

# SAYEED AHMAD

Special Editor: J AOAC International

Honorary Member, National Unani Pharmacopoeial Committee (UPC), Ministry of AYUSH

Coordinator: Society for Ethnopharmacology (SFE, Delhi branch)

Vice President: Society for New Age Herbals

Joint Secretary: National Environmental Science Academy(NESA)

In charge: Bioactive Natural Product Laboratory,

Associate Professor, Department of Pharmacognosy and Phytochemistry,

School of Pharmaceutical Education and Research,

Jamia Hamdard, New Delhi-110062

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## PROFESSIONAL QUALIFICATION:

- 2018- INSA Bilateral Exchange Scientist, to visit different Universities of Sudan (2<sup>nd</sup> August – 18<sup>th</sup> August 2018)
- 2017- Visiting Scientist at University of Khartoum, Sudan (5<sup>th</sup> – 14<sup>th</sup> September 2017)
- 2012-Visiting Scientist (Invited), Sultan Qaboos University, Department of Biology, Sultanat of Oman, (16<sup>th</sup> June to 1<sup>st</sup> July 2012)
- 2011 – Post Doc (BOYSCAST), Albert Einstein College of Medicine, New York USA,

Worked as Visiting Scientist (BOYSCAST Fellow), at Division of Kidney Diseases and Hypertension, Feinstein Institute of Medical Research, 225 – Community Drive, Great Neck, New York 11021, USA on the project entitled “ Screening of Anti-HIV potential of Indian medicinal plants” under the guidance and supervision of Prof Pravin C Singhal for six months (June – November 2011) and successfully completed Anti-HIV Screening on ten plant extracts / compounds using different screening methods on NOMI and MT2 Cell lines.

- 2002-2005                      **PhD in Pharmacognosy & Phytochemistry**                      Hamdard University  
New Delhi  
**Project Title:** “Studies on normal and genetically transformed tissue cultures of a medicinal plant for the production of secondary metabolites”
- 2000-2002                      **M. Pharm (77.66%) GOLD MEDAL**                      Hamdard University  
Pharmacognosy & Phytochemistry                      New Delhi  
**Project Title:** “Tissue culture and pharmacological studies on *Convolvulus microphyllus* Sieb”
- 1996-2000                      **B. Pharm**                      Hamdard University  
(65 %)                      New Delhi

## ADDITIONAL QUALIFICATION:

- GATE qualified with 84.28 percentile in 2000.

## AWARDS AND ACHIEVEMENTS:

### Awards in recognition

1. **SFE Best Local Chapter Coordinator Award 2018** by Society for Ethnopharmacologist at 6<sup>th</sup> Congress of Society for Ethnopharmacology held at Manipal, MAHE in Feb 2019.
2. INSA bilateral Exchange fellowship, INSA, Delhi, 2018
3. **Young Ethnopharmacologist Award 2017:** by Society for Ethnopharmacologist at 4<sup>th</sup> Congress of Ethnopharmacology held at Surat on 23<sup>rd</sup> – 26<sup>th</sup> Feb 2017.
4. **UGC-RESEARCH AWARD 2016 (UGC Govt of India, MHRD) includes two years full salary, allowances and contingency grants fro research work**
5. **Career Award for Young Teachers (CAYT), AICTE- Career Award, 2009 – 2010**, carrying Rs 10.5 lacks for office computer software, national and international travel grant for three years.
6. **Better Opportunities for Young Scientists in Chosen Areas of Science and Technology (BOYSCAST) Award, 2009-2010**, by DST, for six months to carry out research at Albert Einstein College of Medicine, New York, USA on Anti-HIV medicinal plants.
7. **Young Scientist Award- 2009**, from Council for Science and Technology, Uttar Pradesh (**CST-UP**), carrying rupees 25,000 cash with a memento, citation and shawl.

8. **DST Fast Track Young Scientist Award 2007, carries a grant for research with salary of research fellow**

**Awards for best publications/ presentations**

9. Best Oral Presentation Award at 1<sup>st</sup> International Conference on Globalization of Traditional Medicine 2018, Mae Fah Luang University, Chiang Rai, Thailand, 6-7 th Dec 2018
10. **Best Oral Award “PK Debnath Memorial SFE young Ethnopharmacologist” (SFE 2018, Dhaka, Bangladesh)**
11. **Best Poster Award** in International Conference for poster in 18th International Congress-International Society for Ethnopharmacology & 5th International Congress-Society for Ethnopharmacology, India, Dhaka University, Dhaka, Bangladesh, January 13-15, 2018.”
12. **Prof. M. L. Khorana IJPS Award 2016** for best publication in IJPS given at IPC 2016 in Vishakhapattanam
13. **Al Ameen College of Pharmacy Award 2016** for article entitled “RAPD Based Assessment of Genetic Diversity of *Adhatoda vasica* Leaves from Different Sub- Continents of India” published in vol 49/Issue 3/July-Sep-2015, in ijper (Indian Journal of Pharmaceutical Education and Research-2015), presented during the **21<sup>st</sup> APTI Annual National Convention-2016 to be held during 14<sup>th</sup> -16<sup>th</sup> Oct’2016 at Manipal University, Manipal, Karnataka, India.**
14. **Best paper Award** at 10<sup>th</sup>International Symposium on Chromatography of Natural Products (**ISCPN 2016**) that was held in Lublin, Poland between 6 and 9 June 2016 given by **Elsevier (Phytochemistry and Phytochemistry letters)** for the poster entitled “GC-MS metabolomics and anti-diabetic potential of aqueous extract of *Moringa oleifera*”
15. **Dr. P.D. Sethi Memorial Award 2015 (First Prize)** for publication: “HPTLC Analysis of Bioactivity Guided Anticancer Enriched Fraction of Hydroalcoholic Extract of *Picrorhiza kurroa*, BioMed Research International, Volume 2015, Article ID 513875,
16. **Al Ameen College of Pharmacy Award 2014** for the best paper in Pharmacognosy section of IJPER 2014 publications:
17. **PD Sethi Best Paper Award on HPTLC for year 2013 for the manuscript** “Chester K, Tamboli ET, Parveen R, **Ahmad S.** (2013) Genetic and metabolic diversity in stevia rebaudiana using RAPD and HPTLC analysis. *Pharm Biol*, 51(6):771-7, given by Anchrom Mumbai with Rs 10000 cash and certificate.

**Chairperson**

1. Chaired Scientific session in the 5<sup>th</sup> Convention of Society for Ethnopharmacology, India and National Symposium on “Promotion & development of Indian Medicinal Plants” special reference with Brahmi (*Bacopa monnieri*), organized by School of Natural Product Studies, Jadavpur University in association with Society for Ethnopharmacology, India (SFE-India) during September 7-8, 2018 at Jadavpur University, Kolkata.
2. Chaired, Scientific Session in the ISE-SFE Congress 2018 during January 13-15, 2018 at Dhaka, Bangladesh on “Ethnopharmacology & Drug Development: Innovation meets Tradition
3. Poster Evaluator in APTICON 2016 held at Manipal during 14 and 16 Oct 2016.
4. **Chairperson**, Scientific Session, International conference on “Nurturing Global Healthcare” at Amity University, Noida UP on March 11-12, 2016
5. **Key note speaker** in International conference on “Exploring opportunities and future avenues in Pharmaceutical Sciences” held at Azad Technical Campus, Lucknow on 23-25<sup>th</sup> February 2016
6. **Co-Chairman**, Scientific Session of “Second one-day national symposium on New Horizons in drug discovery & development-2<sup>nd</sup> organized by Department of Pharmaceutical Chemistry, Jamia Hamdard in Collaboration with IPA Delhi branch on 16<sup>th</sup> November 2015
7. **Chaired Scientific session** (Pharmacognosy and Herbal drug standardization) in Indian Pharmaceutical Congress (65<sup>th</sup> **IPC**), 2013, 20<sup>th</sup> – 22<sup>nd</sup> Dec, Amity University, Noida
8. **Co-Chairman**, Pharmacognosy and Herbal drugs section of India Pharma Convention, held at DIPSAR, New Delhi on 12<sup>th</sup> February 2012 by UDF and IHPA
9. **Chairperson**, Pharmacognosy and Herbal drug section of poster presentation on January 28<sup>th</sup> – 29<sup>th</sup> 2012 at Fourth National Conference on Biotechnology and Pharma Industry, Organised by SBS college of Pharmacy, Patti, Amritsar, Punjab organized by PTU and DBT
10. **Chaired Scientific Session** (Pharmacognosy) in 26<sup>th</sup> Annual conference Indian Pharmacy Graduate Association (**IPGA**), 2011, 2<sup>nd</sup> April, 2011, at Air Force Auditorium, Subrato Park New Delhi.
11. **Co-Chairman (Member LOC)**, Volunteer Service Committee, 26<sup>th</sup> Annual conference Indian Pharmacy Graduate Association (**IPGA**), 2011, 2<sup>nd</sup> April, 2011, at Air Force Auditorium, Subrato Park New Delhi.

12. **Co-Chairman (Member LOC)**, Volunteer Service Committee, Indian Congress of Pharmacy & Pharmaceutical Sciences (ICPPS) and Indian Pharmaceutical Association (**IPA**) Convention 2009, March 14-15, DIPSAR, Delhi.
13. **Co-Chairman (Member LOC)**, Volunteer Service Committee, Indian Pharmaceutical Congress (**IPC**), 2008, December, Delhi.
14. **Chaired Scientific session** (Pharmacognosy and Herbal drug standardization) in Indian Pharmaceutical Congress (**IPC**), 2008, December, Delhi
15. **Chaired a Scientific Session** in an International conference on Unani Medicine held in October, 2007 at Jamia Hamdard, New Delhi.

#### Editor

1. **Special Editor**: J AOAC International for section on Analysis of Unani Medicine
2. **Member Editorial Board, Journal of Phytochemistry and Biochemistry,**
3. **Member Editorial Board, Current Clinical Pharmacology, Bentham,**
4. **Guest Editor**: Journal of Pharmacy and Bioallied Sciences (Special issue on Herbal Drugs and Botanicals, Dec-2015)
5. **Associate Editor**: Journal of Natural Remedies, Since 2015
6. **Editor (Associate), Annals of Phytomedicine: An International Journal**, an open access journal published Ukaaz Publications, Hyderabad, India ISSN 2278-9839, Bi-annual since January 2012.
7. **Associate Editor**: Journal of Medicinal Plant Research, Since 2009
8. **Member Editorial Board (Associate Editor), Journal of Medicinal Plant Research**, Academic Journals, P O BOX 5170-00200 Nairobi, Victoria Island, Nigeria, Lagos, 73023, ISSN 1996-0875, (**ISI Indexed; IF 0.590**) SCIE, <http://www.academicjournals.org/JMPR>

#### Seminars/ workshop organized

1. **Organizing Secretary**, One Day Workshop on "GCMS Metabolomics" in collaboration with Agilent Technologies on 17<sup>th</sup> May 2017 at SPER, Jamia Hamdard, New Delhi
2. **Organizing Secretary**, 3<sup>rd</sup> One-day National Seminar on "Current regulations on herbal drugs and food supplements (HDFS 2017), 16<sup>th</sup> May 2017, Jamia Hamdard, New Delhi in collaboration with Society for new age herbals (Participants > 750 Scientists).
3. **Organizing Secretary**, UGC-SAP sponsored National Seminar on "Regulatory and quality aspects of herbal drugs and botanicals", 1<sup>st</sup> February 2014, Jamia Hamdard, New Delhi (Participants > 450 Scientists).
4. **Organizing Secretary**, UGC-SAP sponsored National Seminar on Role of GCMS, Flash chromatography and HPTLC in botanical Drug Development, 17<sup>th</sup> January 2011, Jamia Hamdard, New Delhi (Participants > 400 Scientists).

#### Member, Executive / National Committees

1. Member AYUSH Pharmacopoeia core committee on Harmonization of AYUSH Pharmacopoeias, Ministry of AYUSH, Govt of India
2. Nominated as Honorary Expert Member (Pharmacognosy) Task Force Unani Pharmacopoeial Committee (UPC) from CCRUM, Ministry of AYUSH, Govt of India (320(C)/ 2016/ CCRUM/Tech, dated 26<sup>th</sup> July 2017)
3. Nominated as Honorary Expert Member (Pharmacognosy) National Unani Pharmacopoeial Committee (UPC) for 3 years from Pharmacopoeia Commission for Indian Medicine and Homeopathy (PCIM & H), Ministry of AYUSH, Govt of India (PCIM/6-21/Tech/Committees/ 2017-17/36-51, dated 17<sup>th</sup> April 2017)
4. President (Delhi Chapter), Society for Ethnopharmacology (Feb 2017 – onward)
5. Vice President, Society for new Age Herbals (2016 –onward)
6. Nominated as External Member of BOS for Institute of Applied Sciences, Mangalayatan University, Aligarh UP (May 2016)
7. Nominated as Honoray Visiting Faculty Institute of Applied Sciences, Mangalayatan University, Aligarh UP (May 2016)
8. Nominated as Member brain storming session for revisiting National Formulary of Unani Medicine and Unani Pharmacopoeia of India (29<sup>th</sup> July 2015)
9. **Member, Executive Committee (EC)**, Indian Pharmaceutical Association (IPA), Delhi Branch. (2012 – 2014)
10. **Member, Executive Committee (EC)** of Association of Pharmaceutical Teachers of India (**APTI**) (2010 – 2016)
11. Selected as **Inspector and subject expert in UPTU** for evaluation of Pharmacy Colleges, May, 2008.
12. Member National Unani Pharmacopoeial Sub Committee

#### Others

13. **Travel grant from CCRUM – AYUSH** for attending WHAT medicine conference at Putra World Trade Centre, Kuala Lumpur, Malasiya, 19<sup>th</sup> – 22<sup>nd</sup> June 2009.
14. Invited as **Subject Expert** for evaluation of **ICMR fellowship projects**, in Pharmacognosy and Natural Products, May, 2009.
15. **Young Scientist Travel Grant 100% FROM AICTE**, -2007 for attending **FIP-2007** (August).
16. **Young scientist** support from **DST** for attending International Conferences 2007.
17. **Best paper award** in Indian Pharmaceutical congress, Mumbai- 2006, in Pharmacognosy section.
18. **Young scientist** support from **DST** for attending International Conferences **2005**.
19. Teaching Assistantship in Faculty of Pharmacy, Hamdard University, 2002-2005, for **UG & PG** students.
20. **UGC-SRF** from MHRD Govt. of India, **for Ph. D.**
21. **UGC-JRF** from MHRD Govt. of India, (2000-2002 for M. Pharm).
22. Selected in **UGC-JRF** in Eng. & Tech. for Ph. D. in Pharmaceutical Sciences.
23. Selected as **Lecturer** with permanent position in GJU, Hisar.

#### **ACADEMIC HONORS AND DISTINCTIONS:**

##### **MOUs instituted (06)**

1. NCNPR, University of Missisipi, USA
2. University of Khartoum, Khartoum, Sudan
3. Dabur India Ltd
4. Aimil Pharmaceuticals
5. Dolcas Botanosys
6. Transformative Solutions

##### **OVERSEAS VISITS**

1. **NCNPR, Mississippi, USA:** As **SPEAKER** to attend 19th Annual International Conference on the Science of Botanicals (ICSB) held in April 8th – 11th, 2019 in Oxford, Mississippi, delivered talk on "Metabolomic analysis of unani and ayurvedic medicines for scientific validation of traditional claims " at the University of Mississippi and the National Center for Natural Products Research.
2. **Chiang Rai, Thailand:** As **SPEAKER** to attend **1<sup>st</sup> International Conference on Globalization of Traditional Medicine 2018**, Chiang Rai, Thailand on December 6-7, 2018 delivered talk on "Modernization and metabolomics analysis of traditional medicines for globalization and scientific validation of traditional claims" organized by Mae Fah Luang University, Chiang Rai Thailand and SFE India.
3. **Bangkok, Thailand:** As **SPEAKER** to attend **HPTLC Asia 2018, International Symposium for High-Performance Thin-Layer Chromatography**, in Bangkok, Thailand on November 28-30, 2018 delivered talk on "A novel high-performance thin-layer chromatography-hyphenated bioautography method for identification of carbohydrate digesting enzyme inhibitory metabolites".
4. **KHARTOUM, SUDAN:** As INSA bilateral Exchange fellow and to Deliver invited lectures at different Universities of Sudan (**2<sup>nd</sup> August - 18<sup>th</sup> August 2018**)
  - Visited University of Gezira at Madani State, Gezira on 07/08/2018 and delivered talk entitled "Drug development from natural resources: basics to metabolomics"
  - Delivered public lecture entitled "Chromatographic analysis and metabolomic profiling of herbal medicine for modernization and drug discovery" at Sayed Almubarak Hall of University of Kharoum, Sudan on 12<sup>th</sup> August 2018
  - Delivered a public lecture entitled "Quality control & Scientific Validation of Traditional Claims of Herbal Medicine" at Faculty of Pharmacy of Omdurman Islamic University, Omdurman, Sudan on 15<sup>th</sup> August 2018
5. **USA:** To attend **18th ICSB (International Conference of Science and Botanicals)**, Oxford Conference Centre, Oxford, Mississippi, USA- April 9-12, 2018, and to give presentations on:
  - "Hypoglycemic potential and Metabolomic profiling of *Butea monosperma*" at Oxford Conference Centre, **Missisipi, USA** on 9<sup>th</sup> April 2018, University of Missisipi, Memphis, USA
  - "Metabolomic profiling of herbal drugs for scientific validation of traditional claims" on 13<sup>th</sup> April 2018, **Chicago State University, Chicago, USA**

6. **KHARTOUM, SUDAN:** As Examiner and to Deliver invited lectures at University of Khartoum and at National Medicinal Plant & Poison Board, Sudan as well as to execute MOU between Institutions (**5<sup>th</sup> September – 14<sup>th</sup> September 2017**)
  - **Sayeed Ahmad** (2017). “Herbal Medicine & Food Supplements: Market Authorization and Quality Control” at National Medicines & Poison Board, Sudan on 9<sup>th</sup> September 2017 at 11:0 am – 1:0 pm, Aired on News of Sudan National TV
  - **Sayeed Ahmad** (2017). “Drug Development from Natural Resources” at University of Khartoum, Sudan on 11<sup>th</sup> September 2017 (1:0 – 3:0 pm).
7. **BERLIN, GERMANY:** To attend **International Symposium for High Performance Thin Layer Chromatography 2017, at Berlin, Germany (4<sup>th</sup> to 8<sup>th</sup> July 2017)**
  - **Sayeed Ahmad** (2017). “HPTLC Studies on Single Drugs and Compound Formulations of Indian System of Medicine” (Oral Lecture), Delivered at International Symposium on High Performance Thin Layer Chromatography (HPTLC 2017), at Maritim Pro Arte Hotel, Berlin, Germany on 4<sup>th</sup> – 8<sup>th</sup> July 2017
8. **LUBLIN, POLAND:** To attend 10<sup>th</sup> International symposium on Chromatography of Natural Products held in Lublin Poland on 6<sup>th</sup> – 9<sup>th</sup> June 2016, sponsored by Aimil Pharmaceuticals, Delhi to present papers:
  - **Sayeed Ahmad**, Washim Khan, Katiyar CK (2016). Chromatographic profiling of Pancharishta at different stages of its development using HPTLC, HPLC, GC-MS and LC-MS (**Oral Presentation**), presented at 10<sup>th</sup> International symposium on Chromatography of Natural Products held in Lublin Poland on 6<sup>th</sup> – 9<sup>th</sup> June 2016.
  - **Sayeed Ahmad**, Iftexhar Ahmad, Javed Alam, Washim Khan (2016). Chromatographic analysis and exploitation of traditional UNANI formulation for nonalcoholic fatty liver disease (**Poster presentation**), presented at 10<sup>th</sup> International symposium on Chromatography of Natural Products held in Lublin Poland on 6<sup>th</sup> – 9<sup>th</sup> June 2016.
  - **Washim Khan**, Sayeed Ahmad, (2016). GC-MS metabolomics and anti-diabetic potential of aqueous extract of *Moringa oleifera* (Poster), Presented at 10<sup>th</sup> International symposium on Chromatography of Natural Products held in Lublin Poland on 6<sup>th</sup> – 9<sup>th</sup> June 2016, **Received best Paper Award**
9. **Muscat, Oman:** 2012-Visiting Scientist (Invited), Sultan Qaboos University, Department of Biology, Sultanat of Oman, (16<sup>th</sup> June to 1<sup>st</sup> July 2012) for working with Prof Elsadig Eltayeb on one of his project for analysis of Solanum glycoalkaloids and produced following collaborative papers:
  - Al Sinani SS, Eltayeb EA, Kamal YT, **Ahmad S** (2013). Quantitative estimation of Solasodine in *Solanum incanum* plants grown in Oman by HPTLC, *International Journal of Pharmacognosy and Phytochemistry*, 28(1), 1132-1139. [ISSN: 2051-7858].
  - Al Sinani SS, Eltayeb EA, Kamal YT, Masood SK, **Ahmad S** (2015) Variations in the cytotoxic glycoalkaloids solamargine and solasonine in different parts of the *Solanum incanum* plant during its growth and development in Oman, *J. Taibah Univ. Sci.* (2015), (<http://dx.doi.org/10.1016/j.jtusci.2014.11.013>), ISSN: 1658-3612.
10. **NEW YORK, USA: As DST BOYSCAST Fellow: 2011 – Post Doc (BOYSCAST), Albert Einstein College of Medicine, New York USA,**
  - Worked as Visiting Scientist (BOYSCAST Fellow), at Division of Kidney Diseases and Hypertension, Feinstein Institute of Medical Research, 225 – Community Drive, Great Neck, New York 11021, USA on the project entitled “ Screening of Anti-HIV potential of Indian medicinal plants” under the guidance and supervision of **Prof Pravin C Singhal** for six months (June – November 2011) and successfully completed Anti-HIV Screening on ten plant extracts / compounds using different screening methods on NOMI and MT2 Cell lines.
11. **PHILADELPHIA, USA:** To attend American Society of Nephrology (ASN) Kidney Week 2011, Pennsylvania Convention Centre, Philadelphia, USA, November 8-13, 2011, and to present paper:
  - **Sayeed Ahmad**, Wasim Ahmad, Mohammed Ahmed Khan, Rabea Parveen, Masood Shah Khan, Ashwani Malhotra, Mohammad Husain, S.M. Arif Zaidi. Antiurolithiatic Activity of an Unani HerboMineral Formulation, FR-PO1178, Journal of Americal Association of Nephrology, abstract supplement, ASN Kidney Week 2011, Pennsylvania Convention Centre, Philadelphia, USA, November 8-13, 2011, pp 385A, (**Poster**)
12. **WASHINGTON DC, USA:** To attend American Association of Pharmaceutical Scientist (AAPS) Annual Meeting and exposition 2011, Washington DC, USA, October 23-28, 2011, and to present two papers:
  - **Sayeed Ahmad**, Tanwir Athar, Rabea Parveen, Validated UPLC/MS Method for Quantitative Determination of Azadirachtin Content in Nimbatiktum (anti psoriatic herbal formulation), M1200, AAPS Annual Meeting & Exposition 2011, Washington DC, October 23-28, 2011. (**Poster**)
  - Suruchi Suri, Rabea Parveen, FJ Ahmad, Z Iqbal, **Sayeed Ahmad**. Developing and formulating a nanosized delivery system for a combination of Taxanes with a polyphenolic compound, T3230, AAPS Annual Meeting & Exposition 2011, Washington DC, October 23-28, 2011. (**Poster**)

13. **KUALA LAMPUR, MALASIYA:** To attend World Health and Asian Traditional (WHAT) medicine conference at Putra World Trade Centre, Kuala Lumpur, Malasiya, sponsored by **CCRUM – AYUSH**, 19<sup>th</sup> – 22<sup>nd</sup> June 2009 and to present two papers:
- **Sayeed Ahmad**, Kamal YT, Mahaveer Singh, Rabea Parveen, Development and validation of stability indicating HPTLC method for analysis of arjunolic acid in herbal formulations, *World Health and Asian Traditional (WHAT) Medicine Conference-2009*, Putra World Trade Centre, Kuala Lumpur, Malaysia, 19-20<sup>th</sup> June, 2009. **(Poster)**
  - **Sayeed Ahmad**, Kamal YT, Mahaveer Singh, Rabea Parveen, FJ Ahmad, Development and validation of HPTLC method for estimation of Glycyrrhizic acid in Herbal formulation, *World Health and Asian Traditional (WHAT) Medicine Conference- 2009*, Putra World Trade Centre, Kuala Lumpur, Malaysia, 19-20<sup>th</sup> June, 2009. **(Poster)**
14. **BEIJING, CHINA:** To attend *Pharmaceutical Science World Congress – FIP-2007*, Beijing, China. Sponsored by AICTE, August 31- September 6, 2007 and to present two papers:
- **Sayeed Ahmad**, R. Zafar, Development of Normal and genetically Transformed cultures of *Calotropis procera* for production of secondary metabolites. presented in *Pharmaceutical Science World Congress – FIP-2007*, Beijing, China. August 31- September 6, 2007 **(Poster)**.
  - **Sayeed Ahmad**, Maqsood Ali, Salim Khan, S.H. Ansari, A Rapid DNA isolation protocol and studies on stability of RNA in medicinal plant Adhatoda. presented in *Pharmaceutical Science Congress – FIP-2007*, Beijing, China. August 31- September 6, 2007 **(Poster)**.

