



SALMAN AHMED

E-mail: salmanahmed@uok.edu.pk

Researcher Info and Profile	
ORCID (Open Researcher and Contributor ID)	ORCID ID: orcid.org/0000-0003-2033-0181 http://orcid.org/0000-0003-2033-0181
Scopus	Scopus Author ID: 56532555500 http://www.scopus.com/authid/detail.url?authorId=56532555500
ResearchGate-United States	http://www.researchgate.net/profile/Salman_Ahmed5
Web of Science	Web of Science ResearcherID: B-8789-2015 https://www.webofscience.com/wos/author/record/935933
Academia.edu-San Francisco, California	http://karachi.academia.edu/SalmanAhmed
LiveDNA	LiveDNA: 92.11143 http://livedna.org/92.11143
Google Scholar	https://scholar.google.com.pk/citations?user=MppjuHAAAAAJ&hl=en

ACADEMIC QUALIFICATIONS

- **Ph.D.**, (Pharmacognosy) C.GPR = 3.83; University of Karachi (2019)

Thesis title: *In vitro* antiurolithiatic activity in genus *Macrotyloma* and *Phaseolus*.

- **M.Phil.**, (Pharmacognosy) C.GPR = 3.80; University of Karachi (2010).



Thesis title: Chemical and biological studies on some species of genus *Cordia*.

- **B.Pharm.** C.GPR = 3.15; University of Karachi (2004).
- **D.H.M.S.**, Mohammadi Homoeopathic Medical College, Malir, Karachi, (2010).
- **H.S.S.C.** 1st Division , B-Grade; Govt Science College Malir Cantt, Karachi (1997).
- **S.S.C.** 1st Division, A-1 Grade; Govt Boys Secondary School # 02 (1995).

CURRENT STATUS

- Assistant Professor (BPS-19) Department of Pharmacognosy, Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi from 07-06-2016 to date.

PROFESSIONAL EXPERIENCE

- **2013 - 2016**
As a Lecturer in (BPS-18) Department of Pharmacognosy, Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi from 21-01-2013 to 06-06-2016.
- **2005 - 2009**
As an Officer Production Searle Pharmaceuticals Pakistan Ltd. in Solid manufacturing area from 04-04-2005 to 09-10-2009.
- **2005**
Management Trainee as Granulation Technician from 16-12-2004 to 15-03-2005 in Searle Pharmaceuticals Pakistan Ltd.
- **2004**
Management Trainee as Q.A. Inspector in PharmEvo (Pvt.) Ltd. from 17-09-2004 to 10-12-2004.
Internship in Helix Pharma (Pvt.) Ltd from 06-06-2004 to 20-07-2004.



PROFESSIONAL STATUS

- Registered Pharmacist, Pharmacy Council of Sindh, Karachi, Pakistan
(Registration No. 2688).
- Registered Homoeopath Doctor, National Council for Homoeopathy, Islamabad, Pakistan (Registration No.131059).

MEMBER OF SCIENTIFIC SOCIETIES AND COMMITTEES

- Focal Person, Office of Research, Innovation and Commercialization (ORIC), Department of Pharmacognosy, University of Karachi from March 17, 2017 to date.
- Global Outreach Contribution Member, American Society for Microbiology (ASM), Washington. (ASM Member # : 54253189).
- Life Fellow, Zoological Society of Pakistan (ZSP), Punjab, Pakistan (ZSP # 77).
- Life member, The Chemical Society of Pakistan, Islamabad, Pakistan (Registration No. S0387).
- Life member, Pakistan Botanical Society (PBS), Karachi, Pakistan.

MEMBER OF ACADEMIC AND ADMINISTRATIVE BOARDS AND COMMITTEES

- Annual member, University of Karachi Alumni, Karachi, Pakistan (Registration No. 079).
- Member, Karachi University Pharmacy Alumini, Karachi, Pakistan (Membership No.KUPA-04005).
- Quality Enhancement Cell Committee, Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi from May 05, 2016 to date.
- Industrial visit, internship and training committee, Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi from February 02, 2017 to date.
- Board of Faculty, Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi from January 21, 2013 to January 21, 2016.
- Board of Faculty, Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi from January 21, 2019 to date.



- Board of Studies in Pharmacognosy, Faculty of Pharmacy, University of Karachi from January 21, 2013 to January 21, 2016.
- Board of Studies in Pharmacognosy, Faculty of Pharmacy, University of Karachi from January 21, 2019 to January 21, 2022.