#### **Lecture Delivered (Invited / Oral talks & Resource Person in India) (50)**

1. Delivered Invited talk as a resource person on 22<sup>nd</sup> April, 2019 on the topic “Quality control and standardization of Unani Medicine” at Convention centre, Jamia Hamdard, in National Seminar on “A Journey through: An update on evidence based medical practices in Unani Medicine” organized by School of Unani Medical Education and Research, Jamia Hamdard, New Delhi
2. Delivered Invited talk as a resource person on 14<sup>th</sup> March 2019 on the topic: Molecular Pharmacognostic studies of Unani Medicine”, at Department of Ilmul Advia, Ajmal Khan Tibbia College, Aligarh, AMU in UGC SAP sponsored program
3. Delivered Invited talk as a resource person on 14<sup>th</sup> February 2019 on the topic: “Standardization and Quality Control of Unani Medicine for Scientific Validation”, at the National Conference for Celebration of Unani Day at NIUM, Bangalore
4. Delivered Invited talk as a resource person on the topic: Metabolomic profiling of herbal drugs and Traditional Medicines for Globalization, at 6<sup>th</sup> Congress of Society for Ethnopharmacology held at Manipal, MAHE in Feb 8-10, 2019.
5. Delivered lecture as distinguished speaker on 02<sup>nd</sup> November, 2018, on the topic: Aligning Efforts to Build Evidence for Ayurveda, in Ayurveda Industry Conclave V2.0, at Silver Oak, India Habitat Centre, New Delhi.
6. Delivered lecture as a resource person on 10<sup>th</sup> February 2018 on the topic: Modernization and Metabolomic Analysis of Unani Medicines for Scientific Validation of Traditional claims, in International Conference on Unani Medicine “Integration of Unani Medicine in Mainstream” at A.P. Shinde Symposium Hall, NASC Complex, Pusa, New Delhi, organized by CCRUM AYUSH
7. Delivered talk as distinguished speaker on topic Understanding Pharmacopoeial Quality Standards for AYUSH Drugs in the International Conference on “Challenges for Global Competitiveness of AYUSH and Natural Products” and the IASTAM Oration and Award Function 2018, held during February 2-4, 2018 at Delhi Pharmaceutical Sciences and Research University (DPSRU).
8. Delivered lecture as a resource person on 15<sup>th</sup> November 2017 on the topic: Analytical methods used in herbal drug standardization, at National Institute of Unani Medicine in six-days Continuing Medical Education (CME) Programme on Ilmul Advia from 13 to 18<sup>th</sup> November 2017.
9. Delivered invited Expert Talk on topic entitled “Drug Development from Natural Resources” on University of Khartoum, Sudan at 11<sup>th</sup> September 2017 (1:0 – 3:0 pm).
10. Delivered invited Expert Talk on topic entitled “Herbal Medicine & Food Supplements: Market Authorization and Quality Control” on National Medicines & Poison Board, Sudan at 9<sup>th</sup> September 2017 at 11:0 am – 1:0 pm, which was aired on Sudan National TV as News
11. Delivered oral talk on topic entitled “HPTLC Studies on Single Drugs and Compound Formulations of Indian System of Medicine” on International Symposium for High Performance Thin Layer Chromatography 2017, at Berlin, Germany (4<sup>th</sup> to 8<sup>th</sup> July 2017)
12. Delivered invited Expert Talk on “HPTLC in quality control of herbal drugs and drug discovery” at National Conference on Analytical Techniques and their Applications” during March 17, 2017 held at Dr. A. P. J. Abdul Kalam Central Instrumentation Laboratory Guru Jambheshwar University of Science and Technology Hisar-125001, Haryana
13. **Delivered invited Expert Talk on “HPTLC and its applications in drug discovery” at International Conference on Challenges in Drug Discovery & Delivery (ICCD3-2017)” during March 2-4, 2017 held at Department of Pharmacy Birla Institute of Technology, BITS, Pilani as a representative of Anchrom (CAMAG)**
14. **Delivered Dr. P.K. Debnath Memorial Oration** on topic “Drug discovery from natural sources for Dengue Fever related thrombocytopenia” in the 4<sup>th</sup> congress of the the society for Ethnopharmacology India, organized at Uka Tarsadia University, Bardoli, Surat during February 23-25, 2017.

15. **Delivered invited Expert Talk on "Chromatography and Quality control of herbal drugs" at PHARMANEO 2017, a 02 days International Conference on "Drug Delivery System of Phytoconstituents: Past, Present and Future" scheduled held on 17<sup>th</sup>-18<sup>th</sup> February 2017 at Invertis Institute of Pharmacy, Invertis University, Bareilly, Uttar Pradesh, India.**
16. **Delivered invited Expert Talk on "HPTLC and its applications in drug discovery" at XXII Quality Improvement programme held during 13<sup>th</sup> – 17<sup>th</sup> February 2017 as Resource Person at DPSRU, New Delhi**
17. **Delivered invited Expert Talk on "Chromatography and quality control of herbal drugs" at Faculty of Pharmaceutical Science & Technology, AKS University, Satna (MP) in ICMR-New Delhi & MPCST-Bhopal Sponsored 2-Day National Conference On "Frontier Research in Natural Products: Opportunities and Challenges" On 03-04<sup>th</sup> February 2017**
18. **Delivered invited Expert Talk on *Medicinal Plants: Importance of Pharmacognosy and Chemotaxonomy Studies* on December 20, 2016 at ICAR sponsored Winter School on "Bio-active compounds from medicinal plants: A wealth of novelties and opportunities" is organised at the Directorate during Dec 01, 2016 to Dec 21, 2016.**
19. **Delivered invited Talk as Key speaker on "HPTLC method development and validation" in One Day Workshop on " Method Development Techniques in HPLC and HPTLC" held on November 16, 2016 at 9.00 am at Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak**
20. **Delivered invited Expert Talk on "Understanding of Pharmacopoeial standards" at National Institute of Unani Medicine, Bangalore, in International Conference of Unani Medicine on 26<sup>th</sup> October 2016.**
21. Organised half day workshop on "Chromatographic analysis of Natural Products" on 31<sup>st</sup> May 2016 as a part of One Week Faculty Development programme on "Energising Innovative skills in Pharmaceutical education and research" held in Faculty of Pharmacy, Jamia Hamdard from 30<sup>th</sup> May 2016 – 3<sup>rd</sup> June 2016
22. **Delivered invited Expert Talk on "Understanding Pharmacopoeial Standards" in CRIUM Hyderabad on 26<sup>th</sup> May 2016**
23. **Delivered invited Expert Talk on "Understanding Pharmacopoeial Standards" in CCRUM Janakpuri Delhi on 9<sup>th</sup> May 2016**
24. Delivered **ONLINE** invited Expert Talk on "**Challenges in preclinical and clinical research of traditional medicines**" organized by Thomson Reuters for their Employees globally held on 12<sup>th</sup> April 2016 at IST 2:30 to 4:0 pm
25. **Delivered invited Expert Talk on "Chromatography and quality control of Unani Drugs" at Department of Ilmu Advia, AMU, Aligarh, on 15<sup>th</sup> March 2016.**
26. Delivered invited Lecture as KEYNOTE SPEAKER on topic "Drug Discovery from Natural Products Microscopy to Metabolomics" in International conference on "Exploring opportunities and future avenues in Pharmaceutical Sciences" held at Azad Technical Campus, Lucknow on 23-25<sup>th</sup> February 2016
27. Delivered invited Lecture as LEAD SPEAKER in Faculty Development programme on "Recent trends in Instrumental methods for drug analysis" on the topic "LCMS metabolomics and drug discovery from natural sources" held at Shri Ram Murti Smarak College of Engineering & Technology, Bareilly sponsored by APJ Abdul Kalam Technical University Lucknow on 27<sup>th</sup> – 31<sup>st</sup> January 2016
28. Delivered invited Lecture as Resource Person on topic entitled "Contribution of Planar Chromatography in discovery of Medicine" on **March 2015** under AICTE sponsored QIP program (**09 to 20<sup>th</sup> March 2015**) organized by DIPSAR, New Delhi
29. Delivered invited Lecture as Resource Person/ Mentor on topic entitled "Milestones in Discovery of Medicine" on Nov 30<sup>th</sup> 2014 in the Science camp under INSPIRE INTERNSHIP program (27<sup>th</sup> Nov to 01 Dec 2014) of DST organized by SRMS college of Engineering & Technology, Barailly UP
30. Delivered invited Lecture as Resource Person on topic entitled "Analytical techniques for identification of functional components of food" on November 10<sup>th</sup> 2014 in Continuing Education Programme (CEP) on Functional Nutrition (10<sup>th</sup> Nov to 14<sup>th</sup> Nov 2014) at DIPAS, DRDO, New Delhi
31. Delivered invited Lecture as Resource Person on topic entitled "HPTLC applications in analysis of Bioactive molecules" on October 18<sup>th</sup> 2014 at School of Biotechnology, Gautam Buddha University, Greater Noida UP.
32. Delivered invited Lecture as Resource Person on topic entitled "Current strategies in herbal drug research from microscopy to metabolomics" on INSTRUMENTAL METHODS OF ANALYSIS IN PHARMACEUTICAL SCIENCES" held from 25<sup>th</sup> August to 29<sup>th</sup> August, 2014, Organised by SBS college of Pharmacy, Patti, Amritsar, Punjab organized by PTU and DBT
33. Delivered invited Lecture as Resource Person on topic entitled "Re-validation of cardioprotective potential of standardized extracts of Indian Medicinal Plants listed in Ibn-e-Sinas Treatise" on December 6<sup>th</sup> 2013 in 40TH National Conference of Association of Clinical Biochemist of India, (ACBICON-2013), December 03-06, 2013, At NASC Complex, PUSA, Delhi
34. Delivered invited Lecture on topic "**Herbal Drugs: Current Trends and Future Scope**" on April 16<sup>th</sup> 2012, at Faculty of Pharmacy, Integral University Lucknow
35. Delivered Oral Lecture on topic entitled "Anti HIV activity of medicinal plants – Adhatoda Vasica a case study" on February 20 -24, 2012, Health Care India 2012 Congress, New Delhi, APA International Congress on Advances in Human Health care systems
36. Delivered Oral Lecture on topic entitled "Anti HIV activity of medicinal plants" on February 17 -19, 2012, at 12<sup>th</sup> International Congress of Ethnopharmacology entitled "Traditional medicine and Globalization – The Future of Ancient system of Medicine" organized by School of Natural Product Studies, Jadavpur University, Kolkata

37. Delivered invited Lecture as Resource Person on topic entitled "Approaches for in vitro production of Bioactive Natural Products using Plant Tissue Culture" on January 28<sup>th</sup> – 29<sup>th</sup> 2012 at Fourth National Conference on Biotechnology and Pharma Industry, Organised by SBS college of Pharmacy, Patti, Amritsar, Punjab organized by PTU and DBT
38. Delivered invited Lecture on topic "**Plant Tissue Culture – A promising source of Secondary metabolite production**", on April 9<sup>th</sup>, **2011**, at Shaheed Bhagat Singh College of Pharmacy, Patti, Amritsar, Panjab.
39. Delivered Lecture as Resource person in CCRUM - AYUSH sponsored staff development entrepreneurship program on title "**Bioactive Natural Products, Extraction, Identification, Isolation and Characterization**", held on **February 1, 2011**, at Faculty of Science, Jamia Hamdard, New Delhi.
40. Delivered Lecture as Resource person in CCRUM - AYUSH sponsored staff development programme ROTP on title "**Application of HPTLC for Quality Control of Unani Medicines**", held in **February 17-22, 2010**, at Faculty of Medicine, Jamia Hamdard, New Delhi.
41. Delivered Lecture as Resource person in AICTE sponsored Staff Development Program entitled "Herbal Drug Analysis" on title "**HPTLC Analysis of Herbal Drugs**", held in **December 12-25, 2009**, at Shaheed Bhagat Singh College of Pharmacy, Patti, Amritsar, Panjab (19<sup>th</sup> December).
42. Delivered Lecture as Resource person in AICTE sponsored Staff Development Program entitled "Herbal Drug Analysis" on title "**Standardization and Quality Control of Herbal Drugs and Botanicals**", held in **December 12-25, 2009**, at Shaheed Bhagat Singh College of Pharmacy, Patti, Amritsar, Panjab (19<sup>th</sup> December).
43. Delivered Lecture as Resource person in CCRUM - AYUSH sponsored staff development programme on title "Application of Chromatographic techniques for quality control of Unani medicines, held in February, 2009, at Faculty of Medicine, Jamia Hamdard, New Delhi.
44. Delivered invited lecture on a topic entitled "Basics of chromatographic techniques and its application for quantification of biomarkers" at Herlal Institute of Management and Technology (HIMT), Noida U.P. (March 2008).
45. Delivered invited lecture on a topic entitled "Production of Pharmaceuticals Using *In vitro* Culture Techniques" at Shaheed Bhagat Singh Polytechnic and Pharmacy College, Patti, Amritsar, Panjab (March 2008).
46. Delivered invited lecture on a topic entitled "Pharmacognosy and Plant Tissue Culture" at Shaheed Bhagat Singh Pharmacy College, Patti, Amritsar, Panjab (March 2008).
47. Delivered invited lecture on a topic entitled "Plant Tissue Culture as potential source for production of secondary metabolites" in Department of Biotechnology, University of Gorakhpur, Gorakhpur (December 2007).
48. Delivered Lecture as Resource person in a staff development programme on title "Applications of HPTLC for quality control of herbal drugs and dietary supplements" at DIPAS (DRDO), New Delhi, India, (December 2007).
49. Delivered invited lecture on a topic entitled "Chemical and Spectral analysis of Compound of Natural Origin" in GVM- Pharmacy college Sonipat, Haryana (January 2007).
50. Delivered Lecture as Resource person in AICTE sponsored staff development programme on title "Plant Tissue culture – a potential source of secondary metabolites, held in December, 2006, at Shaheed Bhagat Singh Polytechnic and Pharmacy College, Patti, Amritsar, Panjab.

#### **Academic tours for excursion of Medicinal Plants**

- Conducted educational tour (10-15 days each) of Southern India (Coimbatore, Ooty, Mysore and Banglore, Kerala, Sikkim, Darjeeling etc) of B Pharm 3<sup>rd</sup> year Students in December of 2006, 2008, 2010, 2012 and 2014, 2016, 2018 for excursion of medicinal plants

#### **Invitation as Subject Expert (Examiner/ Inspector)**

1. Examiner Ph D: Jamia Millia Islamia, New Delhi (2014)
2. External Examiners for UG and PG courses at Nagpur University, UPTU, PTU, RTU, Sikkim University etc (2009-2013)
3. Inspected, Rajiv Academy of Technical Education, Mathura, May 2008 as Technical Expert – Pharmacy and Pharmacognosy, UPTU.
4. Inspected, GLA Academy of Science and Technical Education, Mathura, May 2008 as Technical Expert - Pharmacy, UPTU.
5. Inspected, Agra Public School Pharmacy College, Agra, May 2008 as Technical Expert, UPTU.
6. Inspected, Agra Pharmacy College, Agra, UP, May 2008 as Technical Expert, UPTU.
7. External Examiner in Nagpur University, UP Technical University and Rajasthan Technical University for UG courses 2007-2008.
8. Invited as subject expert for National Scientific Digital Library content preparation by CSIR, New Delhi 2007.
9. External Examiner in HNB Garhwal University, Delhi University, Indraprastha University, UP Technical University and Delhi Technical board for UG courses 2006-2007.
10. External Examiner (D. Pharm, B. Pharm, M. Pharm): DIPSAR, DU

### **Refree in Journals (>30 top journals of subject)**

1. Referee, International Journal of Food Properties
2. Referee, Pharmaceutical Biology
3. Referee, Talanta
4. Referee, Journal of Chromatography B
5. Referee, Journal of Chromatography A
6. Referee, Journal of Pharmaceutical and Biomedical Analysis
7. Referee, Indian Journal of Pharmacology
8. Referee, Natural Product Radiance
9. Referee, Pharmacognosy Magazine
10. Referee, Toxicology Mechanism and Methods
11. Referee, Human and Experimental Toxicology
12. Referee, Arabian J Chemistry
13. Referee, Indian J Pharmaceutical Sciences
14. Referee, JPBS
15. Referee, Natural Product Research
16. Referee, Journal of Liquid Chromatography and Related Technology
17. Referee, Scientia Pharmaceutica
18. Refree, Journal of Chromatographic Sciences
19. Complementary therapies in medicine
20. Chinese medicine
21. Industrial Crops and Products
22. BMC Plant biology
23. Journal of Ethnopharmacology
24. Food and Chemical Toxicology
25. European Journal of Medicinal Plants
26. Clinical Phytoscience

### **RESEARCH PROJECTS FROM GOVT. FUNDING AGENCIES AS PI: (239.2356 lacs)**

1. **AYUSH NMPB – TD&QA, (2019)**. Development of an antidiabetic phytopharmaceutical formulation from guduchi and its sattva. Rs 60.88 lakh, under consideration
2. **AYUSH CCRUM – EOI, (2019)**. Pharmacokinetics, Stability and Quality Control Studies on Itrifal's of The Unani Pharmacopoeia of India (Part 2 V1 & V2) Using Chromatographic Analysis by HPTLC AND LC-MS, (Rs 49.5 lacs) **approved waiting for grant**
3. **AYUSH CCRUM – EOI, (2019)**. Identification of Anti-dengue Viral Compounds from Unani Medicinal Plants and formulations (Rs 55,47,200), in collaboration with D/O Molecular Medicine, **approved waiting for grant**
4. **AICTE RPS (2018)** Metabolomic Profiling of Pharmacokinetic analysis of the aqueous extract of a scientifically validated traditional plant, *Moringa oleifera* after oral administration, **(Rs 25.0 lakh), Approved, Waiting for grant**
5. **AYUSH CCRUM – EOI, (2017)**. Pharmacokinetics, stability and quality control studies on araqiyat of The Unani Pharmacopoeia of India using HPTLC and GC-MS. (Rs 49.7456), (F. No. 3-32/2017, CCRUM-Tech, 20/03/2017) **On Going**.
6. **UGC Research Award:** (May 2016 – April 2018) In vivo metabolomics of *Picrorrhiza kurroa* extract/ picroside rich fraction: > 33.0 lacs, 2 years salary + Reseach grand Rs 4 lacs), (F No. 30-76/ 2016 (SA-II, Jan 2017) **Completed**
7. DST Fast Track Young Scientist (2016). Druggability of Phenyl-propanoid rich fraction of green tea as antifungal adjuvant, *in silico*, *in vitro* and *in vivo* approach, **34.65 lacs** for 3 years from Feb 2016. **Completed**
8. AICTE, CAYT project (2010): Development of chromatographic and molecular finger prints of *Picrorrhiza kurroa*, **(10.5 Lacs)**, 3 years, (1-51/RID/CA/11/2009-2010 Dated 01.06.2010). **Completed**
9. AYUSH CCRUM – EMR, (2009). Development and evaluation of sugar free capsule dosage form of some Khamiras used in cardiac

disorders, for 1 year (No.3-77/2005-CCRUM/Tech. dated January 15 2009) **(10.0 Lacs), Completed.**

10. AICTE, RPS project (2008): Development of Chromatographic and Molecular Fingerprints and Tissue Culture Studies on *Coleus Forskolhii* for *In Vitro* Production of Forskolin. **(19.0 lacs)** for 2 years, (F. No. 8023/BOR/RID/RPS-145/2007-08 dated 5<sup>th</sup> March 2008), **Completed.**
11. AYUSH, UPC (CCRUM) Project (2008). Development of standard operational procedure of compound Unani formulations mentioned in NFUM **(25 lacs)** for 3 years, F.No. 3-50/2005-CCRUM/Tech., dated 22<sup>nd</sup> Feb 2008). **Completed**
12. AYUSH, UPC (CCRUM) Project (2008). Standardization and Development of Chromatographic Fingerprints of some Classical Unani Cardioprotective Drugs **(22.72 lacs)** for 3 years, (F.No. 3-50/2005-CCRUM/Tech., dated 22<sup>nd</sup> Feb 2008). **Completed**
13. DST Fast Track Young Scientist Award (2007). Development of Phytochemical and Molecular Markers and Tissue culture studies on a medicinal plant *Adhatoda vasica*. **(9.62 lacs)**, for 3 years (SR/FT/L-62/2006 dated 27<sup>th</sup> July 2007), **Completed.**

#### **COUNSULTANCY PROJECTS FROM PVT. FUNDING AGENCIES AS PI: (110.61 lacs)**

1. Standardization of manjish, kesaradi, kansa and ambhring ayurvedic products, Transformative Learning Solutions Pvt Ltd, **(25.2 Lakh)** for 1 year, **Approved waiting for grant**
2. Quality control evaluation of carica papaya leaf extract and juice, Dolcas Botanosys Pvt Ltd., **(Amount 14 lacs)** for 01 year. **Ongoing**
3. Nephroprotective study of NEERI KFT against fluorides/cisplatin/mefenamic acid and pharmacokinetics and metabolomic study of NEERI KFT, AIMIL Pharmaceuticals Ltd. **(Amount 28.0 lacs)** for 02 years, **Ongoing**
4. Screening of Diabetic plants, Dabur India Ltd, **(10.8 lacs three years), Ongoing**
5. Stability and Bioavailability studies of Tablet DIP-G-FIT (DIPAS, DRDO), **9.96 lacs for 1 year from March 2016 – march 2017**
6. Evaluation of antiurolithiatic activity of some herbal formulations in rats, **Dabur India Ltd. (3.94 lacs)** for 0.5-year. **Completed**
7. Identification and characterization of bioactive compounds/principles from herbal agents, DRDO (DIPAS) 3.5 lacs for 1 year. **Completed**
8. Evaluation of Hepato-protective and Anti-Inflammatory Activity of Some Herbal Formulations, Dabur India Ltd. **(15.21 lacs)** for 1-year. **Completed**

#### **MAJOR INFRASTRUCTURE PROJECTS FROM GOVT. FUNDING AGENCIES AS DEPUTY COORDINATOR: (112 lacs)**

1. UGC – SAP scheme, 2009, (Letter No. F.3-32/2009 (SAP II), dated 31<sup>st</sup> March 2009) **47 lacs**, Deputy-Coordinator, for five years, DRS- phase 1. **Completed**
2. DST – FIST scheme 2009. (Letter No. SR/FST/LSI – 387/2008, order dated 18/02/2009) Deputy-Coordinator, **65 lacs** for five years, Phase I. **Completed**

#### **RESEARCH PROJECTS FROM FUNDING AGENCIES AS CO PI: (409.08 lacs)**

1. **AYUSH CCRUM – EMR (2018)**, Determination of antithrombotic potential of traditionally used medicinal plants and their pharmacokinetic and metabolomic profiling, 67.0 lakh, **Collaborative project with Prof Zahid Ashraf, JMI, On going**
2. AYUSH CCRUM – EMR (2010), Determination of Anti-Cancer activity of medicinal plants of Indian origin, **(30.0 Lacs)** for 3-years. **Completed**
3. AYUSH CCRUM – EMR (2010), Screening and evaluation of Anti-HIV activity of some Indian medicinal plants, **(26.0 Lacs)** for 3-years. **Completed**
4. **DBT (2010)**, Study of Transcriptomic and Metabolomic changes induced by Nitrogen and Phosphorus Stress in Maiz root, (BT/ PR11680/PBD/16/834/2008, dated September 18<sup>th</sup> 2010) **(79.88 lacs)** for 3 years. **Completed.**
5. AYUSH CCRUM – EMR (2010), Evaluation of Tadaveer of some Unani formulation/ drugs, **(30.0 Lacs)** for 3-years. **On going**
6. AYUSH CCRUM – EMR (2009), Development and evaluation of a novel nano emulsion gel for topical anti-rheumatic unani formulation (No.3-77/2005-CCRUM/Tech. dated January 15 2009) **(9.2 Lacs)** for 1-years. **Completed**
7. AYUSH CCRUM – EMR (2009), Development of quality standards and clinical evaluation of herbomineral formulation used in urolithiasis, (No.3-77/2005-CCRUM/Tech. dated January 15 2009) **(29.0 Lacs)** for 3-years. **Completed**

8. AYUSH CCRUM – UPC (2009), Standardization and development of standard operational procedure of some compound Unani formulations described in national formulary of Unani medicines, (No.3-77/2005-CCRUM/Tech. dated January 15, 2009) **(26.0 Lacs)** for 3 years. **Completed**
9. AYUSH CCRUM – UPC (2009). Development of Standard operational procedure and chromatographic finger print of some Unani compound formulations, (No.3-77/2005-CCRUM/Tech. dated January 15, 2009) **(29.0 Lacs)** for 3-years. **Completed**
10. Tissue culture studies on Solanum sp. for production of solasodine. **AICTE**, RPS project (December 2008 – Nov 2010), **19.0 Lakhs. Completed**
11. AICTE, MODROB project (2008): Development of Novel Stability Indicating HPLC Methods for Quantification of New Drug Molecules of Herbal Origin. **(15 lacs)** for 3 years. **Completed**
12. AYUSH, EMR (CCRUM) Project (2008). Development of standard operational procedure of compound Unani formulations mentioned in NFUM **(28 lacs)** for 3 years. **Completed**
13. AYUSH, EMR (CCRUM) Project (2007). Development and Evaluation of Novel Drug Delivery System of Nimbatiktam, 777 Oil and Lajjalu Keram for Treatment of Psoriasis **(21 lacs)** for 3 years. **Completed**

#### **ADMINISTRATIVE AND ADVISORY ACTIVITY:**

- **Incharge of Bioactive Natural Product Laboratory** (A well equipped/ sophisticated laboratory especially for research on Natural Products) Since 2009
- Co-ordinator: Food Technology, May 2017 onward
- **Deputy superintendent of Examinations**, Faculty of Pharmacy, Examinations (D. Pharm, B. Pharm, M. Pharm & Ph D), November –2013 – till date
- Tabulator, Pharmacy Examinations, Jamia Hamdard, 2013
- Deputy Superintendent, DODL Examinations – 2007, Jamia Hamdard.
- Member, Academic Council - 2008.
- Member, Cultural and Sports Committee, 2005- till date.
- Member, Sessional Examination Committee, 2005- till date.
- Tabulator, Examinations, Jamia Hamdard, 2005- 2009.

#### **TEACHING AND RESEARCH EXPERIENCES:**

- **Working as Assistant Professor, in Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, JH, New Delhi, and teaching to UG, PG and Ph D classes as well as guiding research scholars since 11 August 2005 till date**
- Visiting Scientist, Sultan Qaboos University, Department of Biology, Sultanat of Oman, (16<sup>th</sup> June to 1<sup>st</sup> July 2012).
- Six months Research experience as Visiting Scientist (BOYSCAST Fellow), at Division of Kidney Diseases and Hypertension, Feinstein Institute of Medical Research, 225 – Community Drive, Great Neck, New York 11021, USA on the project entitled “Screening of Anti-HIV potential of Indian medicinal plants” under the guidance and supervision of Prof Pravin C Singhal.
- One month’s research experience in **Promed** Research center as **Research Scientist** in PD Herbal, Analytical (Developed methods for standardization and quantification of marker compounds in various Herbal formulations like Powder, Tablets, Syrups and Eye drops using Gravimetric, spectrophotometric, HPTLC and HPLC methods).
- **One-year** (2003-2004) teaching experience in **College of Pharmacy, University of Delhi** at UG level.
- Two-years (2002-2004) teaching experience for teaching Chemistry in **Faculty of Medicine, Jamia Hamdard** at UG level.
- Three-year research experience during Ph. D.
- One-year research experience during M. Pharm II (2001-2002).

#### **CONFERENCES AND SEMINARS ATTENDED:**

1. 1<sup>st</sup> International Conference on Globalization of Traditional Medicine 2018, Chiang Rai, Thailand on December 6-7, 2018
2. International Symposium for High Performance Thin Layer Chromatography 2018, at Bangkok, Thailand (27-30<sup>th</sup> November 2018)
3. International Symposium for High Performance Thin Layer Chromatography 2017, at Berlin, Germany (4<sup>th</sup> to 8<sup>th</sup> July 2017)
4. 4<sup>th</sup> congress of the the society for Ethnopharmacology India, organized at Uka Tarsadia University, Bardoli, Surat during February 23-25, 2017.
5. 10<sup>th</sup> International symposium on Chromatography of Natural Products held in Lublin Poland on 6<sup>th</sup> – 9<sup>th</sup> June 2016

6. Two days workshop on "Recent advances in Molecular Modelling and drug design" organized by Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Jamia Hamdard on November 21<sup>st</sup> – 22<sup>nd</sup> 2015
7. UGC SAP sponsored national Seminar, Organised by Department of Biotechnology, Jamia Hamdard, New Delhi
8. 65<sup>th</sup> IPC 2013 on 20<sup>th</sup> – 22<sup>nd</sup> Dec 2013 at Amity University, Noida organized by IPCA
9. AYUTECH – 2013, ON 3<sup>RD</sup> – 5<sup>TH</sup> July 2013 at The Lalit Hotel, New Delhi, organized by UBM India Pvt Ltd
10. Health Care India 2012 Congress, New Delhi, APA International Congress on Advances in Human Health care systems, February 20 -24, 2012
11. 12<sup>th</sup> International Congress of Ethnopharmacology entitled "Traditional medicine and Globalization – The Future of Ancient system of Medicine" organized by School of Natural Product Studies, Jadavpur University, Kolkata, February 17 -19, 2012
12. Fourth National Conference on Biotechnology and Pharma Industry, Organised by SBS college of Pharmacy, Patti, Amritsar, Punjab organized by PTU and DBT, January 28<sup>th</sup> – 29<sup>th</sup> 2012
13. ASN Kidney Week 2011, Pennsylvania Convention Centre, Philadelphia, USA, November 8-13, 2011
14. AAPS Annual Meeting and exposition 2011, Washington DC, USA
15. Group Monitoring Workshop Meeting at University of Jammu, Jammu dated 08-09 April 2010
16. World Health and Asian Traditional (WHAT) Medicine Conference- 2009, Putra World Trade Centre, Kuala Lumpur, Malaysia, 19-20<sup>th</sup> June, 2009.
17. RCH Pharma Med, 2009, National Conference, sponsored by AYUSH, Jamia Hamdard Nagar, New Delhi-62, 17-18<sup>th</sup> April, 2009.
18. AICTE sponsored National Seminar on Emerging Trends in Pharmaceutical Sciences, Faculty of Pharmacy, Jamia Hamdard, New Delhi-62, 21-22<sup>nd</sup> March, 2009
19. Indian Congress of Pharmacy & Pharmaceutical Sciences (ICPPS) and Indian Pharmaceutical Association (IPA) Convention 2009, 14-15<sup>th</sup>, March DIPSAR, Delhi
20. 20<sup>th</sup> International Symposium on Pharmaceutical and Biomedical Analysis, PBA-2009, Agra, India, March 1-4, 2009.
21. Indo-US Symposium on Cancer Nanotechnology sponsored by Indo-US Science and Technology Forum and host by Jamia Hamdard (Hamdard University), New Delhi, February 4<sup>th</sup>-6<sup>th</sup>, 2009.
- 22.** Indian Pharmaceutical Congress (60<sup>th</sup> IPC), New Delhi – (December, 12-14, 2008).
23. National Symposium on Environmental Stress and Bioresource Management and 28<sup>th</sup> Annual Session of The Academy of Environmental Biology organized by Department of Botany, Jamia Hamdard (Hamdard University), New Delhi and The Academy of Environmental Biology, Lucknow, November 20-22, 2008.
24. Professional Development Program organized by Indian Pharmaceutical Association, Delhi Branch on 6<sup>th</sup> September, 2008 at Indian Habitat Centre, New Delhi.
25. Attended workshop on rheumatoid arthritis organized by CCRUM, Department of AYUSH, Ministry of Health and Family Welfare, Govt of India, at Jamia Hamdard, New Delhi (August 27-28, 2007).
- 26.** Indian Pharmaceutical Cogress (59<sup>th</sup> IPC), Varansi – (December, 21-23<sup>rd</sup> 2007).
- 27.** International Conference on Traditional System of Medicine, 30-31 October, 2007, Jamia Hamdard New Delhi
28. *Pharmaceutical Science World Congress – FIP-2007*, Beijing, China. August 31- September 6, 2007
- 29.** National Seminar on Biotechnology and Human Welfare, Department of Biotechnology, Jamia Hamdard, New Delhi, (March, 19 – 20<sup>th</sup> 2007).
30. One day- seminar on AIDS, sponsored by CCRUM, Indian Islamic Centre Delhi, January 2007.
- 31.** Indian Pharmaceutical Cogress (58<sup>th</sup> IPC), Mumbai – (December, 1-3<sup>rd</sup> 2006).
- 32.** National Symposium on Emerging Trends in Biotechnology, Deshbandhu College, University of Delhi, Organized by DBT (November, 16 – 17<sup>th</sup> 2006).
- 33.** Three days Seminar on NMR organized by Jamia Hamdard, New Delhi. (17-19 August, 2006).
- 34.** Symposium on herbal drugs in new Millennium, organized by Ranbaxy Science Foundation (March, 25<sup>th</sup> 2006).
- 35.** Half day Seminar on Patents organized by IPA- Delhi branch in DIPSAR (March 2006).
36. Indian Pharmaceutical Cogress (57<sup>th</sup> IPC), Hyderabad – December 2005.
- 37.** Satellite session of third international conference on plants and environmental pollution (Herbal drugs and Environmental pollution), JH, New Delhi, December 2005.
38. Intellectual Properties Rights Awareness Seminar on Pharmaceuticals organized by Faculty of Pharmacy, Jamia Hamdard, New Delhi (February 26, 2005).

39. International Conference on Unani Medicine organized by CCRUM, Vigyan Bhawan, New Delhi (February 8-11 2005).
40. National Seminar on Analytical Science organized by Indian Society of Analytical Scientist and Jamia Hamdard (February 9, 2005).
41. XVII- Annual Conference of National Environmental Science Academy on Recent Trends in Environmental Sciences, Jamia Hamdard, New Delhi, 24 – 26 April, 2004.
42. International seminar on Herbal Drugs World Herbo Expo-2004, Bhopal, India, sponsored by MHRD & DBT, January (12-14) 2004.
43. National workshop on Institute-Industry Interaction on research in Unani Medicine to Identify areas of Collaboration, Hamdard University, New Delhi, sponsored by MHRD & CCRUM, January (7-9) 2004,
44. National Symposium on Plant Biology and Biodiversity in Changing Environment (Indian Botanical Society), Hamdard University, New Delhi, December (29-31) 2003.
45. National seminar on New Millennium Strategies for Quality, Safety and GMPs of Herbal Drug Products, at NBRI Lucknow, November (11 – 13) 2003.
46. Indian Pharmaceutical Congress (54<sup>th</sup> IPC) Pune – 2002.
47. 1<sup>st</sup> annual Conference of Indian Hospital Pharmacist Association. (27<sup>th</sup> Oct-2002), St. Stephen Hospital New Delhi.
48. CEC Indian Psychiatric Society North Zone New Delhi 2002.
49. Swadeshi Arogya Mela New Delhi – 2001.
50. Indian Pharmaceutical Congress (53<sup>rd</sup> IPC) New Delhi – 2001.

#### **QIP/Refresher course: ATTENDED/ Workshop**

1. XX-Quality improvement programme on “Recent Advances in Pharmaceutical Sciences” held during 5<sup>th</sup> – 9<sup>th</sup> December 2016 at Delhi Institute of Pharmaceutical Sciences & Research, New Delhi
2. 16<sup>th</sup> Refresher Course in Biotechnology, 4 weeks, from 28<sup>th</sup> July 2014- 22<sup>nd</sup> August 2014 at Academic Staff College JNU, New Delhi sponsored by UGC
3. ISTE sponsored Faculty Awareness Camp on Entrepreneurship (FACE), Faculty of Pharmacy, Jamia Hamdard, New Delhi-62, 02<sup>nd</sup> November, 2008.
4. First National Hands-on-Workshop organized by Department of Ocular Pharmacology and Pharmacy, AIIMS, on “Bioanalytical Techniques in PK Studies- From Method Development to Data Interpretation,” 8<sup>th</sup> -9<sup>th</sup> February, 2008.
5. Development and Standardization of Herbal Formulation, ISTE sponsored short term training program at P. D. M. College of Pharmacy, Sarai Aurangabad, Bahadur Garh Haryana (March, 26<sup>th</sup> – 30<sup>th</sup> 2007).
6. 14<sup>th</sup> quality improvement program, *Recent Advances in Pharmaceutical Sciences*, sponsored by AICTE, held at Delhi Institute of Pharmaceutical Sciences & Research, New Delhi, February 27<sup>th</sup> – March 3<sup>rd</sup> 2006.
7. 13<sup>th</sup> quality improvement program, *Recent Advances in Pharmaceutical Sciences*, sponsored by AICTE, held at Delhi Institute of Pharmaceutical Sciences & Research, New Delhi, 21<sup>st</sup> – 25<sup>th</sup> November 2005.
8. 11<sup>th</sup> quality improvement program, *Recent Advances in pharmaceutical Sciences*, sponsored by AICTE, held at Delhi Institute of Pharmaceutical Sciences & Research, New Delhi, 25<sup>th</sup> – 29<sup>th</sup> October 2004.

#### **GUIDANCE TO M. PHARM. AS SUPERVISOR:**

##### **Completed: 30**

1. **Maaz Ahmad Khan** (2018-2019): TLC-MS, high throughput screening and bioautography of the anticholinestrase compounds from Indian medicinal plants and their effect on health
2. **Mariya Kabir** (2018-2019): TL-MS Hightthroughput screening and bioautographic identification of estrogenic potential of plants used in Indian System of Medicines.
3. **Mumtahina Kausar** (2018): Exploration of hyperlipidemic potential of a traditional herbal formulation and its translation into modern dosage form.
4. **Suhani Sajjad** (2018): Phytochemical characterization and determination of anti-hyperlipidemic potential of traditional formulation
5. **Bushra Praween** (2018): Quality control evaluation and determination of immunomodulatory effect of amla and black pepper
6. **Ms Nausheen** (2017-2018) TLC autographic methods for identification of antidiabetic and anti oxidant from a medicinal plant
7. **Anjane** (2016-2017). Determination of Fatty acid profiles in serum of Fatty liver patients using GCMS
8. **Pankaj Kumar** (2016 -2017). Pharmacokinetic profiling of Thymoquinone rich fraction / thymoquinone from *Nigella sativa*
9. **Dinesh Kumar** (2015-2016). Development of carotenoid rich nutraceutical from Juice corner waste

10. **Naseem Akhter** (2015-2016). Metabolic discrimination of Halal and non- Halal Chicken using GCMS, HPTLC and HPLC
11. **Shreesh Gupta** (2015-2016). Metabolic profiling of yeast lysate to demonstrate glucose uptake mechanism
12. **Md Iftekhhar** (2015-2016). Preparation of aromatic waters (Arq a Unani formulation) for management of Non-alcoholic Fatty Liver Disease (NAFLD)
13. **Javed Alam** (2015-2016). Pharmacokinetic and phytochemical intervention of *Aloe vera* for Non- alcoholic fatty liver disease
14. **Shivani** (2014-2015). Exploration of anti-thrombocytopenic potential of *Nyctanthus* in combination with piperine
15. **Sultan Zahiruddin** (2014-15). Identification of small functional molecules of *Picrorhiza kurroa* after oral administration in rats
16. **Mohd Usman** (2014-15). In vivo metabolomics analysis of *Pterocarpus marsupium*
17. **Rinki** (2013 -2014). Druggability of *Picrorhiza kurroa* for hepatoprotection: in vitro, in vivo and metabolomic approach
18. **Yashmeen Khan** (2012 -2013). Characterization and in vitro bioactivity of phenol rich essential oils using different extraction techniques
19. **Rishika Chauhan** (2012 – 2013). Characterization and in vitro bioactivity of Omega – fatty acid rich fixed oils using different extraction techniques
20. **Mr. Habibur Rehman** (2010 – 2011). Flash chromatographic isolation of Picrosides
21. **Ms. Karishma Chestar** (2010-2011). Chromatographic and molecular fingerprints of Stevia
22. **Mr. Nafis Malik** (2010 – 2011). Development of Nanoemulsion for Chaulmoogra oil
23. **Mr. Mohd. Fahim** (2010 – 2011). Determination of Colchicine in herbal formulations
24. **Mr. Nazeerullah Khan** (2009-2010). Quality control of *Nothapodites nimoniana* and HPTLC method for quantification of camptothecine.
25. **Mr. Jameel Ahmad** (2009-2010). Tissue Culture studies on *Picrorhiza kurroa* for production of secondary metabolites
26. **Mr. Santosh Kumar** (2009-2010). Quality control studies and anti-microbial activity of *Tinospora cordifolia* Miers.
27. **Mr Mayank Gupta** (2009 – 2010). Pharmacognostic and biological evaluation of *Tylophora indica* (Burm) F. Merill.
28. **Mr. Sunil Kumar** (2009-2010). Solvent extraction method for isolation of solanesol and its quantification by HPTLC method in tobacco.
29. **Mr. Aziz Ahmad** (2008-2009). RAPD analysis and tissue culture studies on *Bacopa monneri* Linn. For the production of Bacoside.
30. **Ms. Mandeep Kaur** (2008 – 2009). Quality control of Rhizome of *Picrorhiza kurroa* Royle ex Benth. Using modern analytical technique.
31. **Mr. Mahaveer Singh** (2007 – 2008). Chromatographic and Molecular fingerprinting and tissue culture studies on *Acorus calamus* Linn.
32. **Mr. Maqsood Ali** (2006 -2007). Enhanced *in – vitro* production of Vasicine and Vascinone from Callus culture of *Adhatoda vasica* Nees.

#### Ph. D. SUPERVISED (Completed): (24)

##### As Supervisor

1. **Ms Varisha Anjum** (October 2013 – March 2018), Druggability of *Carica papaya* for dengue fever related thrombocytopenia: in vitro, in vivo and metabolomics approach. DST ISPIRE Fellow
2. **Mr Washim Khan** (October 2014 – March 2018), Development of secondary metabolite based anti-diabetic enriched fractions of *Moringa oleifera* Lam. and *Butea monosperma* Lam. using *in vitro*, *in vivo* and metabolomics approaches
3. **Mr Ikshit Sharma** (October 2017), Chemoprofiling and anti-urolithiatic activity of Pashanved and Gokharu, DIPAS, DRDO
4. **Mr Md Nasar Mallick** (September 2017), Determination of Anticancer Potential *Picrorhiza kurroa* and *Baccopa monneri*, CCRUM - EMR project.
5. **Mr. Masood Shah** (February 2017), Development and Evaluation of Sugar Free Dosage Form of Some Unani Khamira's used for Cardioprotection, in CCRUM - UPC project.
6. **Mr. Madhukar Garg**, (2015). Development of Phytochemical and Molecular Markers and Tissue culture studies on a medicinal plant, Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, New Delhi
7. **Mr. Tamboli Ennus Tajuddin**, (2015). Development of Chromatographic and Molecular Fingerprints and Tissue Culture Studies on *Coleus Forskolhii* for *In Vitro* Production of Forskolin, Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, New Delhi (Submitted).

8. **Mr. Waseem Ahmad** (2014). Development and Evaluation of Unani Herbomineral formulation for Urolithiasis, Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, New Delhi. CSIR, Fellow.
9. **Dr. Mahaveer Singh**, (2013). Development of Analytical methods and Cardio-protective activity of some medicinal plants, Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, New Delhi
10. **Dr. Kamal Y. T.**, (2013). Development of analytical methods for quality control of some poly-herbal formulations, Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, New Delhi
11. **Dr. Tanveer Athar**, (2013). Standardization and development of analytical standards of some herbal formulations used in the treatment of psoriasis, Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, New Delhi

#### **As Co-supervisor (13)**

12. **Mr Arshid Husain** (2015), Metabolomic analysis Maiz in various treatment groups
13. **Mr Ovais Sarin** (2015), Effect of Nitrogen, Potash and Phosphorus on production of andrographoloids from *Andrographis paniculata*
14. **Mr Nadeem Ahmad Siddique** (2015), Development of Pharmacognostical profile and Pharmacological Evaluation of some Medicinal Plants Used in Kidney Disorders' Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, New Delhi, CSIR Fellow
15. **Mr. Mohd. Ahmad Khan** (2015), Protection against Chemically Induced Hepatic Toxicity: Possible Role of Natural Plant Products, CSIR Fellow.
16. **Mr Mohd. Amir** (2015), Pharmacognostical and Pharmacological Evaluation of Some Traditional Medicinal Plants Used in Hepatoprotection, Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, New Delhi, in CCRUM project.
17. **Mr. Mudassar Shahid** (2015). Screening of Anti-HIV1 activity of some medicinal plants, Department of Bio-Sciences, JMI, New Delhi, UGC Fellow
18. **Mr. Mosthaba SM.** (2015). Development of Novel drug delivery system for some herbal formulations used in the treatment of psoriasis. Department of Pharmaceutics, Faculty of Pharmacy, Jamia Hamdard, New Delhi in AYUSH – CCRAS project. (Submitted).
19. **Ms Shilpi Chanda** (2014). Anti-ulcer potential of standardized extracts of *Paderia foetida* Linn.: A traditional medicinal plant used by tribals of north east India, JP University of Science and Technology, Solan, Himachal
20. **Dr. Ranjan Bairawa** (2013). Development of quality standards and screening of hepatoprotective potential of different fractions of *Berberis aristata*, Jaipur National University, Jaipur.
21. **Dr. Anju Dhiman** (2013). Development and evaluation of novel drug delivery system of a model flavonoid for hepatoprotection, Department of Pharmaceutical Sciences, MD University, Rohtak, Haryana.
22. **Dr. Abid Kamal** (2012). Development and Validation of analytical methods for quantification of some APIs of Herbal origin. Department of Bio-Sciences, Jamia Millia Islamia, New Delhi.
23. **Dr. Mohd. Sadique** (2012). Molecular Mechanism of Some Anti-inflammatory Plant Drugs, Department of Toxicology, Faculty of Science, Jamia Hamdard, New Delhi
24. **Dr Maqsood Ali** (2010). Phytochemical and Pharmacological Studies of an Anticancer Medicinal Plant and its Authentication Using Molecular Biology Techniques, Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, New Delhi

#### **Ph D. Currently Registered as SUPERVISOR: (09)**

1. **Gaurav Gautam (2019)**
2. **Parakh Bashist (2019):**
3. **Ms Bisma Jan (2018):** Antioxidant, antidiabetic and anti microbial potential of Mulberry leaves and fruits for development of a functional drink (**Food Technology**)
4. **Mr Anil Kumar Saini (2018):** Metabolomic proofing of *Terminalia chebula* and *Quercus infectoria* as a substitute of plant *Pistacia integrima* (**Dabur MOU, Pharmacognosy**)
5. **Mr Satyendra Kumar (2018):** Anti allergic and anti asthamatic potential of *Terminalia chebula* and *Quercus infectoria* as a substitute of plant *Pistacia integrima* (**Dabur MOU, Pharmacology**)
6. **Mr Rajesh Kumar Verma (October 2017):** Effect of Aging, Incision & storage conditions on Metabolomic profile & Guggulusterone contents of *Commiphora Wightii* (Arnott) Bhandari. (**MOU candidate, Dabur**)

7. **Ms Soumi Datta (October 2017):** *In vitro* production of Guggulosterones in *Commiphora wightii* (Arnott) Bhandari (MOU candidate, Dabur)
8. **Mr Mohammad Ibrahim (2018):** Exploring anti-diabetic potential of *Picrorrhiza kurroa* and *Aegle marmelos* using in vitro, in vivo and Metabolomics approaches (Pharmacology)
9. **Mr Sultan Zaheeruddin (September 2017):** Metabolomic profiling and stability analysis of Arqiyat of Unani Pharmacopoeia of India
10. **Mr Mohd Umar (September 2017):** Identification of rich natural plant sources of Vitamin D and exploration for development of its formulation
11. **Mr Hafizur Rehman (January 2016),** Gut microbiota based metabolomics profiling and anticancer potential of terpenoid enriched fraction of *Ganoderma leucidum* P. Karst

#### **Ph. D. currently registered AS CO-SUPERVISOR: (06)**

1. **Ms Yasmeena (2018):** Development of Whey based vitamin D supplement
2. **Mr Abdul Qadir (2017):**
3. **Mr Najmuddin (2017):** Role and Evaluation of Bisehri Booti (*Aerva lanata* Linn) – A Unani Medicinal plant on Benign Prostatic Hyperplasia (BPH). Registered in Department of Biotechnology at JMI as CCRUM Unani Candidate
4. **Mr Anishur Rehman (2017):** Highthroughput Screening and identification of anti-diabetic compounds of Safoof-e-zibetis a Unani formulation and its constituents. Registered in Department of Biotechnology at JMI as CCRUM Unani Candidate
5. **Mr Tinu Anand Kin (October 2016):** Physiological analysis and optimization of calcium and zink for improved nutritional value of *Abelmoschus esculentus* (L) Moench and *Daucus carota* L. Registered in Department of Botany
6. **Ms Rishika Chauhan (October 2013),** Druggability of bioactivity guided fraction of *Phyllanthus amarus* for liver disorder: in vitro, in vivo and metabolomics approach, SFS

#### **SCIENTISTS (POST DOC) WORKED IN DIFFERENT RESEARCH PROJECTS:**

1. **Dr Abida Parveen** (BUMS, MSC Clinical Research) SRF Unani in CCRUM Project (September 2017-September 2019)
2. **Dr Neelofar Khan (Ph D) (Feb 2016 onward)** DST Fast track young Scientist
3. **Dr Shabana** (Ph D). UGC Women Post Doc Fellow (2014 July onward)
4. **Dr Priyanka Bagri** (Ph D). UGC Women Post Doc Fellow (2014 August onward)
5. **Dr Mahaveer Singh** (Ph D), DS Kothari awardee (July 2013 –Dec 2014)
6. **Dr Tamanna Jahangir (Ph D)**, (January 2009 – Dec 2010)- DST Fast track young Scientist
7. **Dr. Miss. Shabana Rehman (M.D. Unani)**, (September 2008 – August 2011). in CCRUM - UPC project2.
8. **Dr. Miss. Seemin Showkat (BUMS)**, (September 2008 – August 2011). in CCRUM - UPC project1.

#### **PATENTS:**

- **Indian Patent:** K Chandra, Vineet Jain, Sayeed Ahmad, SK Jain (2019), A Natural Phytochemical Dietary supplement for prevention treatment and management of diabetes mellitus, Jamia Hamdard & HIMSR, PN: IPR/.../2019
- **US Patent:** A Dokenia, DA Pearson, K Khan, Sayeed Ahmad (March 2017): A process for Preparing purified GLA, US provisional application no 62/454,810.
- **Indian Patent:** Sanjula Baboota, **Sayeed Ahmad**, Javed Ali, Tanwir Athar and S. Mohamed Mustafa (DOF: Sept, 2014); Emulgel based topical dosage form in sustained manner containing herbal extract for the treatment of Psoriasis and a process for preparing the same, Jamia Hamdard & CCRAS, PN: IPR/13062/2013.

#### **PUBLICATIONS: (269)**

[Books 02, Mannuals 04, Book Chapters 06, Popular articles 03, Review Articles 28, Research Papers 197 (43<sup>N</sup> + 154<sup>I</sup>), Proceedings 07, Short papers in journals 22]

Abstracts in National and International Conferences: >300

#### **BOOKS: (02)**

1. **Sayeed Ahmad (2015). A Laboratory Manual of Pharmacognosy**, ISBN: 9789384588892, IK International, New Delhi, for UG students of Pharmacy (Practical), 120 pages, 2015,

2. **Sayeed Ahmad (2012). Introduction to Pharmacognosy, ISBN: 978-93-80026-48-0, IK International, New Delhi, for UG students of Pharmacy (Theory and Practical), 406 pages, 2012,**

#### **Laboratory Manuals for B. Pharm Pharmacognosy Practical (04)**

1. Sayeed Ahmad & Rabea Parveen (2015). Pharmaceutical biology Manual (B Pharm 1st Sem)
2. Sayeed Ahmad & Rabea Parveen (2015). Families and General Chemical tests Manual (B Pharm 2<sup>nd</sup> Sem)
3. Sayeed Ahmad & Varisha Anjum (2015). Industrial Pharmacognosy Manual 1 (B Pharm 7<sup>th</sup> Sem)
4. Sayeed Ahmad, Rabea Parveen & Varisha Anjum (2015). Industrial Pharmacognosy Manual 2 (B Pharm 8<sup>th</sup> Sem)

#### **BOOK CHAPTERS: (06)**

1. Abida Parveen, Bushra Parveen, Rabea Parveen, **Sayeed Ahmad**. An Overview of traditionally used aromatic waters: The Arqiyat of Unani System of Medicine. Traditional Medicine. NISCAIR publications. In Press
2. Parveen R, Parveen B, Parveen A, **Ahmad S**. Andrographolide from *Andrographis paniculata*: From traditional herb to nanomedicine for cancer therapy. In Husen A and Iqbal M (Eds). Nanomaterials and Plant Potential. Published by Springer, 2018. (In Press)
3. **Ahmad S**, Nanda A, Dhiman A, Sharma A (2015). Bioflavonoids and their future prospects. In: Flavonoids and Antioxidants, Recent Progress in Medicinal Plants, by Manohar Pathak and JN Govil, Vol. 40. Studium press LLC, USA. ISBN No. 1-62699-077-8. Page numbers 142-162
4. Madhukar Garg, Tamboli ET, **Sayeed Ahmad** (2014). Pharmacognostical evaluation of plant drugs with special emphasise on chromatography: *Adhatoda vasica* leaves, In Current Trends in Medicinal Botany by A. Ahmad, T.O. Siddiqui, M. Iqbal, IK International Press, New Delhi, Chapter – 8, pp 142-155, **ISBN: 9789382332503**
5. **S. Ahmad**, M. Singh, E.T. Tamboli, M. Garg, R. Parveen, (2011), Phytochemistry and pharmacology of some medicinal plants, In Medicinal Plants in Changing Environment by A. Ahmad, T.O. Siddiqui, M. Iqbal, Capital Press, New Delhi, pp 315-331. ISBN 10: 8185589143 / ISBN 13: 9788185589145
6. **Sayeed Ahmad** (2007). Plant constituents, National Scientific Digital Library content preparation by NISCAIR, E-book, 2007, <http://hdl.handle.net/123456789/708>.