AWARDS AND HONORS

- Nishan-e-Zafar (an award of University of Karachi for Meritorious services in Education and Research) for the year 2013-2014.

http://www.researchgate.net/publication/268389305_NISHAN-E-ZAFAR

RESEARCH GRANTS

S. No.	Title	Research Grant No.	Funding agency / University	Amount (PKR)	Year
1.	Chemical analysis and Pharmacological activity of plants traditionally used in diarrhea	DRG - 70099396	Dean's Research Grant, University of Karachi	150,000 /=	2021
2.	Phytochemical studies on <i>Phaseolus lunatus</i> and its effects on digestive enzymes	DRG - 05160004		100,000 /=	2018
3.	Comparative pharmacological studies on <i>Phaseolus</i> species	DRG - 65570215		102,500 /=	2016
4.	Biological studies on <i>Tithonia diversifolia</i> (Hemsl.) A.Gray	DRG - 4503918		100,000 /=	2014

INVITED LECTURES (03)

- **Salman Ahmed**, invited speaker of "Ethnopharmacology - The Science behind herbal medicine discovery from ancient wisdom" in Biological session of 4th International Conference on Environmental Horizon - Valuing and Conserving Nature (ICEH-2016), January 08-10, 2016, Karachi. Jointly organized by Department of Chemistry and International Center for Chemical and Biological Sciences, University of Karachi.
https://www.researchgate.net/publication/290605245_Ethnopharmacology_The_Science_behind_herbal_medicine_discovery_from_ancient_wisdom



- **Salman Ahmed**, invited speaker of "Herbal Medicine - leaf to drug molecule" one day seminar, September 16, 2015, Karachi. Organized by Department of Botany, Jinnah University for Women, Karachi, Karachi, Pakistan.
https://www.researchgate.net/publication/283461098_Memory_of_Second_invited_lecture---Sep-2015_%281%29
- **Salman Ahmed**, invited speaker of "Ethnopharmacology- Drug discovery from treasure house of ancient wisdom" delivered in Symposium on World Diabetes Day "Role of Ethnopharmacology in metabolic disorders", November 18, 2014, Karachi. Organized by Phytopharmacology and Biotechnology Research Laboratory, Department of Biochemistry, University of Karachi, Karachi, Pakistan.
https://www.researchgate.net/publication/268446534_Ethnopharmacology-Drug_Discovery_from_Treasure_House_of_Ancient_Wisdom

PARTICIPATION

INVITED REFEREE / REVIEWER (Web of science: B-8789-2015)

1. Elsevier

- Pharmacological Research (12)
- Life Sciences (23)
- Biomedicine and Pharmacotherapy (09)
- Heliyon (14)
- Journal of Traditional and Complementary Medicine (03)
- Critical Reviews in Oncology / Hematology (03)
- Current Research in Biotechnology (01)
- Saudi Journal of Biological Sciences (01)
- Food and Chemical Toxicology (01)

2. Springer Nature

- International Journal of Peptide Research and Therapeutics (03)
- Naunyn-Schmiedeberg's Archives of Pharmacology (03)
- Naunyn-Schmiedeberg's Archives of Pharmacology (03)
- World Journal of Surgical Oncology (02)
- Medical Oncology (02)
- Molecular Neurobiology (01)
- Cell Biochemistry and Biophysics (02)

3. Wiley

- Journal of Food Biochemistry (01)
- Clinical and Experimental Pharmacology and Physiology (02)



4. Frontiers

- Frontiers in Pharmacology (03)

5. MDPI

- Nutrients (02)
- Molecules (01)
- International Journal of Molecular Sciences (01)
- Toxins (01)

6. Hindawi Limited

- Oxidative Medicine and Cellular Longevity (01)

7. Dove Medical Press Limited

- Journal of Experimental Pharmacology (02)
- Drug Design, Development and Therapy (02)
- International Journal of Nanomedicine (03)

8. SCIENCEDOMAIN International

- European Journal of Medicinal Plants (01)
- Journal of Pharmaceutical Research International (12)

9. Cell Press, American Society of Gene & Cell Therapy

- Molecular Therapy - Nucleic Acid (03)

10. Medknow Publications

- Indian Journal of Pharmaceutical Sciences (01)

11. Oriental Scientific Publishing Company

- Biomedical and Pharmacology Journal (42)