#### **POPULAR ARTICLES: (03)**

1. Priyamka Bagri, Karishma Chester, MH Rehman, Washim Khan, **Sayeed Ahmad** (2017). TLC bioautographic method for identification of alpha glucosidase inhibitors from *Salacia oblonga*, Chrom+food Forum (Modern methods and Latest Trends), 07, 26-27.
2. Ahmad, S., (2015). National seminar on regulatory and quality aspects of herbal drugs and botanicals; **Journal of Pharmacy and Bioallied Sciences**, p. 245. doi:10.4103/0975-7406.168039
3. Shreesh Ojha, **Sayeed Ahmad**, (2010). Andrographis: The King of Bitters, **Science Reporter**, NISCAIR CSIR, 47(3), 53-54. (Popular Article), ISSN: 0036-8512

#### **REVIEW ARTICLES IN PEER REVIEWED JOURNALS: (28)**

##### **2018-2016**

1. M. Fahim, B. Shrivastava, A. K. Shrivastava, M. Ibrahim, R. Parveen, S. Ahmad. Review on extraction methods, antioxidant and antimicrobial properties of volatile oils. *Annals of Phytomedicine*, 2018; 6(2): 5-46.
2. Bagri P, Chester K, Khan Washim, **Ahmad S**. (2017). Aspects of extraction and biological evaluation of naturally occurring sugar-mimicking sulfonium-ion and their synthetic analogues as potent  $\alpha$ -glucosidase inhibitors from *Salacia*. **RSC Advances**, 7, 28152-28185. (I.F. 3.23)
3. K Chester, ET Tamboli, SK Paliwal, S Ahmad, (2016) Significance of molecular markers in pharmacognosy: A modern tool for authentication of herbal drugs, **Drug Development and Therapeutics** 7 (2), 96
4. Dhiman A, Nanda A, **Sayeed Ahmad** (2016). A Quest for staunch effects of flavonoids: Utopian protection against hepatic ailments, **Arabian Journal of Chemistry**, 9, S2, S1813-S1823. (<http://dx.doi.org/10.1016/j.arabjc.2012.05.001>). ISSN: 1878-5352, IF 4.52
5. Khan, M.A., Ali, R., Parveen, R., Najmi, A.K., **Ahmad, S.**, (2016). Pharmacological evidences for cytotoxic and antitumor properties of Boswellic acids from *Boswellia serrata*. **J Ethnopharmacol.** 2016 Jun 21. pii: S0378-8741(16)30413-5. doi: 10.1016/j.jep.2016.06.053, ISSN, 0378-8741, IF 3.99

##### **2015-2010**

6. V Anjum, SH Ansari, S Ahmad (2015). Mechanistic approach of drug discovery from natural substances for thrombocytopenia: A major cause of death in dengue fever patients, *Annals of Phytomedicine* 4(2): 34-48 (ISSN: 2278-9839)
7. Parveen, A., Parveen, B., Parveen, R., Ahmad, S., (2015). Challenges and guidelines for clinical trial of herbal drugs. **Journal of Pharmacy and Bioallied Sciences**, pp. 329–333. doi:10.4103/0975-7406.168035. ISSN 0975-7406

8. Singh, A., Ahmad, S., Ahmad, A., (2015). Green extraction methods and environmental applications of carotenoids-a review. **RSC Adv.**, 5, 62358-62393. doi:10.1039/c5ra10243j, ISSN · 2046-2069, **IF 3.289**
9. Ovais Sareer, **Sayed Ahmad** & Shahid Umar, (2014). *Andrographis paniculata*: a critical appraisal of extraction, isolation and quantification of andrographolide and other active constituents, **Natural Product Research: Formerly Natural Product Letters**, 28(23), 2081 – 2101, ISSN · 1478-6419, **IF 0.527**
10. M.A. Khan, M. Singh, M.S. Khan, W. Ahmad, A. K. Najmi, **S. Ahmad**, (2014) Alternative approach for mitigation of doxorubicin induced cardiotoxicity using herbal agents. **Current Clinical Pharmacology**, 9(3), 288-297. **ISSN: 2212-3938** (Online) 1574-8847 (Print)
11. **Ahmad S**, Garg M, Tamboli E, Abdin M, Ansari S. (2013) In vitro production of alkaloids: Factors, approaches, challenges and prospects. **Pharmacognosy Reviews**, 7(13):27-33. **ISSN: Print -0973-7847, Online - 0976-2787**
12. Jameel M., Ansari J. A., Ali A., Tamboli E.T., **Ahmad S.** "Hepatoprotective evidence of higher altitude medicinal plant *Picrorhiza kurroa* Royle ex Benth: "threatened with extinction" **Journal of Herbal Medicine and Toxicology** 2012; 6(2): 1-5. **ISSN: 0973-4643**
13. Dhiman A, Nanda A, **Sayed Ahmad** (2012). A recent update in research on anti-hepatotoxic potential of medicinal plants, **J Chin Integr Med.** 10 (2), 117 – 127, (DOI: 10. 3736/jcim2012). **ISSN: 1672-0415** (print version), **ISSN: 1993-0402** (electronic version), **IF 1.4**
14. Dhiman A, Nanda A, **Sayed Ahmad** (2012). Novel Herbal Drug Delivery System (NHDDS): the need of Hour, International Conference on Environment, Chemistry and Biology IPCBEE vol.49 (2012) © (2012) IACSIT Press, Singapore DOI: 10.7763/IPCBEE. 2012. V49. 34, pp 171-175.

#### **2010-2004**

15. Mohamed Musthaba, Sanjula Baboota, Tanwir M.D. Athar, Kamal Y.T, **Sayed Ahmad** and Javed Ali, (2010), Patented Herbal Formulations and their Therapeutic Applications, **Recent Patents on Drug Delivery & Formulation**, 4(3), 231-244. **ISSN: 2212-4039** (Online), **ISSN: 1872-2113** (Print)
16. Swati Madan, **Sayed Ahmad**, G N Singh, Kanchan Kohli, Y Kumar, Raman Singh and Madhukar Garg (2010). *Stevia rebaudiana* (Bert.) Bertoni – A Review, **Indian Journal of Natural Products and Resources**, 1 (3), 267-286. **ISSN 0976-0504, 09760512.**
17. Nititn D., Baboota S., **Sayed Ahmad** and Ali J., (2010) Silymarin: A review of pharmacological aspects and bioavailability enhancements approaches, **Indian Journal of Pharmacology**, 42(S1), S38-S45. **ISSN 0253-7613, IF 0.68**
18. **Sayed Ahmad**, S. Rehman, M. A. Ahmad, K. M. Siddiqui, S. Shaikat, M. S. Khan, Kamal Y. T., T Jahangir (2010). Khamiras, a natural cardiogenic: An overview, **Journal of Pharmacy and Bioallied Sciences**, 2(2), 93-99. **ISSN: Print -0976-4879, Online - 0975-7406**
19. Gupta, M., Mukhtar, H.M., **Ahmad, S.** (2010). Phyto-pharmacological and plant tissue culture overview of *Tylophora indica* (burm f.) Merrill, **Journal of Pharmaceutical Sciences and Research** 2 (7), 401-411. **IF-0.145 ISSN 0975-248X**
20. SM Musthaba, S Baboota, **Sayed Ahmad**, A. Ahuja, J Ali, (2009). Status of novel drug delivery technology for Phytotherapeutics, **Expert Opin. Drug. Deliv.**, 6(6), 625-637. (**IF: 4.16**), **ISSN: 1742-5247** (print), 1744-7593 (electronic) **Sayed Ahmad**, R. Zafar (2009). Anti-AIIDS agents used in Indian Systems of Medicine and Medicinal Plants of India, **Hamdard Medicus**, 52 (1), 50-62. **ISSN. 0250-7188.**
21. S.M. Musthaba, **Sayed Ahmad**, Alka Ahuja, Javed Ali and Sanjula Baboota (2009). Nano Approaches to Enhance Pharmacokinetic and Pharmacodynamic Activity of Plant Origin Drugs, **Current Nanosciences**. 5 (3), 344-352. (**IF-1.5**). **ISSN: 1875-6786** (Online) **ISSN: 1573-4137** (Print)
22. **Sayed Ahmad**, M. Garg, M. Ali, M. Singh, M.T. Athar (2009). Phytochemical and Pharmacological review on *Adhatoda vasica* (Linn.) Nees. **Natural Product Radiance**, 8 (5), 549-554. **ISSN: 0976-0512** (Online)
23. Swati Madan, **Sayed Ahmad**, G N Singh, Kanchan Kohli, Y Kumar and Raman Singh, (2008). Chemical and Biological Properties of *Stevia rebaudiana*, **Hamdard Medicus**, 51 (4), 30-48.
24. Parveen R., Baboota S., **Ahmad S.**, (2008). Approaches used for oral bioavailability enhancement of herbal drugs, **Online Journal of Pharmacology and Pharmacokinetics**, 4, 18-31.
25. Nititn D., Baboota S., **Sayed Ahmad** and Ali J., (2007) Silymarin: A review of pharmacological aspects and bioavailability enhancements approaches, **Indian Journal of Pharmacology**, 39(4), 172-179. **IF-0.68**
26. R. Zafar, **Sayed Ahmad** and Mohd. Mujeeb, (2007). *Convolvulus microphyllus* Sieb – Phytochemical and Biological properties, **Hamdard Medicus**.50, 1, 40 – 46.
27. R. Zafar, **Sayed Ahmad** and Mohd. Mujeeb, (2006). *Convolvulus prostrates* Forsk – Phytochemical and Biological Properties – A Review, **Journal of Economic and Taxonomic Botany**, 30, 1.
28. Azhar M.U., **Khan S. A.**, Khanam D., Aslam M., Tajuddin, Jafri M.A. (2004), Plants with Nephrotoxic activity. **Journal of Science and Pharmacy**, 5 (3), 97-103.

## IMPACT FACTOR OF REVIEWS

### NATIONAL RESEARCH PUBLICATIONS (43)

#### 2017

1. Waseem Ahmad, **Sayed Ahmad (2017)** New fatty acid and aromatic monoterpenic esters from the leaves of *Didymocarpus pedicellata* R. Br., **Indian Drugs**, 54(11), 28-32. ISSN **0019-462X**
2. Mandal, B., Madan, S., Ahmad, S. (2017) In vitro inhibition of calcium oxalate nucleation by extract-based fractions of aerial parts and roots of *Aerva lanata* (Linn.) Juss. ex Schult, *Indian J Pharm Sci* 2017;79(6): 957-964, 10.4172/pharmaceutical-sciences.1000313, ISSN **0250-474X**

#### 2016

1. Aziz Ahmed, **Sayed Ahmad**, Kirti Soni, Bhavana Lapa, Mohd. Afzal, Kazal Sharma, Gaurav Kumar (2016) Suitable solvent and drying condition to enhance phenolics and extractive value of *Saussurea costus*. **Journal of Ayurvedic and Herbal Medicine**, 2016; 2(5): 165-170, ISSN: 2454-5023
2. A Mueed, S Joshi, S Agarwal, S Jha, MJ Alam, I Ahmad, MHR Ansari, SayeedAhmad (2016). Isolation and characterization of novel flavan glycosides from *Viscum angulatum* B. Heyne ex DC. and screening for hypoglycemic activity, **Annals of Phytomedicine**, 5(2), 124-130. (ISSN: 2393-9885)
3. Y Khan, HR Ansari, R Chauhan, ET Tamboli, S Ahmad (2016). Comparative gas chromatography-mass spectroscopy, Fourier transform infrared spectroscopy, and high-performance liquid chromatography analysis of essential oils extracted using 4 methods from the leaves of *Eucalyptus globulus* L., **Drug Development and Therapeutics** 7 (2), 81. (ISSN 2394-6555)
4. R Chauhan, I Ahmad, Y Khan, ET Tamboli, S Ahmad (2016). Characterization of *Arachis hypogaea* L. oil obtained from different extraction techniques and in vitro antioxidant potential of supercritical fluid extraction extract, **Drug Development and Therapeutics** 7 (2), 87. (ISSN 2394-6555)
5. Khan, M., Kanjilal, S., Gupta, A., Ahmad, S., (2016). Antimicrobial activity of sugar-based semisolid polyherbal ayurvedic formulation: Chyawanprash. **Drug Dev. Ther.** 7, 31. doi:10.4103/2394-6555.180159, (ISSN 2394-6555)
6. Ahmad, W., Khan, W., Khan, M., Mohd Mujeeb, Arif Zaidi, S., Ahmad, S., (2016). Quality control analysis of Safoof-e-Pathar phori: Antiurolithiatic formulation. **Drug Dev. Ther.** 7, 20. doi:10.4103/2394-6555.180163., (ISSN 2394-6555)
7. Bushra Parveen, Sayeed Ahmad and Krishna Kolappa Pillai (2016) *In vivo* activity and pharmacokinetic analysis of combination of piperine and subtherapeutic dose of sodium valproate in refractory epilepsy, **Annals of Phytomedicine** 5(1): 73-79, (ISSN: 2393-9885).
8. Kamal, Y., Singh, M., Salam, S., Ahamd, S., (2016). Standardization of Unani polyherbal formulation, Qurse-e-Hummaz: A comprehensive approach. **Drug Dev. Ther.** 7, 39. doi:10.4103/2394-6555.180161, (ISSN 2394-6555)
9. Khan, M., Kumar, S., Gupta, A., Ahmad, S., (2016). Screening of two new herbal formulations in rodent model of urolithiasis. **Drug Dev. Ther.**, 7, 34. doi:10.4103/2394-6555.180160, (ISSN 2394-6555)
10. Garg, M., Tamboli, E., Kamal, Y., Ansari, S., Ahmad, S., (2016). Quantification of vasaka alkaloids in in vitro cultures and in natural leaves from Indian subcontinents by reversed phase- high performance liquid chromatography. **Drug Dev. Ther.** 7, 51. doi:10.4103/2394-6555.180165, (ISSN 2394-6555)
11. Mallick, M.N., Khan, W., Singh, M., Najm, M.Z., Kashif, M., Ahmad, S., Husain, S., (2016). In vitro anticancer potential of *Semecarpus anacardium* Linn. **Drug Dev. Ther.** 7, 55. doi:10.4103/2394-6555.180167, (ISSN 2394-6555)
12. Khan, M., Khan, W., Ahmad, W., Singh, M., Ahmad, S., (2016). Quality control analysis of Khamira Abresham Hakim Arshad Wala and Khamira Marwareed. **Drug Dev. Ther.** 7, 47. doi:10.4103/2394-6555.180164, (ISSN 2394-6555)
13. Athar, M., Musthaba, S., Al-Asmari, A., Baboota, S., Ali, J., Ahmad, S., (2016). Quality control of an antipsoriatic ayurvedic herbal Formulation: Lajjalu Keram. **Drug Dev. Ther.** 7, 43. doi:10.4103/2394-6555.180162, (ISSN 2394-6555)

#### 2015

14. Mohammad Ahmed Khan, Satyendra Kumar, J.L.N. Sastry, Arun Gupta and Sayeed Ahmad, (2015). Analgesic and anti-inflammatory potential of three new topical polyherbal formulations in wistar rats, **Annals of Phytomedicine** 4(1): 90-93, (ISSN: 2393-9885)
15. Wasim Ahmad, Syed Mohammad Arif Zaidi and Sayeed Ahmad, (2015). Validated UPLC-Q-TOF-MS method for quantitative determination of emodin in rhizome of *Rheum emodi* Wall. ex Meissn. and its traditional polyherbal formulation using three different extraction techniques, **Annals of Phytomedicine** 4(1): 68-73. (ISSN: 2393-9885)

16. Sayeed Ahmad, Madhukar Garg, Ennus Tajjudin Tamboli and Rasheeduz Zafar (2015) Normal and genetically transformed tissue cultures of *Calotropis procera* (Ait) R.Br. for production of secondary metabolites, **Annals of Phytomedicine** 4(2): 77-82, 2015, (ISSN: 2278-9839)
17. MS Khan, W Khan, M Manickam, R kumar Tulsawani. (2015). Quantification of Flavonoids and Nucleoside by UPLC-MS in Indian *Cordyceps sinensis* and its In-vitro Cultures. **Indian Journal of Pharmaceutical Education and research**, 49(4), 353-361. [ISSN-0019-5464], **IF 0.4**
18. Garg, M., Tamboli, E.T., Singh, M., Chester, K., Abdin, M.Z., Chandna, R., Ahmad, S., (2015). RAPD based assessment of genetic diversity of *Adhatoda vasica* Leaves from different sub-continent of India. **Indian Journal of Pharmaceutical Education and Research**, 49(3):231-239. doi:10.5530/ijper.49.3.9, [ISSN-0019-5464], **IF 0.4**
19. Mhaveer Singh, Y. T. Kamal, M. A. Khan, R. Parveen, S. H. Ansari, **S. Ahmad**, 2015. Matrix Solid-Phase Dispersion Extraction and Quantification of Alpinetin in Amomum Seed Using Validated HPLC and HPTLC Method. **Ind J Pharm Sci**, 77(1), 49-54. **IF-0.296**
20. Singh, M., Khan, M.A., Khan, M.S., Ansari, S.H., Ahmad, S., (2015). Quality assessment and evaluation of in-vitro antioxidant potential of *Phyllanthus emblica* L. **Indian Journal of Traditional knowledge**, 14(2), 265–272. (ISSN: 0975-1068) **IF-0.438**

#### **2014**

21. Mhaveer Singh, Shahid H. Ansari and Sayeed Ahmad (2014) Production and estimation of asarone in in vitro cultures of *Acorus calamus* Linn. **Annals of Phytomedicine** 3(2): 82-86. ISSN 2393-9885.
22. Habib Ur Rehman, Jameel Ahmad, Karishma Chester, Tamboli Ennus Tajuddin and Sayeed Ahmad (2014) Chemoprofiling and tissue culture studies on *Picrorhiza kurroa* Royle ex Benth. for production of picroside II, **Annals of Phytomedicine** 3(2): 70-77. ISSN 2393-9885.
23. Chanda, S., **Ahmad, S.**, Singh, K., 2014. Comparison of in vitro antioxidant potential of fractioned *Paederia foetida* leaf extract. **International Journal of Drug Development & Research** 6(2):105-109.
24. Chanda S, Gehlot V, Das R, Mahant S, Das K, Singh K, **Ahmad S.** Antimicrobial activity of herbal extract against drug-resistant *Helicobacter pylori* isolates from India. **World J Pharm Res** 2014;3: 1234-43.
25. Wasim Ahmad, S. M. Arif Zaidi, **Sayeed Ahmad** (2014) Quality control analysis of *Didymocarpus pedicellata* R. Br. **Indian Journal of Traditional Knowledge**, 13(1), 175-180, (ISSN: 0975-1068) **IF-0.438**

#### **2013-12**

26. Mhaveer Singh, Y. T. Kamal, M. A. Khan, Rabea Parveen and **Sayeed Ahmad**, (2013). In vitro antioxidant activity and HPTLC analysis of *Borago officinalis* Linn, **Indian Journal of Pharmaceutical Education and Research**, 47(4), 24-30. [ISSN-0019-5464], **IF 0.4**
27. Wasim Ahmad, Mohd. Mujeeb, S. M. Arif Zaidi, **Sayeed Ahmad**. (2013) Current strategy for research on quality identification of *Rheum emodi* Wall. rhizome. **International Journal of Drug Development and Research**, 5(1) 297-304. ISSN: 0975-9344. **IF-0.18**
28. Fahamiya, N., Aslam, M., Siddique, A., Shiffa, M., Hussain, A., **Ahmad, S.**, & Javid, K. (2012). Pharmacognostical, physiochemical and phytochemical investigation of *Althaea rosea* Linn. **International Journal of Pharmaceutical Research and Development**, 4(3), 129-14. ISSN 0974-9446. **IF-2.01**
29. Anju Dhiman, Arun Nanda, **Sayeed Ahmad**, B Narasimhan (2012). In vitro anti-microbial status of methanolic extracts of *Citrus sinensis* Linn. Fruit peel, **Chronicles of Young Scientists**, 3(3): 204-208. p-ISSN: 2229-5186 e-ISSN: 0975-9212.
30. Kaushik Sunil, Khan N, **Ahmad S**, Singh M, Gupta S, (2012). Comparative pharmacognostical evaluation and HPTLC fingerprinting of *Nicotiana tabacum* L root collected from different geographical region of India, **Central European Journal of Experimental Biology**, 1(1) 18-25. ISSN: 0975-5071. **IF-0.748**
31. Gupta AK, Kaur K, Alam N, **Ahmad S**, Agrawal OP, Alam P (2012). Comparative Standardization of Roots of *Boerhaavia diffusa* Linn. From Two Different Geographical Regions, **Research Journal of Pharmacy and Technology** 5(1): 114-118. ISSN 0974-360X (ONLINE) ISSN 0974-3618 (PRINT)

#### **2010 -2003**

32. Madhurima, Ansari S. H., **Sayeed Ahmad**, Akhtar M. S., Alam P., (2010). Anti-oxidant potential of aqueous extracts of *Cassia fistula* L. leaves, **Journal of Natural Remedies**, 10(2), 181-183. ISSN: 1861-0293
33. Gupta M, Singh M, Mukhatr HM, **Ahmad Sayeed** (2010). HPTLC Fingerprinting of different leaf extracts of *Tylophora indica* (Burm f.) Merrill. **PHCOG J**, 2(11), 381-385. ISSN: 0975-3575 **IF-1.115**
34. M Gupta, D K Arya, S Singh, A K Johri, H M Mukhtar, **Sayeed Ahmad**, (2010). Anti-bacterial Activity of Aqueous and Methanolic Leaves Extract of *Tylophora indica* (brum f.) Merrill and its Total Microbial Load, **Inventi Rapid: Ethnopharmacology**. 1:1, 24. **E- ISSN: 0976-7568, P- ISSN: 2229 -4155**

35. M. S. Alam, M. A. Ahmad, A. K. Najmi, M. Asif, **Sayed Ahmad**, (2008) Aqueous Methanolic Extract of *Punica Granatum* Protect Against Alcohol Induced Gastric Ulcer in Rats, **Natural Products: An Indian Journal**, 4(1), 91-94.
36. Madhurima, S.H. Ansari, Mohd.Ali, Prawez Alam, Md. Sohail Akhtar, **Sayed Ahmad** (2007) Pharmacognostic evaluation of *Calendula officinalis* L. flowers. **Natural Products: An Indian Journal** 3(3) 183-186.
37. Swati Balian, **Sayed Ahmad**, R. Zafar (2006). Anti-inflammatory activity of leaf and leaf callus of *Silybum marianum*(L.) in albino rats. **Indian Journal of Pharmacology**, 38(3), 213-214. **IF-0.679**
38. R. Zafar and **Sayed Ahmad**, (2006). HPTLC fingerprints of *Ephedra gerardiana* Wall. And *Sida acuta* Burm. **Analytical Chemistry an Indian Journal**, 2(5-6), 212-215.
39. R. Zafar, S. Balian and **Sayed Ahmad**, (2006). Production of silybin from callus culture of *Silybum marianum* (L.) Gaertn **Natural Products: An Indian Journal** 2(3-4) 84-88.
40. Vidhu Aeri, R. Zafar, **Sayed Ahmad** and P.I. Khan (2005). Quantitative estimation of Phyllanthin in *Phyllanthus niruri* Linn. and some polyherbal hepatoprotective formulations by **HPTLC**, **Indian Journal of Natural Products**, 21(1), 12-13. **IF-0.580**
41. R. Zafar, **Sayed Ahmad** and Mohd. Mujeeb, (2005). Estimation of scopoletin in leaf and leaf callus of *Convolvulus microphyllus* Sieb by **RP-HPLC** method, **Indian Journal of Pharmaceutical Sciences**, 67(5). 600. **IF 0.296**
42. Azhar M.U., Akhtar F., **Khan S. A.**, Aslam M., Javed K., Jafri M.A. (2004), Nephroprotective effects of *Dolichos biflorous* (Kulthi) on gentamicine induced nephrotoxicity in mice, **Journal of Science and Pharmacy**, 5 (2), 50-53.
43. R. Zafar, Eram Siddiqui, Deeba Siddiqui, Shoib Ahmad, **Sayed Ahmad**, and Shaqib Zafar (2003), Preliminary Phytochemical Screening and Antimicrobial Activity of *Trigonella foenum-gracum*, **Journal of Science and Pharmacy**. 4 (3), 97-100.

## **IMPACT FACTOR-**

### **INTERNATIONAL RESEARCH PUBLICATIONS (152)**

#### **2018 -19**

1. Rabea Parveen, Farhan Jalees Ahmad, Zeenat Iqbal, Bushra Parveen, Syed Akhtar Husain, **Sayed Ahmad**, 2019. Antitumor Potential of Andrographolide: Nanoparticles preparation, In vitro and In vivo Studies, **Journal of Biomedical Nanotechnology**, **Accepted for publication, (IF-5.06)**
2. Rehan Abdur Rub Washim Khan **Sayed ahmad**, 2019. CHROMATOGRAPHIC PROFILING OF ITRIFAL FORMULATIONS USING TLC, GC-MS AND UPLC-MS, Accepted for Publication in special issue of **J AOAC International (IF-1.12)**
3. Sultan Zaheeruddin, Abida Parveen, Mohd Ibrahim, Rabea Parveen, **Sayed Ahmad**, 2019. HPTLC FINGERPRINTING, GCMS ANALYSIS AND STABILITY STUDIES OF ARQIYAT MENTIONED IN UNANI PHARMACOPOEIA OF INDIA, Accepted for Publication in special issue of **J AOAC International (IF-1.12)**
4. Rabea Parveen, Nausheen khan, **Sayed Ahmad**, 2019. TLC-BIOAUTOGRAPHIC EVALUATION OF CITRULLUS COLOCYNTHIS FOR HIGH-THROUGHPUT SCREENING AND IDENTIFICATION OF ANTIOXIDANT AND ANTIDIABETIC COMPOUNDS, Accepted for Publication in special issue of **J AOAC International (IF-1.12)**
5. Omi Laila Majeed, Imtiyaz Murtaza, MZ Abidin, MS Khan, **Sayed Ahmad**, 2019. Development and validation of a high-performance thin-layer chromatography based method for the quantification of trigonelline in fenugreek (*Trigonella foenum-graecum* ) seeds, 2019, **JPC - Journal of Planar Chromatography - Modern TLC**, 32(2):95-102, DOI: 10.1556/1006.2019.32.2.3, **(IF-0.491)**
6. Wasim Ahmad, SMA Zaidi, **Sayed Ahmad**, 2019. Didymocarpus Pedicellatus R. Br.: Qualitative and Quantitative GCMS Approach for Quality Control in Traditional Poly-Herbal Formulation with In Vitro Antioxidant and Antimicrobial Activity, **Oriental Journal of Chemistry** 35(2):648-657, DOI: 10.13005/ojc/350220 **(IF-0.831)**
7. Amir M, Ahmad N, Sarfaroz M, Ahmad W, **Ahmad S**, Mujeeb M. 2019. Pharmacognostical, Physicochemical Standardization and In vitro Antioxidant Activity of *Punica granatum* Linn fruit, 2019. **Pharmacognosy Journal** 11(2):272-277, DOI: 10.5530/pj.2019.11.42
8. Shabana Parveen, Mohd Hafizur rehman Ansari, Rabea Parveen, Washim Khan, **Sayed Ahmad**, Syed Akhtar Husain, 2019. Chromatography based metabolomics and in silico screening of *Gymnema sylvestre* leaf extract for its anti-diabetic potential. **Evidence-based Complementary and Alternate Medicine**, 2019; 2019: 7523159, doi: [10.1155/2019/7523159](https://doi.org/10.1155/2019/7523159) **(IF-1.931)**
9. Karishma Chester, Sulatn Zaheeruddin, Adil Ahmad, Washim Khan, Sarvesh Paliwal, **Sayed Ahmad**, 2019. Bioautography based identification of antioxidant metabolites of *Solanum nigrum* L. and exploration its hepatoprotective potential against D-galactosamine induced hepatic fibrosis in rats, **Pharmacognosy Magazine**, 2019, 15: 62, 104-110. DOI: 10.4103/pm.pm\_359\_18, **(IF-1.5)**
10. Mohd. Fahim, Mohammad Ibrahim, Sultan Zahiruddin, Rabea Parveen, Washim Khan, **Sayed Ahmad**, Birendra Shrivastava, A. K. Shrivastava, 2019. TLC-Bioautography identification and GC-MS analysis of antimicrobial and antioxidant active compounds in *Musa paradisiaca* L. fruit pulp essential oil. **Phytochemical Analysis**. 2019; 30(3):332-345. doi: 10.1002/pca.2816. Epub 2019 Jan 4. **(IF-2.497)**