12. International Scientific Information Incorporation

- Medical Science Monitor (01)

13. Faculty of Pharmacy, Helwan University, Egypt

- Journal of Advanced Pharmacy Research (01)

14. The Hashemite University, Jordan

- Jordan Journal of Biological Sciences (04)

15. Trisakti University, Indonesia

- Universa Medicina (01)



16. Academic Journals, Nigeria

- Journal of Medicinal plant Research (01)

17. Jinnah University for Women, Pakistan

- RADS- Journal of Pharmacy and Pharmaceutical Sciences (01)

POSTER PRESENTATION (16)

1. Nimra Mazhar, Sadia Ghousia Baig , **Salman Ahmed** and Muhammad Mohtasheemul Hasan. Analgesic and anti-inflammatory potential of four varieties of Bell Pepper (*Capsicum annum* L.) in rodents. International Research Conference on Pharmaceutical and Allied Sciences (IRCPAS 2020), March 7-8, 2020, Malaysia. Organized by UCSI University, Kuala Lumpur, Malaysia.
2. **Salman Ahmed** and Muhammad Mohtasheemul Hasan. Growth of brushite crystals on glass slide: A simple and inexpensive *in vitro* model to evaluate natural antiurolithiatic drugs. 7th International Symposium-cum-Training Course on Molecular Medicine and Drug Research (MMDR-7), November 4-7, 2019, Karachi. Organized by Dr. Panjwani Center for Molecular Medicine and Drug Research, International Center for Chemical and Biological Sciences, University of Karachi.
3. Syed Muhammad Umer Gilani, Rifat Roshan, **Salman Ahmed** and Muhammad Mohtasheemul Hasan. Antitussive effect of aerial parts of *Caesalpinia pulcherrima* by sulphur dioxide induced cough in rats. 1st International Conference on Research Perspectives in Pharmaceutical Sciences (ICRPPS) , October 23-25, 2019, Karachi. Jointly organized by Faculty of Pharmacy, Hamdard University, Karachi and International Center for Chemical and Biological Sciences, University of Karachi.
4. **Salman Ahmed** and Muhammad Mohtasheemul Hasan. Growth of urate (gouty and urinary) crystals on glass slide: A simple and Inexpensive *in vitro* model to evaluate natural antiurolithiatic and anti-gout drugs. 5th Science and Technology Exchange Program on Challenges of Communicable and Non-Communicable Diseases (STEP - 5), February 27 - March 02, 2019, Karachi. Jointly organized by Mustafa^(PBUH) Science and Technology Foundation, Iran and Dr. Panjwani Center for Molecular Medicine and Drug Research, International Center for Chemical and Biological Sciences, University of Karachi.
5. **Salman Ahmed** and Muhammad Mohtasheemul Hasan. Inhibition of hyperoxaluric calcium oxalate nephrolithiasis by *Macrotyloma uniflorum* (Lam.) Verdc. seeds infusion on glass slide. 9th ANRAP International Seminar From Plant To Patient: Identification of new drugs for metabolic disorders, January 25 - 27 , 2019, Karachi. Jointly organized by Dr. Panjwani Center for



Molecular Medicine and Drug Research, International Center for Chemical and Biological Sciences, University of Karachi and Asian Network for Research on Antidiabetic Plants (ANRAP), Bangladesh.

6. Rifat Roshan, Syed M. Umer Gilani, **Salman Ahmed** and Muhammad Mohtasheemul Hasan. Antitussive effect of some medicinal plants on sulphur dioxide induced cough in animal model. Fourteenth Biennial Conference on "Molecular Biosciences: Research and Innovations", December 9-12, 2018, Karachi. Organized by Pakistan Society for Biochemistry and Molecular Biology (PSBMB), Dr. A. Q. Khan Institute Of Biotechnology & Genetic Engineering (KIBGE), University of Karachi.
7. **Salman Ahmed** and Muhammad Mohtasheemul Hasan. Growth of urinary calcium oxalate crystals on glass slide and their inhibition by *Phaseolus lunatus* L. infusion. 14th International Symposium on Natural Product Chemistry (ISNPC-14), November 6-8, 2018, Karachi. Organized by International Center for Chemical and Biological Sciences, University of Karachi.
8. **Salman Ahmed** and Muhammad Mohtasheemul Hasan. Growth of urinary calcium oxalate crystals on glass slide and their inhibition by *Phaseolus vulgaris* L. infusion. 2nd International Symposium on Natural Products for the Future (ISNPF-2), November 4-6, 2018, Karachi. Jointly organized by International Center for Chemical and Biological Sciences, University of Karachi and Phytochemical Society of Asia.
9. **Salman Ahmed**, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Total, insoluble and soluble dietary fiber contents of three Pakistani legume flours. 4th International Conference on Environmental Horizon - Valuing and Conserving Nature (ICEH-2016), January 08-10, 2016, Karachi. Jointly organized by Department of Chemistry and International Center for Chemical and Biological Sciences, University of Karachi.
10. **Salman Ahmed**, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Total, insoluble and soluble oxalate contents of three Pakistani legume flours. 4th Pak-France Bi-national workshop on drug discovery and molecular medicine, October 12-14, 2015, Karachi. Jointly organized by Dr. Panjwani Center for Molecular Medicine and Drug Research (International Center for Chemical and Biological Sciences, University of Karachi, Karachi) and Embassy of Republic of France, Islamabad, Pakistan.