11. Mohd Mughees, Mohd Samim, **Sayed Ahmad** & Saima Wajid, Comparative analysis of the cytotoxic activity of extracts from different parts of *A. absinthium* L. on breast cancer cell lines and correlation with active compounds concentration, *Plant Biosystems-An International Journal Dealing with all Aspects of Plant Biology*, Published online in Nov 2018, <https://doi.org/10.1080/11263504.2018.1527792>
12. Mehrun Nisha Khanam, Mohammad Anis, **Sayed Ahmad**, 2018. Establishment of adventitious root cultures of *Allamanda cathartica* L. for the production of iridoid glycosides and its identification using HPTLC MS. *Industrial Crops & Products*. 2018; 125: 198-206. (IF-4.07)
13. Kailash Chandra, Washim Khan, Sujata Jetley, **Sayed Ahmad**, SK Jain. 2018. Antidiabetic, toxicological, and metabolomic profiling of aqueous extract of *Cichorium intybus* seeds. *Pharmacognosy Magazine* 2018; 14(57): 377-383. (IF-1.5)
14. S anwar, W Khan, **S Ahmad**, BP Panda, U Bhandari, 2018, Trigonelline inhibits intestinal microbial metabolism of choline and its associated cardiovascular risk *Journal of Pharmaceutical and Biomedical Analysis*;159:100-112. doi: 10.1016/j.jpba.2018.06.027. Epub 2018 Jun 28. (IF-2.89)
15. Habiba Shafique, Abdul Ahad, Washim Khan, Muzamil Yaqub Want, Prakash Chandra Bhatt, **Sayed Ahmad**, Bibhu Prasad Panda, Mohd Mujeeb, Ganoderic acid -loaded solid lipid nanoparticles ameliorate d-galactosamine induced hepatotoxicity in Wistar rats, *Journal Drug Delivery Science and Technology* 2019, 50, 48-56 (IF-1.3)
16. Mandal B, Madan S, **Ahmad S**, Zahiruddin S. 2018, Suppression of the mechanisms of stone formation by a flavonoid-enriched ethyl acetate fraction of aerial and underground parts of *Aerva lanata* (Linn.) Juss. ex Schult. *Phcog Mag*;14:630-7. Available from: <http://www.phcog.com/text.asp?2018/14/59/630/250160>. (IF-1.3)

## 2017

17. Arshid Hussain Ganie, Altaf Ahmad, Peerzada Yasir Yousuf, Renu Pandey, **Sayed Ahmad**, Ibrahim M Aref, Muhammad Iqbal (2017). Nitrogen-regulated changes in total amino acid profile of maize genotypes having contrasting response to nitrogen deficit, *Protoplasma*, 254: 2143-2154, DOI 10.1007/s00709-017-1106-z. IF 2.343, ISSN: 1615-6102
18. Mallick MN, Khan W, Parveen R, **Ahmad S**, Sadaf, Najm MZ, Ahmad I, Hussain SA. (2017). Exploring the Cytotoxic Potential of Triterpenoids-enriched Fraction of *Bacopa monnieri* by Implementing In vitro, In vivo, and in silico Approaches. *Phcog Mag*, 13 (51), 595-606. IF 1.256, ISSN 0976-4062
19. Anwar, N., Kamal, Y.T., Ahmad, M.A., Akhtar, M., **Ahmad, S.** (2017). Antimicrobial and wound healing potential of Marham-e-Aatshak (a herb-o-mineral formulation), *Pakistan Journal of Pharmaceutical Sciences*. 30(5), 1535-1543, ISSN 1011601X
20. Chester K, Paliwal S, Khan W and **Ahmad S** (2017) UPLC-ESI-MS/MS and HPTLC Method for Quantitative Estimation of Cytotoxic Glycosides and Aglycone in Bioactivity Guided Fractions of *Solanum nigrum* L. *Front. Pharmacol.* 8:434. doi: 10.3389/fphar.2017.00434, IF 4.418, ISSN1663-9812
21. Varisha Anjum, P Arora, SH Ansari, **Sayed Ahmad** (2017) Antithrombocytopenic and immunomodulatory potential of metabolically characterized aqueous extract of *Carica papaya* leaves, *Pharmaceutical Biology*, 55 (1): 2043-2056, DOI: 10.1080/13880209.2017.1346690, IF 1.241, ISSN, 1388-0209
22. M Amir, MN Mallick, N Ahmad, A. Ali, **S Ahmad**, M Akhter, M Mujeeb (2017). Hepatoprotective effects of *Punica granatum* fruit against D-galactosamine-induced hepatotoxicity in rats: in vitro and in vivo studies, *International Journal of Pharmacy and Pharmaceutical Sciences*, 9(8):168-172, DOI: 10.22159/ijpps.2017v9i8.18449, ISSN 0975 - 1491
23. S Chanda, **S Ahmad**, K Singh, R Tiwari (2017) Targeted Metabolite Analysis of Iridoids of *Paederia foetida*: A Popular Tribal Edible Plant of Northeast India, *Asian Journal of Chemistry*, Vol. 29, No. 8 (2017), 1713-1717. <https://doi.org/10.14233/ajchem.2017.20585>, ISSN: 0975-427X
24. Washim Khan, Karishma Chester, Varisha Anjum, Wasim Ahmad, **Sayed Ahmad**, Avinash Narwaria, Das Prasanta Kumar, C.K. Katiyar (2017). Chromatographic profiling of Pancharishta at different stages of its development using HPTLC, HPLC, GC-MS and UPLC-MS, *Phytochemistry Letters*, 20, 391-400. , IF 1.8, ISSN: 1874-3900
25. Washim Khan, Rabea Parveen, Karishma Chester, Shabana Parveen, **Sayed Ahmad**, (2017) Hypoglycemic potential of aqueous extract of *Moringa oleifera* leaf and in vivo GC-MS metabolomics, *Frontiers in Pharmacology*, 8, 577, Man ID: 259217, doi: 10.3389/fphar.2017.00577, IF 4.418, ISSN1663-9812
26. Hamid Khan, Asgar Ali, Alka Ahuja, **Sayed Ahmad** (2017). Application of Validated HPTLC Method for Dissolution Study of FDC Tablets Containing Telmisartan and Hydrochlorothiazide, *Research Journal of Pharmacy and Technology* 10(4):1149, DOI: 10.5958/0974-360X.2017.00207.4, ISSN 0974-360X
27. Ikshith Sharma, Washim Khan, Rabea Parveen, Md. Javed Alam, Iftekhar Ahmad, Mohd Hafizur Rehman Ansari, and **Sayed Ahmad** (2017). Anti-urolithiasis activity of bioactivity guided fraction of *Bergenia ligulata* against ethylene glycol induced renal calculi in rat., *BioMed Research International*, ArticleID1969525, <https://doi.org/10.1155/2017/1969525>, IF 2.429, ISSN: 2314-6141
28. Yasheshwar, S Umar, MP Sharma, Washim Khan, **Sayed Ahmad** (2017), Variation in ornamental traits, physiological responses of *Tagetes erecta* L. and *T. patula* L. in relation to anti-oxidant and metabolic profile under deficit irrigation strategies, *Scientia Horticulturae*, 214, 200-208, <http://dx.doi.org/10.1016/j.scienta.2016.11.037>, IF 1.538, ISSN: 0304-4238

29. Santosh Kumar · Md. Jahangir Alam · Pankaj Prabhakar, **Sayed Ahmad**, Shyamal K. Goswami, (2017). Proteomic Analysis of the Protective Effects of Aqueous Bark Extract of Terminalia arjuna (Roxb.) on Isoproterenol-induced Cardiac Hypertrophy in Rats, **Journal of Ethnopharmacology**, 198, 98-108. DOI: 10.1016/j.jep.2016, **IF 3.99**, ISSN: 1872-7573
30. Washim Khan, Shreesh Gupta, **Sayed Ahmad** (2017). Toxicology of the aqueous extract from the flowers of Butea monosperma Lam. and it's metabolomics in yeast cells, **Food and Chemical Toxicology**, 108, 486-497. DOI: 10.1016/j.fct.2017.02.001, **IF 3.584**
31. Arora, P., Ansari, S.H., Anjum, V., Mathur, R., **Ahmad, S.** (2017). Investigation of anti-asthmatic potential of Kanakasava in ovalbumin-induced bronchial asthma and airway inflammation in rats, **Journal of Ethnopharmacology**, 197, 242-249, doi:10.1016/j.jep.2016.07.082., ISSN, 0378-8741, **IF 3.99**, ISSN: 0278-6915
32. Zahiruddin, S., Khan, W., Nehra R, Alam M J, Mallick M N, Parveen R, **Ahmad S.** (2017). Pharmacokinetics and comparative metabolic profiling of iridoid enriched fraction of Picrorhiza kurroa-An Ayurvedic Herb, **Journal of Ethnopharmacology**, 197, 157-164. <http://dx.doi.org/10.1016/j.jep.2016.07.072>, ISSN, 0378-8741, **IF 3.99**, ISSN: 1872-7573
33. I Sharma, W Khan, S Ahmad (2017). In vitro and ex vivo approach for anti-urolithiatic potential of bioactive fractions of gokhru with simultaneous HPLC analysis of six major metabolites and their exploration in rat plasma, **Pharmaceutical Biology** 55 (1), 701-711, **IF 1.241**, ISSN, 1388-0209

## **2016**

34. Aziz Ahmed, **Sayed Ahmad**, Kirti Soni, Bhavana Lapa, Mohd. Afzal, Kazal Sharma, Gaurav Kumar (2016) Suitable solvent and drying condition to enhance phenolics and extractive value of Saussurea costus, **Journal of Ayurvedic and Herbal Medicine**, 2016, 2(5): 165-170, **ISSN**, 2454-5023
35. O SAREER, N BERNSTEIN, **S AHMAD**, U Shahid, (2016). Genetic, Developmental and Temporal Variability in Nitrate Accumulation and Nitrate Reductase Activity in Medicinal Herb Andrographis paniculata, **Pedosphere** 26 (6), 839-847, **IF 1.53**, **ISSN**, 1002-0160.
36. AH Ganie, PY Yousuf, A Ahad, R Pandey, **S Ahmad**, IM Aref, JJ Noor, Iqbal M (2016). Quantification of phenolic acids and antioxidant potential of inbred, hybrid and composite cultivars of maize under different nitrogen regimes. **Journal of Environmental Biology** 37 (6), 1273-1279. ISSN: 0254-8704 (Print) **IF 0.64**,
37. Arora, P., Ansari, S.H., Anjum, V., Najmi AK, **Ahmad, S.** (2016). Investigation of anti-asthmatic potential of dried fruits of Vitis vinifera L. in animal model of bronchial asthma, **Allergy, Asthma & Clinical Immunology**, 12 (1), 42, DOI: 10.1186/s13223-016-0145-x, ISSN: 1710-1492, **IF 2.283**.
38. Singh, A., Ahmad, I., **Ahmad, S.**, Iqbal, Z., Ahmad, F.J., (2016). A novel monolithic controlled delivery system of resveratrol for enhanced hepatoprotection: nanoformulation development, pharmacokinetics and pharmacodynamics. **Drug. Dev. Ind. Pharm.** 42, 1524–1536. doi:10.3109/03639045.2016.1151032, ISSN 0363-9045, **IF 2.429**
39. Amir, M., Khan, M.A., **Ahmad, S.**, Akhtar, M., Mujeeb, M., Ahmad, A., Khan, S.A., Al-Abbasi, F.A., (2016). Ameliorating effects of Tamarindus indica fruit extract on anti-tubercular drugs induced liver toxicity in rats. **Nat. Prod. Res.**, 30, 715–719. doi:10.1080/14786419.2015.1039001, ISSN · 1478-6419, **IF 0.527**
40. Kamal, Y.T., Singh, M., Salam, S., **Ahmad, S.**, (2016). Simultaneous quantification of piperlongumine and piperine in traditional polyherbal formulation using validated HPLC method. **Acta Chromatogr.** 28(4), 489-500. doi:10.1556/1326.2016.28.4.7, ISSN 1233-2356, **IF 0.69**
41. Al Sinani SS, Eltayeb EA, Kamal YT, Masood SK, **Ahmad S** (2016) Variations in the cytotoxic glycoalkaloids solamargine and solasonine in different parts of the *Solanum incanum* plant during its growth and development in Oman, **Journal of Taibah University for Science** 10 (6), 813-822 (<http://dx.doi.org/10.1016/j.jtusci.2014.11.013>), ISSN: 1658-3612.

## **2015**

42. Ali, A., Sumbul, S., Ahmad, M.M., Ahmad, S., Kabir, H., Abdin, M.Z., (2015). Development of standard operating procedure and standardization of Habb-e-Banafsha Qawi-A Unani polyherbal formulation. **Journal of Pharmacy and Bioallied Sciences**, 7(4), pp. 250–253. doi:10.4103/0975-7406.168019, ISSN 0975-7406.
43. Mallick, M.N., Akhtar, M.S., Najm, M.Z., Tamboli, E.T., Ahmad, S., Husain, S.A., (2015). Evaluation of anticancer potential of *Bacopa monnieri* L. against MCF-7 and MDA-MB 231 cell line. **Journal of Pharmacy and Bioallied Sciences**, 7(4), pp. 325–328. doi:10.4103/0975-7406.168038, ISSN 0975-7406
44. Singh, M., Tamboli, E.T., Kamal, Y.T., Ahmad, W., Ansari, S.H., Ahmad, S., (2015). Quality control and in vitro antioxidant potential of *Coriandrum sativum* Linn. **Journal of Pharmacy and Bioallied Sciences**, 7(4), pp. 280–283. doi:10.4103/0975-7406.168026, ISSN 0975-7406
45. Anwar, N., Khan, M.S., Kabir, H., Ahmad, S., (2015). Effect of detoxification (tadbeer) in content of toxic metabolites of *Strychnos nux-vomica*: A Unani approach for its use in human. **Journal of Pharmacy and Bioallied Sciences**, 7(4), pp. 314–316. doi:10.4103/0975-7406.168034, ISSN 0975-7406

46. Chauhan, R., Chester, K., Khan, Y., Tamboli, E.T., Ahmad, S., (2015). Characterization of *Linum usitatissimum* L. oil obtained from different extraction technique and in vitro antioxidant potential of supercritical fluid extract. **Journal of Pharmacy and Bioallied Sciences**, **7(4)**, pp. 284–288. doi:10.4103/0975-7406.168027, ISSN 0975-7406
47. Fahim, M., Singh, M., Kamal, Y.T., Mukhtar, H.M., Ahmad, S., (2015). A high performance thin layer chromatographic method for the estimation of colchicine in different formulations. **Journal of Pharmacy and Bioallied Sciences**, **7(4)**, pp. 260–263. doi:10.4103/0975-7406.168021, ISSN 0975-7406
48. Kamal, A., Khan, W., Ahmad, S., Ahmad, F.J., Saleem, K., (2015). Development and validation of high-performance liquid chromatography and high-performance thin-layer chromatography methods for the quantification of khellin in *Ammi visnaga* seed. **Journal of Pharmacy and Bioallied Sciences**, **7(4)**, pp. 308–313. doi:10.4103/0975-7406.168033, ISSN 0975-7406
49. Khan, M.S., Khan, W., Ahmad, W., Singh, M., Ahmad, S., (2015). Bergenin determination in different extracts by high-performance thin-layer chromatographic densitometry. **Journal of Pharmacy and Bioallied Sciences**, **7(4)**, pp. 272–274. doi:10.4103/0975-7406.168024, ISSN 0975-7406
50. Khan, M.S., Parveen, R., Mishra, K., Tulsawani, R., Ahmad, S., (2015). Determination of nucleosides in *Cordyceps sinensis* and *Ganoderma lucidum* by high performance liquid chromatography method. **Journal of Pharmacy and Bioallied Sciences**, **7(4)**, pp. 264–266. doi:10.4103/0975-7406.168022, ISSN 0975-7406
51. Khan, M.S., Parveen, R., Mishra, K., Tulsawani, R., Ahmad, S., (2015). Chromatographic analysis of wheatgrass extracts. **Journal of Pharmacy and Bioallied Sciences**, **7(4)**, pp. 267–271. doi:10.4103/0975-7406.168023, ISSN 0975-7406
52. Khan, M.A., Gupta, A., Kumar, S., Ahmad, S., Sastry, J.L.N., (2015). Hepatoprotective activity of a new polyherbal formulation against paracetamol and D-galactosamine induced hepatic toxicity. **Journal of Pharmacy and Bioallied Sciences**, **7(4)**, pp. 246–249. doi:10.4103/0975-7406.168018, ISSN 0975-7406
53. Khan, M.A., Gupta, A., Sastry, J.L.N., Ahmad, S., (2015). Hepatoprotective potential of kumaryasava and its concentrate against CCl<sub>4</sub>-induced hepatic toxicity in Wistar rats. **Journal of Pharmacy and Bioallied Sciences**, **7(4)**, pp. 297–299. doi:10.4103/0975-7406.168029, ISSN 0975-7406
54. Parveen, R., Baboota, S., Ali, J., Ahuja, A., Ahmad, S., (2015). Stability studies of silymarin nanoemulsion containing Tween 80 as a surfactant. **Journal of Pharmacy and Bioallied Sciences**, **7(4)**, pp. 321–324. doi:10.4103/0975-7406.168037, ISSN 0975-7406
55. Singh, M., Khan, M.A., Khan, M.S., Ansari, S.H., Ahmad, S., (2015). Standardization and in vitro antioxidant activity of jatamansi rhizome. **Journal of Pharmacy and Bioallied Sciences**, **7(4)**, pp. 275–279. doi:10.4103/0975-7406.168025, ISSN 0975-7406
56. Tamboli, E.T., Chester, K., Ahmad, S., (2015). Quality control aspects of herbs and botanicals in developing countries: *Coleus forskohlii* Briq a case study. **Journal of Pharmacy and Bioallied Sciences**, **7(4)**, pp. 254–259. doi:10.4103/0975-7406.168020, ISSN 0975-7406
57. Parveen, B., Pillai, K.K., Tamboli, E.T., Ahmad, S., (2015). Effect of piperine on pharmacokinetics of sodium valproate in plasma samples of rats using gas chromatography-mass spectrometry method. **Journal of Pharmacy and Bioallied Sciences**, **7(4)**, pp. 317–320. doi:10.4103/0975-7406.168036, ISSN 0975-7406
58. A. Ahmed, S. Ahmad, M. Ur-Rahman, T.E. Tajuddin, R. Vema, M. Afzal, P.S. Mehra, (2015). Quantitative Analysis of Bacoside A from *Bacopa monnieri*, Collected from Different Geographic Regions of India, by High-Performance Thin-Layer Chromatography–Densitometry. **J. Planar Chromatogr.** 28 (2015) 287–293. ISSN: 0933-4173, **IF 1.247**.
59. Pramod, K., Ilyas, U.K., Singh, M., Kamal, Y.T., Ahmad, S., Ansari, S.H., Ali, J., (2015). High-Performance Thin-Layer Chromatographic Analysis of Eugenol in Developed Nanoemulsion Gel and Nanoparticles: Validation of a Stability-Indicating Method. **Acta Chromatogr.** 27, 571–582. doi:10.1556/ACHrom.27.2015.3.12, ISSN 1233-2356, **IF 0.69**
60. Shukla, S.K., Sharma, S.B., Singh, U.R., Ahmad, S., Dwivedi, S., (2015). Terminalia arjuna (Roxb.) wight & Arn. Augments cardioprotection via antioxidant and antiapoptotic cascade in isoproterenol induced cardiotoxicity in rats. **Indian J Exp Biol.** 2015 Dec;53(12):810-8. ISSN: 0019-5189, **IF 0.835**
61. Singh, M., Kamal, Y.T., Khan, M.A., Parveen, R., Ansari, S.H., Ahmad, S., (2015). Marker Based In-vitro Antioxidant Potential, Microscopy and Validated High Performance Thin Layer Chromatographic Method for Saffron. **Proceedings of the National Academy of Sciences, India - Section B: Biological Sciences**, 85(2) · June 2014, DOI: 10.1007/s40011-014-0355-2, ISSN: 0369-8211, **IF 0.67**.
62. Chanda, S., Deb, L., Tiwari, R.K., Singh, K., Ahmad, S., (2015). Gastroprotective mechanism of *Paederia foetida* Linn. (Rubiaceae) - a popular edible plant used by the tribal community of North-East India. **BMC Complement Altern Med.** 2015 Sep 3; 15:304. doi: 10.1186/s12906-015-0831-0., ISSN: 1472-6882, **IF 2.94**
63. Ganie, A.H., Ahmad, A., Pandey, R., Aref, I.M., Yousuf, P.Y., Ahmad, S., Iqbal, M., (2015). Metabolite profiling of low-P tolerant and low-P sensitive maize genotypes under phosphorus starvation and restoration conditions. **PlosOne**, June 2015. 10. doi: 10.1371/journal.pone.0129520, ISSN · 1932-6203, **IF 3.057**.
64. Mishra, P.K., Prakash, B., Kedia, A., Dwivedy, A.K., Dubey, N.K., Ahmad, S., (2015). Efficacy of *Caesulia axillaris*, *Cymbopogon khasans* and *Cymbopogon martinii* essential oils as plant based preservatives against degradation of raw materials of *Andrographis paniculata* by fungal spoilage. **International Biodeterioration & Biodegradation**, 104, October 2015, Pages 244–250. doi: 10.1016/j.ibiod.2015.06.015, ISSN: 0964-8305, **IF 2.90**

65. Mallick, M.N., Singh, M., Parveen, R., Khan, W., Ahmad, S., Zeeshan Najm, M., Husain, S.A., (2015). HPTLC Analysis of Bioactivity Guided Anticancer Enriched Fraction of Hydroalcoholic Extract of *Picrorhiza kurroa*, **BioMed Research International**. Volume 2015 (2015), Article ID 513875. doi:10.1155/2015/513875, (ISSN: 2314-6141), **IF 2.134**
66. Y. T. Kamal, M. Singh, **S. Ahmad**, Prawez Alam, S. Shahana. (2015). Stability-Indicating RP-HPLC Method for the Determination of 6-Gingerol in Polyherbal Herbal Formulations. **Journal of Analytical Science and Technology** (2015) 6:23 pp 1-7, DOI 10.1186/s40543-015-0056-3, (ISSN: 2093-3371)

## 2014

67. Laila, O., Murtaza, I., Abdin, M.Z., **Ahmad, S.**, Ganai, N.A., Jehangir, M., 2014. Development and Validation of HPTLC Method for Simultaneous Estimation of Diosgenin and Quercetin in Fenugreek Seeds (*Trigonella foenum-graceum*). **ISRN Chromatography**. Volume 2014 (2014), Article ID 583047. doi: dx.doi.org/10.1155/2014/583047 (ISSN: 2090—8636).
68. Aziz Ahmed, Mahfoozur Rahman, Tamboli E. Tajuddin, Tanwir Athar, Mhaveer Singh, Madhukar Garg and **Sayed Ahmad**. (2014). Effect of Nutrient Medium, Phytohormones and Elicitation Treatment on *in-vitro* Callus Culture of *Bacopa monniera* and Expression of Secondary Metabolites. **The Natural Products Journal**, 4(1):13-17. (ISSN: 2210-3163)
69. Mhaveer Singh, Kamal YT, Mohammed A Khan, Rabea Parveen, Ansari SH, **Sayed Ahmad**, (2014) Marker Based In-vitro Antioxidant Potential, Microscopy and Validated HPTLC Method for Quality Control of Saffron Stigma. **Proceedings of the National Academy of Sciences, India Section-B, Biological Sciences**, DOI 10.1007/s40011-014-0355-2, ISSN: 0369-8211, **IF 0.4**.
70. Kamran Ashraf, Mohd Mujeeb, Altaf Ahmad, Sayeed Ahmad, Niyaz Ahmad & Mohd Amir (2014). Determination of Gingerols in Ginger by Ultra-High-Performance Liquid Chromatography-Tandem Mass Spectrometry, **Analytical Letters**, 47:12, 2120-2128, ISSN 0003-2719 (Print), 1532-236X (Online), **IF 0.98**
71. Mohammad Ahmed Khan, Mhaveer Singh, Masood Shah Khan, Abul Kalam Najmi, and **Sayed Ahmad** (2014). Caspase Mediated Synergistic Effect of *Boswellia serrata* Extract in Combination with Doxorubicin against Human Hepatocellular Carcinoma, **BioMed Research International**, Volume 2014 (2014), Article ID 294143, 11 pages <http://dx.doi.org/10.1155/2014/294143> (**IF 2.706**), ISSN: 2314-6133e-ISSN: 2314-6141.
72. Wasim Ahmad, Syed Mohammad Arif Zaidi, Mohd Mujeeb, Shahid Hussain Ansari, **Sayed Ahmad**. (2014) HPLC and HPTLC Methods by Design for Quantitative Characterization and in vitro Antioxidant Activity of Polyherbal Formulation Containing *Rheum emodi*. **Journal of Chromatographic Sciences** (J Chromatogr Sci (2013) doi: 10.1093/chromsci/bmt123, First published online: August 26, 2013), 52(8), 911-8. **IF 1.026**, Online ISSN 1945-239X - Print ISSN 0021-9665
73. Rabea Parveen, F. J. Ahmad, Z. Iqbal, M. Samim, and **Sayed Ahmad** (2014). Solid lipid nanoparticles of anticancer drug andrographolide: formulation, in vitro and in vivo studies, **Drug Development and Industrial Pharmacy**, 40(9): 1206-1212. ISSN: 0363-9045 (**IF-2.006**)
74. Siddique NA, Ahmad S, Mujeeb M (2014). Mechanism Based Protective Effect of Delphinium denudatum on Cisplatin Induced Nephrotoxicity, **World Journal of Pharmacy and Pharmaceutical Sciences**, 3:3, 2063-2077. ISSN 2278 – 4357.
75. Khan MS, Singh M, Khan MA, Ahmad S. (2014) Protective effect of *Santalum album* on doxorubicin induced cardiotoxicity in rats, **World Journal of Pharmaceutical Research**, 3(2), 2760-2771. (ISSN 2277-7105).
76. Umar, S., Umar, K., Sarwar, A.H.Md.G., Khan, A., Ahmad, N., Ahmad, S., Katiyar, C.K., Husain, S.A., Khan, H.A. (2014). *Boswellia serrata* extract attenuates inflammatory mediators and oxidative stress in collagen induced arthritis, **Phytomedicine**, 21(6), 847-56. (doi: 10.1016/j.phymed.2014.02.001). ISSN: 0944-7113, **IF 3.237**.
77. Tariq, M., Iqbal, Z., Ali, J., Baboota, S., Parveen, R., Mirza, M., Ahmad, S., Sahni, J. (2014). Development and validation of a stability-indicating high-performance thin-layer chromatographic method for the simultaneous quantification of sparfloxacin and flurbiprofen in nanoparticulate formulation, **Journal of Planar Chromatography - Modern TLC**, 27 (2), 124-131. (**IF-1.394**). ISSN 0933-4173 Online ISSN 1789-0993.
78. Ashraf K, Ahmad A, Chaudhary A, Mujeeb M, **Ahmad S**, Amir M, Mallick N. (2014) Genetic diversity analysis of zingiber officinale roscoe by RAPD collected from subcontinent of india. **Saudi Journal of Biological Sciences**, 21(2), 159-165. (DOI, <http://dx.doi.org/10.1016/j.sjbs.2013.09.005>), ISSN: 1319-562X, **IF 0.741**.
79. Santosh Kumar Shukla, Suman Bala Sharma, Usha Rani Singh, **Sayed Ahmad**, Shridhar Dwivedi, Ankur Maheshwari, Manmohan Misro. (2014) *Eugenia jambolana* Pretreatment Prevents Isoproterenol-Induced Myocardial Damage in Rats: Evidence from biochemical, molecular and histopathological studies. Accepted for publication in **Journal of Medicinal Food**, 17(2), 244-253. **ISSN: 1557-7600, IF 1.699**.
80. Garg M., Tamboli E.T., Singh M., Kamal Y.T., Parveen R., **Ahmad S**. (2014). "Rapid, sensitive and validated UPLC/Q-TOF-MS method for quantitative determination of vasicine in *Adhatoda vasica* and its in vitro culture" **Pharmacogn Mag**. 10(37), 198-205. ISSN: Print -0973-1296, Online - 0976-4062], **IF 1.525**.
81. Rabea Parveen, F.J. Ahmad, Z. Iqbal, M. Singh, Y.T. Kamal and **Sayed Ahmad** (2014) Simultaneous Estimation of Anti-cancer Terpenoids in Pharmaceutical Nano-formulation by RP-HPLC and HPTLC **Acta Chromatographica**, 26(2), 391-400. (DOI: 10.1556/AChrom.26.2014.2.13). (**IF-1.16**). ISSN: 1233-2356