11. Muhammad Sohail Anwer, Sumbul Shamim, **Salman Ahmed**, Muhammad Mohtasheemul Hasan and Iqbal Azhar. Hypotensive activity of *Melilotus officinalis* (L.) PALLAS. Third Hamdard International Unani Medicine Conference on “Unani Medicine: Education and research issues, prospects and challenges (HUCON-2013)”, February 25-27, 2013, Karachi. Organized by Hamdard University, Faculty of Eastern Medicine, Hamdard University, Karachi- 74600, Pakistan.
12. Najma Shaheen, **Salman Ahmed**, Iqbal Azhar and M. Mohtasheem. Analgesic activity on two Cleome species. 10th International and 22nd National Chemistry Conference, November 21-23, 2011, Faisalabad. Organized by Department of Chemistry and Biochemistry, University of Agriculture, Faisalabad, Pakistan.
13. Kanwal Waseem, **Salman Ahmed**, M. Mohtasheemul Hasan, Syed Waseemuddin Ahmed and Iqbal Azhar. Analgesic activity of *Luffa cylindrica*. Symposium cum Workshop on Tools in Biomedical Research (Golden Jubilee Celebration Series), March 01-03, 2011, Karachi. Organized by Department of Biochemistry, University of Karachi.
14. Kanwal Waseem, M. Mohtasheemul Hasan, **Salman Ahmed**, Syed Waseemuddin Ahmed and Iqbal Azhar. Anti-inflammatory activity of *Luffa cylindrica*. 1st International Conference of Chemistry and its role in Science (ICCRS-1), January 3-5, 2011, Karachi. Organized by Department of Chemistry, Jinnah University for Woman, Karachi.
15. **Salman Ahmed**, Iqbal Azhar, M. Mohtasheemul Hasan and Syed Waseemuddin Ahmed. Anti-emetic activity of six aromatic medicinal plants by using chick emetic model. 1st International Symposium on Nanomedicine: Past, Present & Future Prospects, December 20-21, 2010, Karachi. Jointly organized by H.E.J. Research Institute of Chemistry, University of Karachi, Karachi and The Center of Nanoscale Science Technology, University of Illinois at Urbana-Champaign, USA.
16. Iqbal Azhar, M. Mohtasheemul Hasan, **Salman Ahmed**, Affan Zahid and Rabail Zahid. Anti-emetic activity of some aromatic medicinal plants. 12th International Symposium on Natural Product Chemistry, November 22 – 25, 2010, Karachi. Organized by H. E. J. Research Institute of Chemistry, University of Karachi, Karachi.



INTERNATIONALLY RECOGNISED ONLINE COURSES (08)

(Total Credit Hours: 02)