## 2013

82. Kamal A, Singh M, Ahmad FJ, Saleem K, **Ahmad S.** (2013) A validated HPTLC method for the quantification of podophyllotoxin in podophyllum hexandrum and etoposide in marketed formulation. *Arabian Journal of Chemistry* 2013. (<http://dx.doi.org/10.1016/j.arabjc.2013.09.027>), ISSN: 1878-5352, **IF 2.684.**
83. Pramod K, Ilyas UK, Kamal YT, Ahmad S, Ansari SH, Ali J (2013). Development and validation of RP-HPLC-PDA method for the quantification of eugenol in developed nanoemulsion gel and nanoparticles. *Journal of Analytical Science and Technology*, 2013, 4:16, (DOI:10.1186/2093-3371-4-16). (<http://www.jast-journal.com/content/4/1/16>), ISSN: 2093-3371, **IF 0.821.**
84. Mohd Amir, M. Mujeeb, S. Usmani, A. Ahmad, S. Ahmad, W. A. Siddique, Mohammad Aqil (2013). A Validated Quantitative High Performance Thin - Layer Chromatographic Method for Estimation of Strychnine in *Strychnos Nux Vomica* Seed Extract and Marketed Unani Formulation, *International Journal of Applied Science and Engineering*, 11, 2: 149-158. ISSN 2278-6252.
85. Mohd Amir, Mohd Mujeeb, Sayeed Ahmad, Mohd Akhtar, Kamran Ashraf (2013). Design expert-supported development and validation of HPTLC method: An application in simultaneous estimation of quercetin and rutin in *Punica granatum*, *Tamarindus indica* and *Prunus domestica* *Pharmaceutical Methods*, 4, 2, 62-67. ISSN Print -2229-4708, Online - 2229-4716, **IF 0.4**
86. Ennus Tajuddin Tamboli, Mhaveer Singh, Kamal Y. T., Madhukar Garg, Rabea Parveen, Mohd Mujeeb and **Sayeed Ahmad** (2013) Metabolic diversity in *Coleus forskohlii* Briq. of Indian subcontinent, *Natural Product Research*, 27(19), 1737-1742. ISSN 1478-6419 (Print), 1478-6427 (Online), **IF 1.225**
87. Siddique, N. A., Mujeeb, M., **Ahmad, S.**, & Husain, A. (2012). Determination of total Phenolic and Flavanoid Contents in Traditionally used Aegle Marmelos Formulations by Spectrophotometric Method. *American Journal of PharmTech Research*, 2(3), 975-984. ISSN, 2249-3387
88. Nadeem A. Siddique, Mohd Mujeeb, **Sayeed Ahmad**, Bibhu P. Panda, Mohd Makhmoor, (2013) Determination of Aflatoxins in Medicinal Plants by High-Performance Liquid Chromatography–Tandem Mass Spectrometry, *J Pharm Pharm Sci* ([www.cspCanada.org](http://www.cspCanada.org)) 16(2) 321 – 330. ISSN: 1482-1826, **IF 2.6.**
89. Al Sinani SS, Eltayeb EA, Kamal YT, **Ahmad S** (2013). Quantitative estimation of Solasodine in *Solanum incanum* plants grown in Oman by HPTLC, *International Journal of Pharmacognosy and Phytochemistry*, 28(1), 1132-1139. [ISSN: 2051-7858]. **IF 1.58.**
90. Jahangir T, Safhi MM, Sultana S, **Ahmad S** (2013). *Pluchea lanceolata* protects against Benzo(a) pyrene induced renal toxicity and loss of DNA integrity, *Interdiscip Toxicol*, 6(1) 47-54 (DOI:10.2478/Intox-2013-0009) [ISSN: 1337-6853].
91. Singh M, Kamal Y, Tamboli E, Parveen R, Ansari S, **Ahmad S.** Glabridin (2013) A stable flavonoid of glycyrrhiza glabra: HPTLC analysis of the traditional formulation. *Journal of Planar Chromatography - Modern TLC*, 26(3):267-73. (IF-1.394). ISSN 0933-4173 Online ISSN 1789-0993.
92. Chester K, Tamboli ET, Parveen R, **Ahmad S.** (2013) Genetic and metabolic diversity in stevia rebaudiana using RAPD and HPTLC analysis. *Pharm Biol*, 51(6):771-7. ISSN: 1388-0209 (print), 1744-5116 (electronic), **IF 1.337.**
93. Kaur R, Afzal M, Kazmi I, Ahamd I, Ahmed Z, Ali B, **Ahmad S**, Anwar F. (2013) Polypharmacy (herbal and synthetic drug combination): A novel approach in the treatment of type-2 diabetes and its complications in rats. *Journal of Natural Medicines*, 67(3):662-71. ISSN: 1861-0293, **IF 1.447.**
94. Umar S, Golam Sarwar AHM, Umar K, Ahmad N, Sajad M, **Ahmad S**, Katiyar CK, Khan HA. (2013). Piperine ameliorates oxidative stress, inflammation and histological outcome in collagen induced arthritis. *Cell Immunol*, 284(1-2):51-9. ISSN. 0008-8749. **IF 2.14**
95. Vaibhav K, Shrivastava P, Khan A, Javed H, Tabassum R, Ahmed ME, Khan MB, Islam F, Moshahid Khan M, Islam F, **Ahmad S**, Siddiqui MS, Safhi MM. (2013). *Azadirachta indica* mitigates behavioral impairments, oxidative damage, histological alterations and apoptosis in focal cerebral ischemia-reperfusion model of rats. *Neurological Sciences*, 34(8):1321-30. ISSN: 1590-3478, **IF 1.495**
96. Athar MT, Tamboli ET, Ansari SH, **Ahmad S.** (2013) Quantification of eugenol in hydro-distilled clove oil (*eugenia caryophyllus*) and its marketed products by validated gc-ms method. *Journal of Herbs, Spices and Medicinal Plants*, 19(4):365-76. ISSN: 10496475, 15403580
97. Mirza MA, **Ahmad S**, Mallick MN, Manzoor N, Talegaonkar S, Iqbal Z. (2013) Development of a novel synergistic thermosensitive gel for vaginal candidiasis: An in vitro, in vivo evaluation. *Colloids and Surfaces B: Biointerfaces*, 103:275-82. (<http://dx.doi.org/10.1016/j.colsurfb.2012.10.038>), ISSN: 0927-7765, **IF 4.226**
98. Islam F, Tabassum R, Vaibhav K, Shrivastava P, Khan A, Ejaz Ahmed M, Javed H, Islam F, **Ahmad S**, Saeed Siddiqui M, Safhi MM. (2013) *Centella asiatica* attenuates the neurobehavioral, neurochemical and histological changes in transient focal middle cerebral artery occlusion rats. *Neurological Sciences*, 34(6):925-33. ISSN: 1590-3478, **IF 1.495**
99. Umar S, Kumar A, Sajad M, Zargan J, Ansari MM, **Ahmad S**, Katiyar CK, Khan HA. (2013) Hesperidin inhibits collagen-induced arthritis possibly through suppression of free radical load and reduction in neutrophil activation and infiltration. *Rheumatol Int*, 33(3):657-63. ISSN: 1437-160X, **IF 1.627.**

## **2012**

100. Gupta, G., Kazmi, I., Afzal, M., Rahman, M., Saleem, S., Ashraf, M.S., Khusroo, M.J., Nazeer, K., **Ahmad, S.**, Mujeeb, M., Ahmed, Z. and Anwar, F (2012). Sedative, antiepileptic and antipsychotic effects of *Viscum album* L. (Loranthaceae) in mice and rats, *Journal of Ethnopharmacology*, 141: 810– 816. ISSN: 18727573, 03788741, **IF 3.284**

101. Umar S, Mishra NK, Pal K, Sajad M, Neha, Ansari MM, **Ahmad S**, Katiyar CK, Khan HA. Protective effect of rutin in attenuation of collagen-induced arthritis in wistar rat by inhibiting inflammation and oxidative stress. *Indian Journal of Rheumatology*, 7(4):191-8. ISSN: 0973-3698
102. Nadeem Ahmad Siddique, Mohd Mujeeb, Aasif Husain, **Sayed Ahmad**. (2012) Determination of total phenolic and flavanoid contents in traditionally used *Aegle marmelos* formulations by spectrophotometric method. *Ame.J.Ptech.Res.*, 2(3) 975-984. ISSN: 2249-3387.
103. Karishma Chester, Tamboli ET, Singh M, **Sayed Ahmad** (2012) Simultaneous Quantification of stevioside and rebaudioside A in different stevia samples collected from Indian subcontinent, *Journal of Pharmacy and Bioallied Sciences*, 4: 4, 276-281. ISSN 0976-4879
104. Kamran Ashraf, Mohd Mujeeb, Altaf Ahmad, **Sayed Ahmad**, Mohd Amir, Md Nasar Mallick, Deepak Sharma (2012). Validated HPTLC method for quantification of variability in content of curcumin in *Curcuma longa* L (turmeric) collected from different geographical regions of India, *Asian Pacific Journal of Tropical Biomedicine*, 2(2): S584-S588. ISSN 1995-7645, IF 0.665
105. M T Athar, S M Musthaba, S Baboota, **S Ahmad**. (2012). 'Validated UPLC/QTOF-MS method for quantitative determination of salannin in wistar rat plasma: In vitro assay, ex vivo stability effects and pharmacokinetic'. *Advanced Science Letters*, 16(1), 173-178, (DOI:10.1166/asl.2012.3301). ISSN: 1936-6612 (Print): EISSN: 1936-7317 (Online), IF 1.253.
106. Sadiq Umar, Jamil Zargan, **Sayed Ahmad**, Chandra Kant Katiyar and Haider A. Khan (2012). Modulation of the oxidative stress and inflammatory cytokine response by thymoquinone in the collagen induced arthritis in Wistar rats, *Chemico-Biological Interactions*, 197(1): 40-46, <http://dx.doi.org/10.1016/j.cbi.2012.03.003>. ISSN: 0009-2797, IF 3.154
107. Sadiq Umar, M. Asif, Mir Sajad, Md. Meraj Ansari, Umar Hussain, Wasim Ahmad, Shadab Ahmad Siddiqui, **Sayed Ahmad** and Haider A. Khan (2012). Anti-inflammatory and antioxidant activity of *Trachyspermum ammi* seeds in collagen induced arthritis in rats. *International Journal of Drug Development & Research*, 2(1), 94-96. ISSN 2277-1506
108. A. Kamal, F. J. Ahmad, **S. Ahmad**, K. Saleem, (2012). A Validated HPLC method for the Quantification of Hypericin in *Hypericum Perforatum*, *Asian Journal of Chemistry*, 24(10), 4689-4692, (IF-0.42). ISSN: 0975-427X.
109. Mhveer Singh, Kamal Y.T., Tamboli Ennus Tajuddin, Rabea Parveen, Khalid Mahmood Siddiqui, Sayyed Mohd Arif Zaidi, **Sayed Ahmad** (2012). Rapid RP-HPLC Method for the Quantification of Glabridin in Crude Drug and in Polyherbal Formulation, *Journal of Chromatographic Science*, 50, 9, 779-784. (doi: 10.1093/chromsci/bms063 First published online: June 1, 2012), IF 1.026, Online ISSN 1945-239X - Print ISSN 0021-9665
110. M. Amir, Ajaz Ahmad, Nadeem A. S., Mujeeb M., **Sayed Ahmad**, W. A. Siddiqui (2012). Development and Validation of HPTLC method for estimation of Diosgenin in *in vitro* cultures and rhizome of *Dioscorea deltoidea*, *Acta chromatographica*, 24(1) 111-121, (IF-1.16). ISSN: 1233-2356
111. Mhveer Singh, Kamal Y.T., Tamboli Ennus Tajuddin, Rabea Parveen, Khalid Mahmood Siddiqui, Sayyed Mohd Arif Zaidi, **Sayed Ahmad** (2012). Simultaneous estimation of gallic acid, ellagic acid and ascorbic acid in *Emblica officinalis* and in Unani polyherbal formulations by validated HPLC method, *Journal of Liquid Chromatography & Related Technologies*, 35, 17, 2493-2502. IF-0.67, ISSN 1082-6076 (Print), 1520-572X (Online).
112. Fatima Hasan, FJ Ahmad, **S. Ahmad**, R K Khar, (2012) Development and Validation of a Stability- Indicating Method for Determination of Free Sterols in the Asian Medicinal Leech *Hirudo manillensis*" *Journal of Chromatographic Science*, 50(8), 673-679. (doi: 10.1093/chromsci/bms076 First published online: May 17, 2012), IF 1.026, Online ISSN 1945-239X - Print ISSN 0021-9665
113. MS Method for Simultaneous determination of Aceclofenac, Paracetamol and their degradation products in Tablets, *Journal of Liquid Chromatography & Related Technologies*, 35(1), 109-128. IF-0.67, ISSN 1082-6076 (Print), 1520-572X (Online).
114. Hamid khan, Mushir Ali, **Sayed Ahmad**, Niyaz Ahmad, Alka Ahuja, Sanjula Baboota and Javed Ali (2012) Validated UPLC/Q-TOF-
115. Imran Kazmi, Mahfoozur Rahman, Muhammad Afzal, Gaurav Gupta, Shakir Saleem, Obaid Afzal, Md. Adil Shaharyar, Ujjwal Nautiyal, **Sayed Ahmad**, Firoz Anwar (2012). Anti-diabetic potential of ursolic acid stearyl glucoside: A new triterpenic glycosidic ester from *Lantana camara*, *Fitoterapia*, 83, 142 – 146. IF 2.216, ISSN: 0367-326X.
116. Kamal Y, Mohammed Musthaba S, Singh M, Parveen R, Ahmad S, Baboota S, Ali I, Siddiqui KM, Arif Zaidi SM (2012). Development and validation of HPLC method for simultaneous estimation of piperine and guggulsterones in compound unani formulation (tablets) and a nanoreservoir system. *Biomedical Chromatography*, 26(10):1183-90. (DOI 10.1002/bmc.2676). . (IF-1.95), ISSN: 1099-0801.
117. Abid Kamal, Kamal YT, **Sayed Ahmad**, FJ Ahmad, Kishwar Saleem, (2012). Simultaneous HPTLC Determination of Strychnine and Brucine in *Strychnos nux – vomica* seed, *Journal of Pharmacy and Bioallied Sciences*, 4 (2) 134-139. ISSN 0976-4879

## 2011

118. S. Suri Vasudev, **S. Ahmad**, R. Parveen, C. K. Anish, M. Ali, A. K. Panda (2011). Formulation of PEG-ylated I-asparaginase loaded poly (lactide-co-glycolide) nanoparticles: influence of PEGylation on enzyme loading, activity and *in vitro* release, *Pharmazie* 66: 1–5 (2011), (doi: 10.1601/ph.2011.1058) IF: 1.396, ISSN: 1521-4184

119. Ali B, Mujeeb M, Aeri V, Mir SR, Ahmad S, Siddique NA, Faiyazuddin M, Shakeel F (2011). High-performance thin layer chromatographic quantification of bioactive psoralen and daidzein in leaves of *Ficus carica* L., **Nat Prod Res.** 25(17):1666-70. (IF: 1.01), ISSN: 1478-6419
120. S. Mohamed Musthaba, M.T. Athar, Kamal YT, **Sayed Ahmad** Javed Ali and Sanjula Baboota, (2011). Quantitative Estimation of Mimosine in Anti-Psoriatic Ayurvedic Formulation Containing Whole Plant Extract of *Mimosa pudica* by Validated Isocratic RP-HPLC Method, **Acta chromatographica**, 23(3): 531-538. [ISSN - 1233-2356], IF 0.881
121. Anju Dhiman, Arun Nanda, **Sayed Ahmad** (2011). Metal Analysis in *Citrus sinensis* fruit peel and *Psidium guajava* leaf, **Toxicology International**, 18(2), 117-121. ISSN: Print -0971-6580, Online - 0976-513
122. Mohd. Ali, Sanjar Alam, **S. Ahmad**, A. K. Dinda and F. J. Ahmad (2011). Determination of ivermectin stability by high-performance thin-layer chromatography, **Int. J. Drug Dev. & Res.**, 3(2), 240- 247. ISSN 0975-9344
123. Dhiman, A., Nanda, A., **Ahmad, S.**, Narasimhan, B. (2011). In vitro antimicrobial activity of methanolic leaf extract of *Psidium guajava* L., **Journal of Pharmacy and Bioallied Sciences**, 3 (2) 226-229. ISSN 0976-4879
124. Faiyazuddin, M., Rauf, A., Ahmad, N., **Ahmad, S.**, Iqbal, Z., Talegaonkar, S., Bhatnagar, A., Ahmad, F.J. (2011). A validated HPTLC method for determination of terbutaline sulfate in biological samples: Application to pharmacokinetic study, **Saudi Pharmaceutical Journal** 19 (3) 185-191. IF 1.000, ISSN: 1319-0164.
125. Rabea Parveen; Sanjula Baboota; Javed Ali; Alka Ahuja; Suruchi S Vasudev; **Sayed Ahmad** (2011). Oil based nanocarrier for improved oral delivery of silymarin: In vitro and in vivo studies, **International Journal of Pharmaceutics**, 413(1-2), 245-253. (IF 3.99) ISSN: 0378-5173
126. S. Mohamed Musthaba, M.T. Athar, Kamal YT, Sanjula Baboota, Javed Ali, and **Sayed Ahmad** (2011). Fast Analysis and Validation of Rutin in Anti-Psoriatic Ayurvedic Formulation by HPLC, **Journal of Liquid Chromatography & Related Technologies**. 34(6): 446-455 (IF-0.99). ISSN 1082-6076 (Print), 1520-572X (Online)
127. **Sayed Ahmad**, Kamal YT, Mahaveer Singh, Rabea Parveen, FJ Ahmad (2011). Development and validation of HPTLC method for estimation of Glycyrrhizic acid in Herbal formulation, **Asian J Chem.** 23(4) 2098-2100. (IF-0.42). ISSN: 0975-427X.
128. M. Singh, Y.T. Kamal, R. Parveen, **Sayed Ahmad** (2011). Separation and simultaneous quantification of  $\alpha$  and  $\beta$  asarone in *Acorus calamus* Linn. from Indian sub continent on caffeine modified silica, **Asian J Chem.** 23(5) 2046-2048. (IF-0.42). ISSN: 0975-427X.
129. Rabea Parveen, Sanjula Baboota, Javed Ali, Alka Ahuja and **Sayed Ahmad** (2011). Nanoemulsion as a Novel Carrier for Delivery of Silymarin Against Carbon Tetrachloride-Induced Hepatic Damage, **Archives of Pharmacal Research**, 34(5), 767-774. (IF-1.751), ISSN: 1976-3786.
130. **Ahmad S**, Kamal Y T, Singh M, Rabea Parveen (2011). Development and Validation of Stability Indicating HPTLC Method for Analysis of Arjunolic Acid in Herbal Formulation, **Journal of Planar Chromatography & Modern TLC**, 24(2), 172-175. (IF-1.394). ISSN 0933-4173 Online ISSN 1789-0993.
131. **Ahmad S**, Kamal Y T, Singh M, Rabea Parveen (2011). Quantitative Estimation of Berberine in *Berberis aristata* Fruits and in a Traditional Anti-Inflammatory Herbal Tablet Formulation by Validated HPLC Method, **Acta chromatographica**, 23(1): 157-168. (IF-1.16). ISSN: 1233-2356
132. **Ahmad S**, Kamal Y T, Singh M, Rabea Parveen, Athar M T, Ahmed A (2011). Development and validation of HPTLC method for the determination of gallic acid in crude drugs and herbal formulations, **Asian Journal of Chemistry**, 23(1), 469-470. (IF-0.42). ISSN: 0975-427X.
133. S. Mohamed Musthaba, MD Tanwir Athar, Sanjula Baboota, Alka Ahuja, Javed Ali and **Sayed Ahmad** (2011). HPTLC analysis of neem oil extract in herbal dosage form, **Asian Journal of Chemistry**, 23(1), 385 -387. (IF-0.42). ISSN: 0975-427X.

## **2010**

134. M. S. Alam, M. A. Ahmad, **Sayed Ahmad**, A.K. Najmi, T. Jahangir (2010). Protective effects of *Punica granatum* in experimentally induced gastric ulcers, **Toxicology Mechanisms and Methods**, 20(9), 572-578. (IF-1.548). ISSN: 1537-6516 (print), 1537-6524 (electronic)
135. Siddique N.A., Mujeeb M, Ansari S.H., **Ahmad S.**, Ali B., Aslam J., (2010). Development of Quality Standards of *Aegle marmelos* L. Leaves, **Journal of Phytology**, 2(2), 36-43. ISSN: 2075-6240
136. Salim Khan, F Al-Qurainy, Mauji Ram, **Sayed Ahmad**, M Z Abidin, (2010). Phyllanthin biosynthesis in *Phyllanthus amarus*: Schum and Thonn growing at different altitudes, **Journal of Medicinal Plants Research**, 4(1), 041-048. (IF-1.83), ISSN: 1944-9097.
137. A.K. Najmi, K.K. Pillai, S.N. Pal, M. Aquil, **Sayed A.**, (2009). Hepatoprotective and behavioral effects of Jigrine in Galactosamine induced hepatopathy in rats, **Pharmaceutical Biology**, 48(7), 764 – 769. (IF-1.335), ISSN: 1388-0209 (print), 1744-5116 (electronic)

138. Md. Faiyazuddin, **Sayed Ahmad**, Zeenat Iqbal, Sushma Talegaonkar, Farhan Jalees Ahmad, Aseem Bhatnagar and Roop Krishen Khar, (2010). Stability indicating HPTLC Method for Determination of Terbutaline Sulfate as Bulk Drug and from Submicronized Dry Powder Inhalers, **Analytical Sciences**, 26(4), 467-472. (IF-1.6), ISSN: 0910-6340.
139. Md. Faiyazuddin, Sanjula Baboota, Javed Ali, **Sayed Ahmad**, Juber Akhtar, (2010). Chromatographic findings and validation of bioactive trans & cis- citral in lemongrass oil and its topical phytonanocosmeceutical formulation, **Journal of Planner Chromatography- Modern TLC**, 23(3),233-236. (DOI: 10.1556/JPC.23.2010.3.00 ) (IF-0.67) ISSN 0933-4173 Online ISSN 1789-0993.
140. Preeti Jha, Rabea Parveen, Suroor A Khan, Ozair Alam, **Sayed Ahmad**, (2010). Stability-indicating High Performance Thin Layer Chromatographic (HPTLC) Method for Quantitative Estimation of Omeprazole in Capsule Dosage Form, **J AOAC International**, 93(3), 787 - 791. (IF-1.2), ISSN No. 1060-3271.
141. Rabea Parveen, Baboota S, **Sayed Ahmad**, Ali J, Ahuja A (2010). Stability-indicating HPTLC method for quantitative estimation of silybin in bulk drug and pharmaceutical dosage form, **Biomedical Chromatography**, 24(6), 639 - 647. (IF-1.95), ISSN: 1099-0801.

#### **2009**

142. Ali, J., Ali, M., **Ahmad, S.**, Bhavna, M. (2009). Stability-indicating HP TLC method for determination of donepezil hydrochloride in bulk drug and pharmaceutical dosage form, **Chemia Analytica**, 54 (6), 1501-1516. IF 0.56 ISSN. 0009-2223
143. P. Alam, Ali M. and **Sayed Ahmad**, (2009). A Validated HPLC Method for Estimation of Cordifolioside A in *Tinospora cordifolia*, Miers and Marketed Formulations, **Journal of Chromatographic Sciences**, 47(6), 910-913. (IF-1.026). ISSN 1945-239X - Print ISSN 0021-9665
144. M. Faiyazuddin, S Baboota, J Ali, A Ahuja, **S Ahmad**, (2009). Characterization and *in-vitro* bioactive studies of lemon grass oil phytonanoemulsion system in the treatment of acne vulgaris, **International Journal of Essential Oil Therapeutics**, 3(1), 13-21. ISSN: 1961-4209
145. Qayyoom Mir A, Yazdani T, **Ahmad S** and Yunus M (2009). Total flavonoids and phenolic content in *Catharanthus roseus* and *Ocimum sanctum* as biomarkers of urban auto pollution, **Caspian Journal of Environmental Sciences**, 7(1), 9-16. ISSN: 1735-3033
146. Faisal M.S, N Zerir, S Faiyaz, **Sayed Ahmad**, Kohli K, Khar R.K, (2009). A New TLC Densitometric method for Stability assessment of modafinil, **Chemia Analytica**, 54. 77-88, (IF-0.56). ISSN. 0009-2223
147. Madhurima, S. H. Ansari, Prawez Alam, **Sayed Ahmad** and Md. Sohail Akhtar, (2009). Pharmacognostic and Phytochemical analysis of *Gymnema sylvestre* leaves, **Journal of Herbal Medicine and Toxicology**, 3(1), 73-80. ISSN: 0973-4643

#### **2008**

148. N. Ahmad, Ali J, Baboota S and **Sayed Ahmad**, (2008). Development and validation of HPLC method for analysis of psoralen in babchi oil, **Acta Chromatographica**, 20 (2), 277-282 (DOI:10.1556/A Chrom.20.2008.2.12). (IF-1.16).
149. M. A. Bhat, **Sayed Ahmad**, A. Mujib, M. Zafar (2008). Elicitor induced enhanced production of solasodine in *in vitro* cultures of *Solanum nigrum* L., **Chemical and Pharmaceutical Bulletin**. 56, 1, 17-21. (IF-1.62).
150. **Sayed Ahmad**, R. Ahmad, R Parveen and M. Aquil, (2008). A Stability-indicating HPTLC method for determination of forskolin in crude drug and pharmaceutical dosage form, **Chromatographia**, 67, 4-5, 41 – 47. (IF-1.438).
151. Madan S., Kohli K., Singh R., Mir S. R. & **Sayed Ahmad** (2008). A new flavanone from *Flemingia strobilifera* (Linn) R. Br. and its antimicrobial activity. **Tropical Journal Pharmaceutical Research**, 7, 1, 921-927.