1. Mentoring in Peer Review conducted by Web of Science Academy Certificate, course completion May, 2021.
2. Co-reviewing with a Mentor conducted by Web of Science Academy Certificate, course completion May, 2021.
3. Reviewing in the sciences conducted by Web of Science Academy Certificate, course completion May, 2021.
4. Publons Academy Mentor Certification course completion May, 2021.
5. Publons Academy Practical Peer Review Course, course completion 27 January, 2021.
6. "Publishing a Journal Manuscript - the Groundwork" conducted by Springer Nature Switzerland AG, course completion April 23, 2015.
7. "Springer English Academy" conducted by Springer Nature Switzerland AG, course completion April 21, 2015.
8. "Journal Author Academy Part 1: Writing your Manuscript" conducted by Springer Nature Switzerland AG, course completion April 17, 2015.
9. "Journal Author Academy Part 2: Submitting and Peer Review" conducted by Springer Nature Switzerland AG, course completion April 17, 2015.
10. "Clinically Relevant Herb-Drug Interactions: Past, Present, and Future-National Center for Complementary and Alternative Medicine", under the program of Online Continuing Education Series conducted by National Center for Complementary and Integrative Health, U.S. National Institutes of Health (NIH). Lecturer: Bill J. Gurley, Ph.D. Professor in the Department of Pharmaceutical Sciences and director of the Clinical Pharmacokinetics Laboratory at the University of Arkansas for Medical Sciences College of Pharmacy, course completion March 06, 2015 **(Credit hour:01)**.
11. "Integrative Medicine-National Center for Complementary and Alternative Medicine", under the program of Online Continuing Education Series conducted by National Center for Complementary and Integrative Health, U.S. National Institutes of Health (NIH). Lecturer: Ralph Snyderman, M.D. James B. Duke Professor of Medicine in the Duke University School of Medicine, course completion March 06, 2015 **(Credit hour: 01)**.



12. "Course on Research Communication Skills Development", September 2-3, 2014 Karachi. Organized by Office of Research Innovation and Commercialization (ORIC), University of Karachi.

PUBLICATIONS

BOOKS (07)

Publications (Books) - 2024

1. **Salman Ahmed**. How to Grow Urinary Stone and Gouty Crystals on Glass Slide: Exploring Morphologies, Disease Insights, and Herbal Inhibition Strategies. (ISBN: 978-620-7-47033-4). LAP LAMBERT Academic Publishing GmbH & Co. KG, Heinrich-Bocking-Str.6-8, 66121 Saabrucken Deutschland / Germany. Pages, 108, (2024).
2. **Salman Ahmed** and Muhammad Mohtashem ul Hasan. Glossary of globally used herbs and animals for urolithiasis: Historical background, mechanism of action, therapeutic spectrum, formulations with doses. (ISBN: 978-620-7-45721-2). LAP LAMBERT Academic Publishing GmbH & Co. KG, Heinrich-Bocking-Str.6-8, 66121 Saabrucken Deutschland / Germany. Pages. 132, (2024).

Publications (Books) - 2014

3. **Salman Ahmed**. *Tithonia diversifolia* (Hemsl.) A. Gray: Ethnopharmacology, biological and phytochemical investigation. (ISBN: 978-3-659-11057-3). LAP LAMBERT Academic Publishing GmbH & Co. KG, Heinrich-Bocking-Str.6-8, 66121 Saabrucken Deutschland / Germany. [Pages, 64](#) , (2014).

Publications (Books) - 2013

4. **Salman Ahmed**, Sohail Anwer and Iqbal Azhar. *Melilotus officinalis* (L.) Pallas: Ethnopharmacology, biological and phytochemical investigation. (ISBN: 978-3-659-49132-0). LAP LAMBERT Academic Publishing GmbH & Co. KG, Heinrich-Bocking-Str.6-8, 66121 Saabrucken Deutschland / Germany. [Pages, 104](#) , (2013).
5. **Salman Ahmed**. *Ficus exasperata* and *Cleome ciliata*: ethnopharmacology, biological and phytochemical investigation (ISBN: 978-3-659-43611-6). LAP LAMBERT Academic Publishing GmbH & Co. KG, Heinrich-Bocking-Str.6-8, 66121 Saabrucken Deutschland / Germany. [Pages, 112](#), (2013).
6. **Salman Ahmed**, Farhana Tasleem and Iqbal Azhar. *Samanea saman* and *Prosopis cineraria*: Traditional use- biological and phytochemical investigation (ISBN: 978-3-659-36955-1). LAP LAMBERT Academic Publishing GmbH & Co. KG, Heinrich-Bocking-Str.6-8,66121 Saabrucken Deutschland / Germany. [Pages, 52](#) (2013).



Publications (Books) - 2011

7. M. Mohtasheem ul Hasan, **Salman Ahmed** and S. Waseemuddin Ahmed. Genera *Phoenix*, *Castanospermum* and *Cordia*: Traditional use- biological and phytochemical investigation (ISBN: 978-3-8454-7720-6). LAP LAMBERT Academic Publishing GmbH & Co. KG, Dudweiler Landstraße 99 , 66123 Saarbrücken, Germany. [Pages, 156](#) (2011).

BOOK CHAPTER

- Ziyad Khan, **Salman Ahmed**, Marya, Hammad Ullah, Haroon Khan. Chapter 4.23 - Vitamin E (tocopherols and tocotrienols) (natural-occurring antioxidant; bright and dark side). In: Antioxidants Effects in Health. Edited by Seyed Mohammad Nabavi and Ana Sanches Silva, **Elsevier**, pages 547-560 (2022). DOI: [10.1016/B978-0-12-819096-8.00066-5](#)

RESEARCH PAPERS (111)

International (89) ; National (22)

Total Impact Factor (IF) = 93.297

Publications (Research papers) - 2024

1. **Salman Ahmed** and Shahnila Jamil. Chemical Pharmacognosy in natural drug discovery-bridging folk wisdom and modern medicine. Journal of Pharmacognosy and Phytochemistry, India, 13 (1): 391-398, 2024.
DOI: 10.22271/phyto.2024.v13.i1e.14857
2. **Salman Ahmed**, Shahnila Jamil and Maaz Uddin Ahmed Siddiqui. Secondary metabolites-God gifted arsenal for plants. Journal of Pharmacognosy and Phytochemistry, India, 13 (1): 38 - 43, 2024.
DOI:10.22271/phyto.2024.v13.i1a.14811

Publications (Research papers) - 2023

3. Mehreen Zaheer, Anum Kalim, Shah Ali Ul Qadar, **Salman Ahmed** and Muhammad Mohtasheemul Hasan. Inhibitory potential of *Phaseolus lunatus* L. Seeds to Digestive Enzymes. BioSight, Pakistan, 4(2):59-69, 2023. **(Category- Y journal) DOI: 10.46568/bios.v4i2.87**
4. **Salman Ahmed**, Waqas Alam, Khalaf F. Alsharif, Michael Aschner, Fuad M. Alzahrani, Luciano Saso and Haroon Khan. Therapeutic potential of marine peptides in malignant melanoma. Environmental Research, 227: 115771, 2023. **(Category- W journal) DOI: 10.1016/j.envres.2023.115771**



5. **Salman Ahmed**, Waqas Alam, Michael Aschner, Rosanna Filosa, Wai San Cheang, Philippe Jeandet, Luciano Saso and Haroon Khan. Marine Cyanobacterial Peptides in Neuroblastoma: Search for Better Therapeutic Options. *Cancers*, 15(9): 2515, 2023. **(Category- W journal) DOI: 10.3390/cancers15092515**

Publications (Research papers) - 2022

6. **Salman Ahmed**, Waqas Alam, Michael Aschner, Khalaf F. Alsharif, Ashraf Albrakati, Luciano Saso and Haroon Khan. Natural products targeting the ATR-CHK1 signaling pathway in cancer therapy. *Biomedicine and Pharmacotherapy*, 155: 113797, 2022. **(Category- W journal) DOI: 10.1016/j.biopha.2022.113797**
7. Nimra Mazhar, Muhammad Mohtashem ul Hasan, Sadia Ghousia Baig, **Salman Ahmed**, Razia Jaffery and Rahila Ikram. Diuretic and anti-diarrheal potential of four fruit extracts of *Capsicum annum* L. *Pakistan Journal of Pharmaceutical Sciences*, 35(5): 1357-1362, 2022. **(Category- Y journal) DOI: 10.36721/PJPS.2022.35.5.REG.1357-1362.1**
8. **Salman Ahmed**, Waqas Alam, Philippe Jeandet, Michael Aschner, Khalaf F. Alsharif, Luciano Saso and Haroon Khan. Therapeutic Potential of Marine Peptides in Prostate Cancer: Mechanistic Insights. *Marine Drugs*, 20:466, 2022. **(Category- W journal) DOI: 10.3390/md20080466**
9. Salman Ahmed, Haroon Khan, Sajad Fakhri, Michael Aschner, Wai San Cheang. Therapeutic potential of marine peptides in cervical and ovarian cancers. *Molecular and Cellular Biochemistry*, 477(2): 605 – 619, 2022. **(Category- X journal) DOI: 10.1007/s11010-021-04306-y**
10. Syed Waleed Ahmed Bokhari, Hina Sharif, Syed Muhammad Umer Gilani, Syed Tahir Ali, Salman Ahmed, Maaz Uddin Ahmed Siddiqui and Muhammad Mohtasheemul Hasan. Pharmacognostic and phytochemical study of the flowers of *Cordia sebestena* L. *Pakistan Journal of Pharmaceutical Sciences*, 35(1): 069-076, 2022. **(Category- Y journal) DOI: 10.36721/PJPS.2022.35.1.REG.059-076.1**