#### **2007**

152. Baboota S, Faiyaz S, Ahuja A, Ali J, Shafiq S and **Sayed Ahmad**, (2007). Development and validation of stability-indicating HPLC method for analysis of Celecoxib (CXB) in bulk drug and microemulsion formulations, **Acta Chromatographia**, 18, 116-129. (IF-1.16).
153. **Sayed Ahmad** and R. Zafar (2007) Anticonvulsant potential of callus culture of *Convolvulus microphyllus* Sieb., **Oriental Pharmacy and Experimental Medicine**, 7, 1 46-50

#### **2005**

154. M. J. Ansari, **S. Ahmad**, K. Kohli, J. Ali. and R. K. Khar (2005) Stability-indicating HPTLC determination of curcumin in bulk drug and pharmaceutical formulations, **Journal of Pharmaceutical and Biomedical Analysis**. 39, 132-136. (IF-2.629).

1. R. Zafar, M. Mujeeb, **Sayed Ahmad** and Vidhu Aeri, (2005). Pharmacognostical and antibacterial studies on *Tephrosia purpurea* Linn Pers, *Proceedings of International Conference on Unani Medicine*, CCRUM, New Delhi, pp- 433.
2. **Sayed Ahmad**, R. Zafar, and Gogna S.K., (2005). HPTLC standardization of Azaraqī using strychnine as marker compound, *Proceedings of International Conference on Unani Medicine*, CCRUM, New Delhi, pp-835-839.
3. **Sayed Ahmad**, Neha Nath, Diba Siddiqi, M. K. Singh Mohd. Mujeeb and Vidhu Aeri, (2005). Standardization and quality control of Citrus and Capsicum by UV using Ascorbic acid as marker compound, *Proceedings of International Conference on Unani Medicine*, CCRUM, New Delhi, pp-841-843.
4. R. Zafar, Swati Balian and **Sayed Ahmad**, (2005). Biotechnological approach of *Silybum marianum* (L) Gaertn and its anti-microbial activity. *Proceedings of International Conference on Unani Medicine*, January 10-12, CCRUM, New Delhi, pp-985-988.
5. R. Zafar, Setare Asmari, **Sayed Ahmad** and Mohd. Mujeeb, (2004). Anti-inflammatory activity of *Asparagus racemosus* and its in-vitro cultures, *Proceedings of 2<sup>nd</sup> International Congress on Traditional Medicine & Materia Medica*, Tehran (Iran), ***Iranian Journal of Pharmaceutical Research***, volume 3, Supplement 2, 50-51.
6. R. Zafar, Setare Asmari, **Sayed Ahmad**, (2004). Production of Sarsasapogenin from Tissue culture of *Asparagus racemosus* and its Quantification by HPTLC, *Proceedings of 2<sup>nd</sup> International Congress on Traditional Medicine & Materia Medica*, Tehran (Iran), ***Iranian Journal of Pharmaceutical Research***, volume 3, Supplement 2, 66-67.
7. Vidhu Aeri, R. Zafar, **Sayed Ahmad** and P.I. Khan (2004) **HPTLC** finger print of *Phyllanthus niruri* L. and some polyherbal hepatoprotective formulations." *Proceedings of National workshop on Institute-Industry Interaction on research in Unani Medicine to Identify areas of Collaboration*, Hamdard University, New Delhi, January (7-9) 2004, *In Traditional System of Medicine*, by Abidin MZ and Abrol YP, Narosa Publishing House New Delhi, pages-164 -168.

#### PROCEEDINGS (SHORT PAPERS) OF CONFERENCES IN JOURNALS: (22)

1. SH Ansari, V Anjum, **S Ahmad** (2016). Platelet Enhancing and Immunomodulatory Activity of *Carica papaya* Leaves, ***Planta Med*** 2016; 82 - OA24, (DOI: 10.1055/s-0036-1578594), (IF- 2.348), ISSN: 0032-0943
2. N.A. Siddique, M. Mujeeb, **S. Ahmad**, M. Aamir, M. Rshid. Analysis of toxic heavy metals and pesticides in *Mucuna pruriens* by spectroscopic methods. ***Toxicology Letters*** 2013; 221: S197. (IF- 2.4)
3. M Amir, M Mujeeb, **A Sayeed**, M Akhtar, YT Kamal, K Ashraf, Simultaneous Quantitative HPLC Analysis of Ascorbic Acid, Gallic Acid, and Catechin in *Punica granatum*, *Tamarindus indica* and *Prunus domestica*, ***Planta Med*** 2013; 79 - P134, DOI: 10.1055/s-0033-1336576 (IF- 2.348), ISSN: 0032-0943
4. A. Ali, MA Khan, H Kabir, **S Ahmad**, MZ Abdin, Development and Validation of a Simple RP-HPLC Method for Simultaneous Estimation of Three Therapeutically Active Compounds in a Polyherbal Formulation: Habb-e-Irqun-Nisa, ***Planta Med*** 2013; 79 - P121, DOI: 10.1055/s-0033-1336563 (IF- 2.348), ISSN: 0032-0943
5. W Ahmad, **S Ahmad**, SMA Zaidi, Metabolite Profiling of *Didymocarpus pedicellata* Oil using GC/MS, ***Planta Med*** 2013; 79 - P106, DOI: 10.1055/s-0033-1336548 (IF- 2.348), ISSN: 0032-0943
6. R Parveen, FJ Ahmad, Z Iqbal, **S Ahmad**, Effect of Andrographolide Solid Lipid Nanoparticles (SLNs) on Breast Cancer, ***Planta Med*** 2013; 79 - P105, DOI: 10.1055/s-0033-1336547 (IF- 2.348), ISSN: 0032-0943
7. **S Ahmad**, W Ahmad, R Parveen, SMA Zaidi, New Chromatographic Methods (HPTLC and RP-HPLC) for Simultaneous Estimation of Emodin and Chrysophanic Acid in Safoof-e-Pathar phori and R. Emodi, ***Planta Med*** 2013; 79 - P104, DOI: 10.1055/s-0033-1336546 (IF- 2.348), ISSN: 0032-0943
8. **S Ahmad**, ET Tamboli, R Parveen, Determination of Metabolic and Genetic Diversity in *Coleus forskohlii* Briq. Using HPTLC and RAPD Analysis, ***Planta Med*** 2013; 79 - P103, DOI: 10.1055/s-0033-1336545 (IF- 2.348), ISSN: 0032-0943
9. **S Ahmad**, M Singh, R Parveen, Validation of Cardio Protective Activity of Standardized Extracts of Unani Medicinal Plants Listed in Ibn-e-Sina's Treatise, ***Planta Med*** 2013; 79 - P102, DOI: 10.1055/s-0033-1336544 (IF- 2.348), ISSN: 0032-0943
10. **Sayed Ahmad**, Wasim Ahmad, Mohammed Ahmed Khan, Rabea Parveen, Masood Shah Khan, Ashwani Malhotra, Mohammad Husain, S.M. Arif Zaidi (2011). Antiuroliathatic Activity of an Unani HerboMineral Formulation, FR-PO1178, ***Journal of Americal Association of Nephrology***, abstract supplement, pp 385A (IF- 9.66), ISSN: 0032-0943
11. Mujeeb, M; Siddique, NA; Ahmad, A; **Ahmad, S**, Molecular and Chemical Evaluation of *Aegle marmelos* (L.), ***Planta Med*** 2011; 77, DOI: 10.1055/s-0031-1274879, pp – 155. (IF- 2.348), ISSN: 0032-0943
12. Ahmad, W; Khan, MS; Zaidi, SMA; Jameel, SS; **Ahmad, S**, Quality Control Analysis of Safoof-e-Pathar Phori, A Unani Herbo-mineral Formulation, ***Planta Med*** 2011; 77, DOI: 10.1055/s-0031-1274878, pp – 154. (IF- 2.348), ISSN: 0032-0943
13. Amir, M; Mujeeb, M; **Sayed, A**; Aftab, A; Aqil, M, Antioxidant and Hepatoprotective Activity of Rhizome and Callus Culture of *Dioscorea deltoidea* Against D-galactosamine Induced Hepatotoxicity in Rats, ***Planta Med*** 2011; 77, DOI: 10.1055/s-0031-1273670, pp – 141. (IF- 2.348), ISSN: 0032-0943

14. Ahmad, N; Ahmad, FJ; **Ahmad, S**; Iqbal, Z; Shamim, M; Khar, RK, Isolation of Curcuminoids by Flash Chromatography and Quantification by UPLC-MS/MS Q-TOF, **Planta Med** 2011; 77, DOI: 10.1055/s-0031-1273622, pp – 93. (IF- 2.348), ISSN: 0032-0943
15. Khan, MS; Ahmad, W; Singh, M; Ansari, SH; Siddiqui, KM; **Ahmad, S**, Quality Control Analysis of Khamira Marwareed a Unani Cardioprotective Formulation, **Planta Med** 2011; 77, DOI: 10.1055/s-0031-1273621, ICBS-2011, Missisipi USA, pp – 92. (IF- 2.348), ISSN: 0032-0943
16. **Ahmad, S**; Tamboli, ET; Garg, M; Singh, M; Kamal, YT; Mujeeb, M, HPTLC Fingerprints as Tool to Study Effect of Geographical Condition on Plant Metabolites, **Planta Med** 2011; 77, DOI: 10.1055/s-0031-1273620, pp – 91. (IF- 2.348), ISSN: 0032-0943
17. Parveen, R; Kamal, YT; Singh, M; Tamboli, ET; Rahman, S; **Ahmad, S**; Ahmad, FJ, Development of Analytical Methods (RP-HPLC and HPTLC) for the Fast Analysis of Glabridin in Crude Drug and Unani Formulations, **Planta Med** 2011; 77 DOI: 10.1055/s-0031-1273619, pp – 90. (IF- 2.348), ISSN: 0032-0943
18. Singh, M; Kamal, YT; Tamboli, ET; Parveen, R; Siddiqui, KM; **Ahmad, S**, Development of Analytical Methods for the Estimation of Alpinetin in Seeds of Amomum subulatum Roxb, **Planta Med** 2011; 77 DOI: 10.1055/s-0031-1273618, pp – 89. (IF- 2.348), ISSN: 0032-0943
19. Kamal, YT; Singh, M; Tamboli, ET; Parveen, R; Rehman, S; Ahmad, W; Khan, MS; Siddique, KM; **Ahmad, S**, Evaluation of Unani Anti-Inflammatory Polyherbal Formulation using Validated HPLC Methods, **Planta Med** 2011; 77 DOI: 10.1055/s-0031-1273617, pp – 88. (IF- 2.348), ISSN: 0032-0943
20. Athar, MT; Musthaba, SM; Ahmad, N; Mallick, MN; Baboota, S; Ali, J; **Ahmad, S**: Validated UPLC/MS Method for the Determination of Salannin in Nimbatiktum (Anti Psoriatic Herbal Formulation), **Planta Med** 2011;77 DOI: 10.1055/s-0031-1273616, pp – 87. (IF- 2.348), ISSN: 0032-0943
21. S.H. Ansari, **S. Ahmad**, M. Ali (2008). Enhanced *in vitro* production of vasicine and vasicinone from callus cultures of *Adhatoda vasica* Nees., **Planta Medica**, 74, 3, 203. DOI: 10.1055/s-2008-1075240. (IF- 2.348). ISSN: 0032-0943
22. Naseem Akhtar, Javed Ali, Yasmin Sultana, Sanjula Baboota and **Sayeed Ahmad**, (2007). Innovative topical microemulsion gel of babchi oil (*Psoralea corylifolia*) as antipsoriatic agent, **J Pharmacy and Pharmacology**, 59 (S1): A-53, (IF-1.718)

#### **PAPER PRESENTED IN CONFERENCES:**

##### **ABROAD (45)**

###### **2016**

1. Sayeed Ahmad, Washim Khan, Katiyar CK (2016). Chromatographic profiling of Pancharishta at different stages of its development using HPTLC, HPLC, GC-MS and LC-MS (Oral Presentation), presented at 10<sup>th</sup> International symposium on Chromatography of Natural Products held in Lublin Poland on 6<sup>th</sup> – 9<sup>th</sup> June 2016
2. Sayeed Ahmad, Iftexhar Ahmad, Javed Alam, Washim Khan (2016). Chromatographic analysis and exploitation of traditional UNANI formulation for nonalcoholic fatty liver disease (Poster presentation), presented at 10<sup>th</sup> International symposium on Chromatography of Natural Products held in Lublin Poland on 6<sup>th</sup> – 9<sup>th</sup> June 2016
3. Varisha Anjum, Sayeed Ahmad (2016). Reversal of Dengue fever related thrombocytopenia using Carica papaya leaf (Poster presentation), Presented at 10<sup>th</sup> International symposium on Chromatography of Natural Products held in Lublin Poland on 6<sup>th</sup> – 9<sup>th</sup> June 2016
4. Washim Khan, Sayeed Ahmad, (2016). GC-MS metabolomics and anti-diabetic potential of aqueous extract of *Moringa oleifera* (Poster), Presented at 10<sup>th</sup> International symposium on Chromatography of Natural Products held in Lublin Poland on 6<sup>th</sup> – 9<sup>th</sup> June 2016
5. Ikshit Sharma, Washim Khan, Sayeed Ahmad, (2016). *In vitro* and *Ex vivo* approach for anti-urolithiatic potential of bioactive fractions of Gokharu with simultaneous HPLC analysis of six major metabolites and their exploration in rat plasma (Poster Presentation), presented at 10<sup>th</sup> International symposium on Chromatography of Natural Products held in Lublin Poland on 6<sup>th</sup> – 9<sup>th</sup> June 2016. Ahmad, S.M.A. Zaidi, **S. Ahmad**. Validated UPLC/Q-TOF-MS method for the quantitative estimation of emodin in Rheum emodi and traditional formulation. **PBA 2013**, Bologna, Italy, June 30 July 3rd 2013.

###### **2013**

6. Sadiq Umar, Sayeed Ahmad, Chandra Kant Katiyar and Haider A. Khan, Combination therapy of methotrexate with pycnogenol attenuates the over expression of Pro-Inflammatory Cytokines, decreased oxidative stress and improves clinical signs in collagen induced arthritis. Accepted for presentation in 5th EMBO meeting to be held in September 21-24, 2013, in Amsterdam.
7. Sadiq Umar, Sayeed Ahmad, Chandra Kant Katiyar and Haider A. Khan, Combination therapy of methotrexate with ellagic acid attenuates the over expression of Pro-inflammatory Cytokines and modulates antioxidant status in collagen induced arthritis. Accepted in 15th International congress of Immunology and publication in the Frontiers in Immunology to be held in August 22-27, 2013, in Milan, Italy.

8. Sadiq Umar, Sayeed Ahmad, Chandra Kant Katiyar and Haider A. Khan, Combination therapy of methotrexate with pycnogenol attenuates the over expression of Pro-Inflammatory Cytokines, decreased oxidative stress and improves clinical signs in collagen induced arthritis. Accepted for presentation in 5th EMBO meeting to be held in September 21-24, 2013, in Amsterdam.
9. W. Ahmad, S.M.A. Zaidi, **S. Ahmad**. Validated UPLC/Q-TOF-MS method for the quantitative estimation of emodin in Rheum emodi and traditional formulation. **PBA 2013**, Bologna, Italy, June 30 July 3rd 2013.

## **2012**

10. Sadiq Umar, Sayeed Ahmad, Chandra Kant Katiyar and Haider A. Khan, Pycnogenol Ameliorate Collagen-Induced Arthritis Through Modulating Inflammatory Mediators, Decreases Oxidative Stress, And Improves Clinical Signs in Wistar Rats. (Accepted for publication in the official Congress Abstract Book of EULAR, 6-9 June, 2012).
11. Sadiq Umar, Sayeed Ahmad, Chandra Kant Katiyar and Haider A. Khan, Anti-inflammatory and antiarthritic of thymoquinone against collagen induced arthritis in Wistar rats. *Rheumatology*, Vol 51, supplement 1, 2012.
12. Siddique N, Mujeeb M, **Ahmad S**, Aamir M, Tamboli E T, Khan M, A validated HPTLC method for quantitative determination of dopamine in nephroprotective plants. Mechanism-Based Natural Product Development Conference held in Whistler Mountain convention centre BC, **Canada** on 21-22nd Sept 2012.

## **2011**

13. Sayeed Ahmad, Wasim Ahmad, Mohammed Ahmed Khan, Rabea Parveen, Masood Shah Khan, Ashwani Malhotra, Mohammad Husain, S.M. Arif Zaidi. Antiuro lithiatic Activity of an Unani HerboMineral Formulation, FR-PO1178, Journal of Americal Association of Nephrology, abstract supplement, ASN Kidney Week 2011, Pennusylvania Convention Centre, Philadelphia, USA, November 8-13, 2011, pp 385A
14. Suruchi Suri, Rabea Parveen, FJ Ahmad, Z Iqbal, Sayeed Ahmad. Developing and formulating a nanosized delivery system for a combination of Taxanes with a polyphenolic compound, T3230, AAPS Annual Meeting & Exposition 2011, Washington DC, October 23-28, 2011.
15. Rabea Parveen, FJ Ahmad, Z Iqbal, Sayeed Ahmad, Formulation of novel drug delivery system for anticancer terpenoidal drugs: Optimization, encapsulation study, characterization and in vitro release, T3208, AAPS Annual Meeting & Exposition 2011, Washington DC, October 23-28, 2011.
16. Rabea Parveen, FJ Ahmad, Z Iqbal, Sayeed Ahmad, Simultaneous RP-HPLC method for quantification of anticancer terpenoids andrographolide and betulinic acid in Pharmaceutical formulation, T2311, AAPS Annual Meeting & Exposition 2011, Washington DC, October 23-28, 2011.
17. Sayeed Ahmad, Tanwir Athar, Rabea Parveen, Validated UPLC/MS Method for Quantitative Determination of Azadirachtin Content in Nimbatiktum (anti psoriatic herbal formulation), M1200, AAPS Annual Meeting & Exposition 2011, Washington DC, October 23-28, 2011.
18. Rabea Parveen, Mhaveer Singh, Kamal Y. T., Md. Tanwir Athar, Ennus Tajuddin Tamboli, Sayeed Ahmad, Ansari S. H., HPTLC method for determination of crocetin in crude drug and anti-oxidant potential of saffron, September 18-21, 2011, P-W-131, AOAC Annual Meeting 2011, New Oreleans, Luciana USA
19. Sayeed Ahmad, Mhaveer Singh, Kamal Y. T., Rabea Parveen, Md. Tanwir Athar, Ennus Tajuddin Tamboli, Ansari S. H. , Simultaneous estimation of crocin and safranal in saffron by a newly developed and validated HPLC-UV method, September 18-21, 2011, P-W-105, AOAC Annual Meeting 2011, New Oreleans, Luciana USA
20. Ansari S. H., Sayeed Ahmad, Md. Tanwir Athar, Rabea Parveen, Ennus Tajuddin Tamboli, Quantification of eugenol in hydro distilled clove oil (*Eugenia caryophyllus*) and its marketed products by validated GC/MS method, September 18-21, 2011, AOAC Annual Meeting 2011, P-W-106, New Oreleans, Luciana USA
21. Siddique N.A., Mujeeb M. Ahmad S., Amir M., Tamboli E.T. Development and validation of HPTLC method for estimation of umbelliferone and quercetin in *Aegle marmelos* formulation, P-10y, 236 HPTLC 2011, Basel, International Symposium for High-Performance Thin-Layer Chromatography (HPTLC 2011), BASEL, 06th - 08th July 2011.
22. Ahmad S., Singh M., Kamal Y.T., Tamboli E.T., Parveen R. HPTLC method for separation and simultaneous quantification of withanoloids, P-10w, 234 HPTLC 2011, Basel, International Symposium for High-Performance Thin-Layer Chromatography (HPTLC 2011), BASEL, 06th - 08th July 2011.
23. Kamal Y.T., Ahmad S., Singh M., Tamboli E.T., Parveen R. HPTLC method for quantification of crocetin in saffron, P-8m, 194 HPTLC 2011, Basel, International Symposium for High-Performance Thin-Layer Chromatography (HPTLC 2011), BASEL, 06th - 08th July 2011.
24. Singh M., Ahmad F., Athar T., Ahmad S., Kamal Y.T., Mukhtar H. M. HPTLC method for analysis of colchicine in Unani formulations containing suranjaan talkh and suranjaan seerin, P-7i, 164 HPTLC 2011, Basel, International Symposium for High-Performance Thin-Layer Chromatography (HPTLC 2011), BASEL, 06th - 08th July 2011.

25. Parveen R., Ahmad F.J., Iqbal Z., Singh M., Kamal Y.T., Ahmad S. Simultaneous estimation of anticancer terpenoids andrographolide and betullinic acid by HPTLC method, P-6j, pp139, HPTLC 2011, Basel, International Symposium for High-Performance Thin-Layer Chromatography (HPTLC 2011), BASEL, 06th - 08th July 2011.
26. Mujeeb, M; Siddique, NA; Ahmad, A; Ahmad, S, Molecular and Chemical Evaluation of *Aegle marmelos* (L.), *Planta Med* 2011; 77, DOI: 10.1055/s-0031-1274879, ICBS-2011, Missisipi USA, pp – 155.
27. Ahmad, W; Khan, MS; Zaidi, SMA; Jameel, SS; Ahmad, S, Quality Control Analysis of Safoof-e-Pathar Phori, A Unani Herbo-mineral Formulation, *Planta Med* 2011; 77, DOI: 10.1055/s-0031-1274878, ICBS-2011, Missisipi USA, pp – 154.
28. Amir, M; Mujeeb, M; Sayeed, A; Aftab, A; Aqil, M, Antioxidant and Hepatoprotective Activity of Rhizome and Callus Culture of *Dioscorea deltoidea* Against D-galactosamine Induced Hepatotoxicity in Rats, *Planta Med* 2011; 77, DOI: 10.1055/s-0031-1273670, ICBS-2011, Missisipi USA, pp – 141.
29. Ahmad, N; Ahmad, FJ; Ahmad, S; Iqbal, Z; Shamim, M; Khar, RK, Isolation of Curcuminoids by Flash Chromatography and Quantification by UPLC-MS/MS Q-TOF, *Planta Med* 2011; 77, DOI: 10.1055/s-0031-1273622, ICBS-2011, Missisipi USA, pp – 93.
30. Khan, MS; Ahmad, W; Singh, M; Ansari, SH; Siddiqui, KM; Ahmad, S, Quality Control Analysis of Khamira Marwareed a Unani Cardioprotective Formulation, *Planta Med* 2011; 77, DOI: 10.1055/s-0031-1273621, ICBS-2011, Missisipi USA, pp – 92.
31. Ahmad, S; Tamboli, ET; Garg, M; Singh, M; Kamal, YT; Mujeeb, M, HPTLC Fingerprints as Tool to Study Effect of Geographical Condition on Plant Metabolites, *Planta Med* 2011; 77, DOI: 10.1055/s-0031-1273620, ICBS-2011, Missisipi USA, pp – 91.
32. Parveen, R; Kamal, YT; Singh, M; Tamboli, ET; Rahman, S; Ahmad, S; Ahmad, FJ, Development of Analytical Methods (RP-HPLC and HPTLC) for the Fast Analysis of Glabridin in Crude Drug and Unani Formulations, *Planta Med* 2011; 77 DOI: 10.1055/s-0031-1273619, ICBS-2011, Missisipi USA, pp – 90.
33. Singh, M; Kamal, YT; Tamboli, ET; Parveen, R; Siddiqui, KM; Ahmad, S, Development of Analytical Methods for the Estimation of Alpinetin in Seeds of *Amomum subulatum* Roxb, *Planta Med* 2011; 77 DOI: 10.1055/s-0031-1273618, ICBS-2011, Missisipi USA, pp – 89.
34. Kamal, YT; Singh, M; Tamboli, ET; Parveen, R; Rehman, S; Ahmad, W; Khan, MS; Siddique, KM; Ahmad, S, Evaluation of Unani Anti-Inflammatory Polyherbal Formulation using Validated HPLC Methods, *Planta Med* 2011; 77 DOI: 10.1055/s-0031-1273617, ICBS-2011, Missisipi USA, pp – 88.
35. Athar, MT; Musthaba, SM; Ahmad, N; Mallick, MN; Baboota, S; Ali, J; Ahmad, S: Validated UPLC/MS Method for the Determination of Salannin in Nimbatiktum (Anti Psoriatic Herbal Formulation), *Planta Med* 2011;77 DOI: 10.1055/s-0031-1273616, ICBS-2011, Missisipi USA, pp – 87.

#### **2009**

36. **Sayeed Ahmad**, Kamal YT, Mahaveer Singh, Rabea Parveen, FJ Ahmad, Development and validation of HPTLC method for estimation of Glycyrrhizic acid in Herbal formulation, *World Health and Asian Traditional (WHAT) Medicine Conference- 2009*, Putra World Trade Centre, Kuala Lumpur, Malaysia, 19-20<sup>th</sup> June, 2009.
37. **Sayeed Ahmad**, Kamal YT, Mahaveer Singh, Rabea Parveen, Development and validation of stability indicating HPTLC method for analysis of arjunolic acid in herbal formulations, *World Health and Asian Traditional (WHAT) Medicine Conference- 2009*, Putra World Trade Centre, Kuala Lumpur, Malaysia, 19-20<sup>th</sup> June, 2009.
38. babchi oil (*Psoralea corylifolia*) as antipsoriatic agent, AAPS, 2007 (**Poster**)

#### **2008**

39. S.H. Ansari, **S. Ahmad**, M. Ali (2008). Enhanced *in vitro* production of vasicine and vasicinone from callus cultures of *Adhatoda vasica* Nees., 7th Annual Oxford International Conference on the Science of Botanicals & American Society of Pharmacognosy 4th Interim Meeting, University of Mississippi, Oxford, MS, 12–16 April 2008 (**Poster**).

#### **2007**

40. **Sayeed Ahmad**, R. Zafar, Development of Normal and genetically Transformed cultures of *Calotropis procera* for production of secondary metabolites. presented in *Pharmaceutical Science World Congress – FIP-2007*, Beijing, China. August 31- September 6, 2007 (**Poster**).
41. **Sayeed Ahmad**, Maqsood Ali, Salim Khan, S.H. Ansari, A Rapid DNA isolation protocol and studies on stability of RNA in medicinal plant *Adhatoda*. presented in *Pharmaceutical Science Congress – FIP-2007*, Beijing, China. August 31- September 6, 2007 (**Poster**).
42. Naseem Akhtar, Javed Ali, Yasmin Sultana, Sanjula Baboota and Sayeed Ahmad, (2007). Innovative topical microemulsion gel of R. Zafar and **Sayeed Ahmad\***, Production of Rutin by Tissue Culture of *Calotropis procera* (Ait) RBr., *XVII International Botanical Congress (IBC 2005)*, Vienna, Austria, July (17-23), 2005. (**Poster**).

#### **2005**

43. S. Asmari\*, R. Zafar, **S. Ahmad**, Antimicrobial Activity of Static Cultures of *Asparagus racemosus*. *XVII International Botanical Congress (IBC 2005)*, Vienna, Austria, July (17-23), 2005. (**Poster**).

## **2004**

44. R. Zafar, Setare Asmari\*, **Sayed Ahmad**, Production of Sarsasapogenin from Tissue culture of *Asparagus racemosus* and its Quantification by HPTLC, presented in 2<sup>nd</sup> International Congress on Traditional Medicine & Materia Medica, Tehran (Iran), October-2004 (Poster).
45. R. Zafar, Setare Asmari\*, **Sayed Ahmad** and Mohd. Mujeeb, Anti-inflammatory activity of *Asparagus racemosus* and its in-vitro cultures, presented in 2<sup>nd</sup> International Congress on Traditional Medicine & Materia Medica, Tehran (Iran), October-2004 (Poster).

## **INDIA (77)**

### **2013**

1. "Mallick MN, Salman Akhtar, Mhaveer Singh, Wasim Ahmad, Sayeed Ahmad, Syed Akhtar Husain. Cytotoxic potential of *Bacopa monnieri* L. against HeLa and MDA-MB 231 cell line. presented poster in 32nd Annual Convention of Indian association for cancer research and International symposium on Infection and cancer at ACBR institute of Delhi 13-16 February 2013.

### **2012**

2. Tamboli E.T., Anwar N., Alam Md. A., Ahmad S.; "GC-MS analysis of Arq-e-Ajwayin: an Unani formulation" presented in UGC-SAP sponsored National Seminar on Current trends in Secondary Metabolite Research held at New Delhi in 19th March 2012.
3. Waseem Ahmad, SMA Zaidi and Sayeed Ahmad "Chromatographic fingerprint profile of Safoof-e-Pathar phori-A Herbomineral Unani Antiuro lithiatic formulation" presented poster in National seminar on Medicinal plant research in India 16-17 March 2012 at Convention Centre Jamia Hamdard, New Delhi-110062. (2nd Prize)

### **2010**

4. Masood Shah Khan, Wasim Ahmad, Mhaveer Singh, Sayeed Ahmad and S.M. Arif Zaidi, Quality Control Analysis of Khamira Aabresham Hakim Arshadwala, The Convention of Society of Pharmacognosy – Herbal Standardization and Analytical Pharmacognosy, Nov. 13-14<sup>th</sup> 2010, Pandoga, Una, HP, pp-054.
5. Wasim Ahmad, Masood Shah Khan, Mhaveer Singh, Sayeed Ahmad and S. M. Arif Zaidi, Pharmacognostical Standardization of *Didymocarpous pedicellata*, The Convention of Society of Pharmacognosy – Herbal Standardization and Analytical Pharmacognosy, Nov. 13-14<sup>th</sup> 2010, Pandoga, Una, HP, pp-053.
6. Tamboli E.T., Nazeerullah Khan, Madhukar Garg, Mujeeb M. and Sayeed Ahmad, Tissue Culture Studies on *Tinospora cordifolia* Linn., The Convention of Society of Pharmacognosy – Herbal Standardization and Analytical Pharmacognosy, Nov. 13-14<sup>th</sup> 2010, Pandoga, Una, HP, pp-052.
7. Md.Tanwir Athar, Musthaba S.M., Baboota S and Sayeed Ahmad, Finger Print of Neem Oil Extract by Using UPLC/Q-TOF-MS, The Convention of Society of Pharmacognosy – Herbal Standardization and Analytical Pharmacognosy, Nov. 13-14<sup>th</sup> 2010, Pandoga, Una, HP, pp-051.
8. Madhukar Garg, Tamboli E. T., Ansari S. H. and Sayeed Ahmad, Tissue Culture Studies on the Leaves of *Adhatoda vasica* Linn., The Convention of Society of Pharmacognosy – Herbal Standardization and Analytical Pharmacognosy, Nov. 13-14<sup>th</sup> 2010, Pandoga, Una, HP, pp-050.
9. Mhaveer Singh, Kamal Y T, Tamboli ET, Rabea Parveen, and Sayeed Ahmad, Estimation of Glabridin in Crude Drug and Poly Herbal Formulation by a Validated HPTLC Method, The Convention of Society of Pharmacognosy – Herbal Standardization and Analytical Pharmacognosy, Nov. 13-14<sup>th</sup> 2010, Pandoga, Una, HP, pp-049.

### **2009**

10. Mandeep Kaur, Mhaveer Singh, Tanvir Athar, Hayat M. Mukhtar and **Sayed Ahmad**, Pharmacognostical standardization *Picrorhiza kurroa* rhizome, *RCH Pharma Med, 2009*, National Conference, sponsored by AYUSH, Jamia Hamdard Nagar, New Delhi-62, 17-18<sup>th</sup> April, 2009.
11. Madhukar Garg, Raj K. Jaggi, **Sayed Ahmad**, Tissue culture studies on *Solanum torvum* for the production of secondary metabolites, *RCH Pharma Med, 2009*, National Conference, sponsored by AYUSH, Jamia Hamdard Nagar, New Delhi-62, 17-18<sup>th</sup> April, 2009.
12. Aziz Ahmad, Tanvir Athar, Mhaveer Singh, Ennus Tamboli Tajuddin, Madhukar Garg and **Sayed Ahmad**, Effect of nutrient medium, phytohormones and elicitation treatment on *in-vitro* callus culture of *Bacopa monniera* and expression of secondary metabolites, *RCH Pharma Med, 2009*, National Conference, sponsored by AYUSH, Jamia Hamdard Nagar, New Delhi-62, 17-18<sup>th</sup> April, 2009.
13. Rabea Parveen, Z. Iqbal, S. Talegaonkar, F. J. Ahmad, **S. Ahmad**, use of nanotechnology in the treatment of cancer using herbal drugs, *RCH Pharma Med, 2009*, National Conference, sponsored by AYUSH, Jamia Hamdard Nagar, New Delhi-62, 17-18<sup>th</sup> April, 2009.
14. Bushra Parveen, Abida Parveen, Zeenat Iqbal, **Sayed Ahmad**, Novel drug delivery system (NDDS) to overcome bioavailability problem, *RCH Pharma Med, 2009*, National Conference, sponsored by AYUSH, Jamia Hamdard Nagar, New Delhi-62, 17-18<sup>th</sup> April, 2009.

15. **Sayeed Ahmad**, Rabea Parveen Mhaveer Singh, Kamal Y. T. and Farhan J. Ahmad, Quality control of sugar based unani formulations for steroidal alkaloids, *RCH Pharma Med*, 2009, National Conference, sponsored by AYUSH, Jamia Hamdard Nagar, New Delhi-62, 17-18<sup>th</sup> April, 2009.
16. **Sayeed Ahmad**, Mhaveer Singh, Kamal Y. T., Tanvir Athar and Rabea Parveen, Determination of total phenolics and hydrolysable tannins for quality control of itriphals, *RCH Pharma Med*, 2009, National Conference, sponsored by AYUSH, Jamia Hamdard Nagar, New Delhi-62, 17-18<sup>th</sup> April, 2009.
17. **Sayeed Ahmad**, Kamal Y. T., Mhaveer Singh, Tanvir Athar and Rabea Parveen, Determination of anti-oxidant flavonoids in syrup formulation, *RCH Pharma Med*, 2009, National Conference, sponsored by AYUSH, Jamia Hamdard Nagar, New Delhi-62, 17-18<sup>th</sup> April, 2009.
18. Shabana Rehman, Seemin Shaukat, Kamal YT, Khalid M Siddiqui, **Sayeed Ahmad**, Khamirajaat used in the treatment of cardiac diseases: an over view. *RCH Pharma Med*, 2009, National Conference, sponsored by AYUSH, Jamia Hamdard Nagar, New Delhi-62, 17-18<sup>th</sup> April, 2009.
19. **Sayeed Ahmad**, Kamal Y. T., Mahaveer Singh, Aziz Ahmed, Rabea Parveen. Development and Validation of HPTLC Method for the Determination Gallic Acid in Crude Drugs and Herbal Formulations. *20<sup>th</sup> International Symposium on Pharmaceutical and Biomedical Analysis, PBA-2009*, Agra, India, March 1-4, 2009.
20. Preeti Jha, Rabea Parveen, S A Khan, Ozair Alam, **Sayeed Ahmad**, Development and validation of HPLC method for determination of omeprazole in human plasma using pantoprazole as internal standard, *20<sup>th</sup> International Symposium on Pharmaceutical and Biomedical Analysis, PBA-2009*, Agra, India, March 1-4, 2009.
21. Kamal Y. T., Athar M.T., Mhaveer Singh, Musthaba S.M., **Sayeed Ahmad**, Standardization of herbal formulations: a modern approach, *International Herbal Conference (IHC-APTI - 2009)*, Bangalore, India, Feb. 27-29, 2009.
22. Md. Tanwir Athar, Musthaba S.M., **Sayeed Ahmad**, Sanjula Baboota, Javed Ali, Determination of pesticide contents in herbal drugs, *International Herbal Conference (IHC-APTI - 2009)*, Bangalore, India, Feb. 27-29, 2009.
23. **Sayeed Ahmad**, Mhaveer Singh, S.H. Ansari, M. T. Athar, Determination of genetic diversity in *Acorus calamus* Linn. Using RAPD marker, *International Herbal Conference (IHC-APTI - 2009)*, Bangalore, India, Feb. 27-29, 2009.

## **2008**

24. Athar M. T., Musthaba S. M., **Ahmad S.**, Baboota S., Determination of aflatoxins and heavy metals of some herbal formulations used for the treatment of psoriasis, *Indian Pharmaceutical Congress (60th IPC)*, New Delhi, India, 12-14 December 2008. pp-270.
25. **Ahmad S.**, Garg M., Ali M., Ansari S.H. Tissue culture of vasaka for production of Quinazoline Alkaloids. *Indian Pharmaceutical Congress (60th IPC)*, New Delhi, India, 12-14 December 2008, 279.
26. Zafar R., Tamboli E. T., Goel R., **Ahmad S.** *In vitro* production of metabolites in callus cultures of *Cassia sophera* Linn. *Indian Pharmaceutical Congress (60th IPC)*, New Delhi, India, 12-14 December 2008, pp-278.
27. Athar M. T., Musthaba S. M., **Ahmad S.**, Baboota S. Chromatographic analysis of an anti psoriatic herbal formulation. *Indian Pharmaceutical Congress (60th IPC)*, New Delhi, India, 12-14 December 2008. pp-226
28. **Ahmad S.**, Singh M, Kaur M, Ahmed A. Quantitative estimation of Glycyrrhizic acid in the Tablets of Yashtimadhu by HPTLC. *Indian Pharmaceutical Congress (60th IPC)*, New Delhi, India, 12-14 December 2008. pp-260
29. Athar M. T., Aeri V., Pande D., **Ahmad S.** Pharmacognostical evaluation and anti-inflammatory activity of Leaf of *Psoralea corylifolia* Linn. *Indian Pharmaceutical Congress (60th IPC)*, New Delhi, India, 12-14 December 2008, pp-271.
30. Ahmad S., Singh M., **Parveen R.**, Kamal Y.T., Quantitative estimation of Withaferin A in the Tablets of Ashwagandha by HPTLC., *Indian Pharmaceutical Congress (60th IPC)*, New Delhi, India, 12-14 December 2008. pp-262
31. Jha P., Khan S. A., Parveen R., **Ahmad S.**, Development and validation of novel HPTLC method for quantitative estimation of omeprazole in pharmaceutical dosage form, *Indian Pharmaceutical Congress (60th IPC)*, New Delhi, India, 12-14 December 2008, pp – 234.
32. Hamid Khan, M. Ali, A Ahuja, **Ahmad S.**, J ali, Stability indicating HPTLC method for simultaneous estimation of Acelofenac and Paracetamol in Bulk drugs and in their fixed dose combinations, *Indian Pharmaceutical Congress (60th IPC)*, New Delhi, India, 12-14 December 2008, pp-218.
33. **Ahmad S.**, Kamal A., **Parveen R.**, Ahmad F.J., Saleem K, Development and validation of novel HPTLC method for quantitative estimation of strychnine and brucine in seeds of *Strychnos nux vomica*, *Indian Pharmaceutical Congress (60th IPC)*, New Delhi, India, 12-14 December 2008, pp-235

## **2007**

34. Baboota S., Faiyazuddin M., **Sayeed Ahmad**, J. Ali, Ahuja Alka (2007), A Novel and validated HPTLC method for the analysis of *Cymbopogon citratus*, *Indian Pharmaceutical Congress (59<sup>th</sup> IPC)*, Banaras, India, December 20 – 23<sup>rd</sup> pp 420.
35. Rabea Parveen, Sanjula Baboota, **Sayeed Ahmad**, Javed Ali, Alka Ahuja, Development and validation of novel HPTLC method for quantitative estimation of silybin in bulk drug and pharmaceutical dosage form, *Indian Pharmaceutical Congress (59<sup>th</sup> IPC)*, Banaras, India, December 2007.

36. **Sayeed Ahmad**, Maqsood Ali, S. H. Ansari\*, Mahavir Singh, Tissue Culture Studies on *Adhatoda vasica* for Production of Secondary Metabolites, *Indian Pharmaceutical Congress (59<sup>th</sup> IPC)*, Banaras, India, December 2007.
37. **Sayeed Ahmad**, Md. Tanwir Athar\*, Sanjula Baboota<sup>1</sup>, Javed Ali<sup>1</sup> and Alka Ahuja<sup>1</sup>, (2007). Chemical Standardization of Neem Oil, *International conference on traditional system of medicine, 30-31 October*, Jamia Hamdard New Delhi.
38. **Sayeed Ahmad** and Mahaveer Singh, (2007). Determination of Total Phenol and Flavonoid principles of Waj-e-turki. *International conference on traditional system of medicine, 30-31 October*, Jamia Hamdard New Delhi.
39. **Sayeed Ahmad**, Maqsood Ali, Rabea Parveen, Tanwir Athar, Shahid Husain Ansari, (2007). Standardization and Quality Control of Babchi Seeds by HPTLC Method Using Biomarker. Presented in APTI Convention Chandigarh, 25-28<sup>th</sup> November, 2007
40. Zafar, R., **Sayeed Ahmad**, Gogna, S.K. & Chakraborty, G.S. (2007) Quantitative Estimation of Ascorbic Acid by HPTLC in Different varieties of Amla. *Second International Conference and Indo-Canadian Satellite Symposium on Pharmaceutical Science, Technology, Practice and Natural Products*, JSS College of Pharmacy, Ooty, India, February, 2007, hp. 1.

#### **2006**

41. **Sayeed Ahmad**, M. Mujeeb and R. Zafar, Development of *in vitro* cultures of *Convolvulus microphyllus* Sieb. for the production of Secondary metabolites, *National Conference on Plant Biotechnology*, Jaipur, Rajasthan, Feb, 2006, 24-26.
42. Bhatt, D., Mujeeb, M., **Sayeed Ahmad**, Ansari, S.H. (2006), HPTLC Method For quantification of emodin in *Cassia occidentalis* Linn., *International Conference on Advances in Drug Discovery & Research*, Aurangabad, Maharashtra, India, February 2006, pp 11-12.
43. **Sayeed Ahmad\***, M. Mujeeb and R. Zafar, Tissue Cultures Studies on *Calotropis procera* for Production of Secondary Metabolites Accepted in *Indian Pharmaceutical Congress (58<sup>th</sup> IPC)*, Bombay. December (3-5) 2006, CO-22, **(Oral)**.
44. **Sayeed Ahmad**<sup>1</sup>, M. Rizwan<sup>\*2</sup> and M. Aqil<sup>2</sup>, Stability-indicating HPTLC method for determination of Forskolol, Accepted in *Indian Pharmaceutical Congress (58<sup>th</sup> IPC)*, Bombay. December (3-5) 2006, CP- **(Poster)**.
45. Mujeeb, M., **Sayeed Ahmad** & Zafar, R. (2006) Hypoglycemic activity of aqueous extracts of *Nigella sativa*. *Indian Pharmaceutical Congress (58<sup>th</sup> IPC)*, Bombay, India, December 2006, CP-75.

#### **2005**

46. Raj Kumari, M. Mujeeb **Sayeed Ahmad** and Vidhu Aeri, Hepatoprotective activity of leaves of *Solanum nigrum*, Presented in Satellite session (Herbal drugs and Environmental Pollution) of *3<sup>rd</sup> International conference on Plant and Environment Pollution*, Hamdard University, New Delhi, December (4) 2005, pp-75. **(Poster)**.
47. R. Zafar, M. Mujeeb, and **Sayeed Ahmad**, Quantitative estimation of Ascorbic acid in Static and Suspension cultures of *Nigella sativa* Linn. Presented in Satellite session (Herbal drugs and Environmental Pollution) of *3<sup>rd</sup> International conference on Plant and Environment Pollution*, Hamdard University, New Delhi, December (4) 2005, pp-71. **(Poster)**
48. Swati Balian, **Sayeed Ahmad** and R. Zafar, Detection of Amino acids in Callus cultures of *Silybum marianum* (L) Gaertn. Presented in Satellite session (Herbal drugs and Environmental Pollution) of *3<sup>rd</sup> International conference on Plant and Environment Pollution*, Hamdard University, New Delhi, December (4) 2005, pp-75. **(Poster)**.
49. Swati Balian, **Sayeed Ahmad** and R. Zafar, Callus cultures of *Silybum marianum* (L) Gaertn. Presented in Satellite session (Herbal drugs and Environmental Pollution) of *3<sup>rd</sup> International conference on Plant and Environment Pollution*, Hamdard University, New Delhi, December (4) 2005, pp-40. **(Poster)**.
50. A. N. Khan, **Sayeed Ahmad** and R. Zafar, Hepatoprotective potential of cell suspension cultures of *Cassia occidentalis* Linn. Presented in Satellite session (Herbal drugs and Environmental Pollution) of *3<sup>rd</sup> International conference on Plant and Environment Pollution*, Hamdard University, New Delhi, December (4) 2005, pp-16. **(Poster)**.
51. **Sayeed Ahmad** and D. Pande, Solasodine estimation *in vitro* cultures of *Solanum nigrum* Linn. Presented in Satellite session (Herbal drugs and Environmental Pollution) of *3<sup>rd</sup> International conference on Plant and Environment Pollution*, Hamdard University, New Delhi, December (4) 2005, pp-8. **(Poster)**.
52. V. Aeri, D. Siddiqui, **Sayeed Ahmad** and D. Pande, Solasodine estimation *in vitro* cultures of *Solanum nigrum* Linn. Presented in Satellite session (Herbal drugs and Environmental Pollution) of *3<sup>rd</sup> International conference on Plant and Environment Pollution*, Hamdard University, New Delhi, December (4) 2005, pp-8. **(Poster)**.
53. Najmi, A. K., **Sayeed Ahmad**, Ornithine aspartate protects against thiocetamide induced hepatic encephalopathy in rats. presented in *Indian Pharmaceutical Congress (57<sup>th</sup> IPC)*, Hyderabad. December (2-4) 2005, EP-13, pp-251 **(Poster)**
54. Mujeeb M., Zafar R. and **Sayeed Ahmad**, Hepatoprotective activity of aqueous extracts of leaf and leaf callus of *Nigella sativa* Linn. presented in *Indian Pharmaceutical Congress (57<sup>th</sup> IPC)*, Hyderabad. December (2-4) 2005, CP-55, pp-229 **(Poster)**.
55. Diba Siddiqui, **Sayeed Ahmad**, S. R. Mir, Vidhu Aeri and R. Zafar, Tissue Culture Studies on *Solanum nigrum* Linn. for Production of Secondary Metabolites, *The 7<sup>th</sup> National Symposium on Biochemical Engineering and Biotechnology "BIOHORIZON-2005"* IIT, Delhi, March (11-12), 2005, pp-5. **(Poster)**

56. R. Zafar, M. Mujeeb \*, **Sayed Ahmad** and Vidhu Aeri, Pharmacognostical and antibacterial studies on *Tephrosia purpurea* Linn Pers, *International Conference on Unani Medicine*, CCRUM, Institutional Area, Janak Puri, New Delhi, January (9-11), 2005, 433. **(Oral)**.
57. R. Zafar, **Sayed Ahmad\*** and Gogna S.K., HPTLC standardization of Azaraqi using strychnine as marker compound, *International Conference on Unani Medicine*, CCRUM, Institutional Area, Janak Puri, New Delhi, January (9-11), 2005, pp-423. **(Poster)**.
58. **Sayed Ahmad**, Neha Nath\*, Diba Siddiqi, M. K. Singh Mohd. Mujeeb and Vidhu Aeri, Standardization and quality control of Citrus and Capsicum by UV using Ascorbic acid as marker compound, *International Conference on Unani Medicine*, CCRUM, Institutional Area, Janak Puri, New Delhi, January (9-11), 2005, pp-425. **(Poster)**.
59. **Sayed Ahmad\***, R. Zafar, Anticonvulsant potential of *Convolvulus microphyllus* Sieb. presented in *Indian Pharmaceutical Congress (57<sup>th</sup> IPC)*, Hyderabad. December (2-4) 2005, H-3, pp-87 **(Oral)**.
60. R. Zafar, Swati Balian\* and **Sayed Ahmad**, Biotechnological approach of *Silybum marianum* (L) Gaertn and its anti-microbial activity. *International Conference on Unani Medicine*, CCRUM, Institutional Area, Janak Puri, New Delhi, January (9-11), 2005, pp-426. **(Poster)**.

## **2004**

61. Vidhu Aeri, R. Zafar, **Sayed Ahmad\*** and P.I. Khan, HPTLC finger print of *Phyllanthus niruri* L. and some polyherbal hepatoprotective formulations." Presented in *National workshop on Institute-Industry Interaction on research in Unani Medicine to Identify areas of Collaboration*, Hamdard University, New Delhi, January (7-9) 2004, page-103. **(Poster)**.
62. Vidhu Aeri, R. Zafar, **Sayed Ahmad\*** and P.I. Khan, Quantitative estimation of Phyllanthin in *Phyllanthus niruri* Linn. and some polyherbal hepatoprotective formulations by HPTLC. Presented in *World Herbo Expo*, Bhopal, January (12-14) 2004, page-58. **(Oral)**.
63. R. Zafar, M. Mujeeb, **Sayed Ahmad\***, Antihepatotoxic activity of aqueous extracts of root and root callus of *Tephrosia purpurea* (L) pers. Presented in *World Herbo Expo*, Bhopal, January (12-14) 2004, page-58. **(Oral)**
64. R. Zafar, M. Mujeeb\*, **Sayed Ahmad** and J. I. Siddiqui, Hypoglycemic activity of aqueous extracts of root and root callus of *Tephrosia purpurea* (L) pers. Presented in *4<sup>th</sup> Asian Network of Research on Antidiabetic Plants (ANRAP) International Seminar*, Kolkata, India, January (16-18) 2004, page-64. **(Oral)**
65. R. Zafar, M. Mujeeb\*, **Sayed Ahmad** and Vidhu Aeri, Antimicrobial activity of leaf and leaf callus of *Tephrosia purpurea* (Linn.) Pers., Presented in *5<sup>th</sup> Annual Symposium on Frontiers in Biomedical Research. Delhi, India*, April 14-16, 2004. **(Poster)**
66. R. Zafar, M. Mujeeb\*, **Sayed Ahmad** and Vidhu Aeri, HPTLC Finger Prints of *Nigella sativa* Linn. Presented in *5<sup>th</sup> Annual Symposium on Frontiers in Biomedical Research. Delhi, India*, April 14-16, 2004. **(Poster)**
67. Raj Kumari\*, Vidhu Aeri, M. Mujeeb and **Sayed Ahmad**, Isolation of diethyltrihydroxy benzene and nigralanostenone from *Solanum nigrum*, presented in *Indian Pharmaceutical Congress (56<sup>th</sup> IPC)*, Kolkata. December (2-5) 2004, CP-33, pp-209. **(Poster)**.
68. R. Zafar, Swati Balian, **Sayed Ahmad**, Anti-inflammatory activity of Callus cultures of *Silybum marianum* (L). Gaertn., presented in *Indian Pharmaceutical Congress (56<sup>th</sup> IPC)*, Kolkata. December (2-5) 2004, CP-53, pp-215 **(Poster)**.
69. R. Zafar, Swati Balian, **Sayed Ahmad\***, Callus culture of *Silybum marianum* – A potential source of Silybin, presented in *Indian Pharmaceutical Congress (56<sup>th</sup> IPC)*, Kolkata. December (2-5) 2004, HP-11, pp-279. **(Poster)**.
70. R. Zafar, Sheeba Fareed\*, Vidhu Aeri, **Sayed Ahmad**, Callus culture of *Silybum marianum* – A potential source of Silybin, presented in *Indian Pharmaceutical Congress (56<sup>th</sup> IPC)*, Kolkata. December (2-5) 2004, HP-9, pp-279. **(Poster)**.

## **2003**

71. R. Zafar, **Sayed Ahmad\*** and Mohd. Mujeeb, HPTLC profile of *Ephedra Gerardiana* Wall. and *Sida acuta* Burm. Presented in *National Symposium on Plant Biology and Biodiversity in Changing Environment (Indian Botanical Society)*, Hamdard University, New Delhi, December (29-31) 2003, page-47. **(Poster)**.
72. R. Zafar, **Sayed Ahmad\*** and Mohd. Mujeeb, Estimation of ascorbic acid in suspension cultures of *Cassia occidentalis* Linn., Presented in *National Symposium on Plant Biology and Biodiversity in Changing Environment (Indian Botanical Society)*, Hamdard University, New Delhi, December (29-31) 2003, page-49. **(Poster)**.
73. R. Zafar, **Sayed Ahmad\*** and Mohd. Mujeeb, Estimation of ascorbic acid in static and suspension cultures of *Convolvulus microphyllus* Sieb." Presented in *Indian Pharmaceutical Congress (55<sup>th</sup> IPC)*, Chennai. December (19 – 21) 2003, page-247. **(Poster)**
74. R. Zafar, **Sayed Ahmad\*** and Mohd. Mujeeb, Antimicrobial activity of callus culture of leaf and stem of *Convolvulus microphyllus* Sieb." Presented in *Indian Pharmaceutical Congress (55<sup>th</sup> IPC)*, Chennai. December (19 – 21) 2003.
75. R. Zafar, **Sayed Ahmad\*** and Mohd. Mujeeb, Chemical standardization of *Convolvulus microphyllus* Sieb and its callus cultures by HPTLC." Presented in a national seminar on *New Millennium Strategies for Quality, Safety and GMPs of Herbal Drug Products*, at NBRI Lucknow, November (11 – 13) 2003., page-149. **(Poster)**.

## **2002**

76. **Sayeed Ahmad\*** and Mohd. Mujeeb, AIDS and Indian System of Medicine, Presented in a National event (Swadeshi Arogya Mela, at Jawahar Lal Nehru Stadium, New Delhi) co- sponsored by Govt. of India 2002. **(Oral)**
77. R. Zafar, **Sayeed Ahmad\*** and Mohd. Mujeeb, Scopoletin in leave and leave callus of *Convolvulus microphyllus* Sieb., Presented in *Indian Pharmaceutical Congress (54<sup>th</sup> IPC)* Pune, December (11-14) 2002. **(Oral)**

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10. Honorary Life Member Asian Polymer Association (L-242)
11. Life member of Indian Pharmaceutical Association (IPA) (DLH/LM/0432)
12. Life member of Indian Pharmacological Society (IPS). (LA-150)
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