Publications (Research papers) - 2021

11. **Salman Ahmed**, Haroon Khan, Hamed Mirzaei, Muhammad Mohtasheemul Hasan, Mohamed Eddouks and Maria Daglia. Herbal drug interaction: Mechanistic details through the pharmacokinetic portfolio. *CNS and Neurological Disorders - Drug Targets*, 20(8): 677 – 686, 2021. **(Category- W journal) DOI: 10.2174/1871527319666201008151710**



12. Syed Muhammad Umer Gilani, Rifat Roshan, **Salman Ahmed** and Muhammad Mohtasheem Hasan. Antitussive effect of aerial parts of *Caesalpinia pulcherrima* L. by sulfur dioxide induced cough in rats. RADS Journal of Pharmacy and Pharmaceutical Sciences, Pakistan 9(2): 109-112, 2021. **DOI: 10.37962/jpps.v9i2.514**
13. **Salman Ahmed**, Muhammad Mohtasheemul Hasan, Michael Aschner, Hamed Mirzaei, Waqas Alam, Syed Muhammad Mukarram Shah and Haroon Khan. Therapeutic potential of marine peptides in glioblastoma: Mechanistic insights. Cellular Signalling, 87: 110142, 2021. **(Category- W journal) DOI: 10.1016/j.cellsig.2021.110142**
14. **Salman Ahmed**, Hamed Mirzaei, Michael Aschner, Ajmal Khan, Ahmed Al-Harrasi and Haroon Khan. Marine peptides in breast cancer: Therapeutic and mechanistic understanding. Biomedicine and Pharmacotherapy, 142: 112038, 2021. **(Category- W journal) DOI: 10.1016/j.biopha.2021.112038**
15. Nimra Mazhar, Sadia Ghousia Baig , **Salman Ahmed**, Muhammad Mohtasheemul Hasan, Amber Palla and Ghazala Ishrat. Analgesic and anti-inflammatory potential of four varieties of bell pepper (*Capsicum annum* L.) in rodents. Pakistan Journal of Pharmaceutical Sciences, 34(4):1369-1376, 2021. **(Category- Y journal) DOI: 10.36721/PJPS.2021.34.4.REG.1369-1376.1**
16. Salma Sabir , Sadia Ghousia Baig, Muhammad Mohtasheem ul Hasan , Afshan Siddiq , **Salman Ahmed** and Syeda Anum Fatima. The anti-depressant activity of fixed oil of *Phaseolus vulgaris* Linn. in mice. Pakistan Journal of Scientific and Industrial Research Series A: Physical Sciences 64(1):1-5, 2021. **(Category- Y journal) DOI:10.52763/PJSIR.PHYS.SCI.64.1.2021.1.5**
17. Memon Fatima, **Salman Ahmed**, Maaz Uddin Ahmed Siddiqui and Muhammad Mohtasheemul Hasan. Medicinal uses, phytochemistry and pharmacology of *Bauhinia racemosa* Lam. Journal of Pharmacognosy and Phytochemistry, India, 10 (2): 121-124, 2021. **DOI: 10.22271/phyto.2021.v10.i2b.13972**
18. Mehreen Zaheer, Anum Kalim, Maaz Uddin Ahmed Siddiqui and **Salman Ahmed**. *Vigna trilobata* (L.) Verdc: a review of medicinal uses, phytochemistry and pharmacology. Journal of Pharmacognosy and Phytochemistry, India, 10 (2): 118-120, 2021. **DOI: 10.22271/phyto.2021.v10.i2b.13971**
19. Anum Kalim, Mehreen Zaheer, Maaz Uddin Ahmed Siddiqui, **Salman Ahmed** and Muhammad Mohtasheemul Hasan. Nutritional value, Ethnomedicine, Phytochemistry and pharmacology of *Vigna radiata* (L.) R. Wilczek. Journal of Pharmacognosy and Phytochemistry, India, 10 (2): 54-58, 2021. **DOI: 10.22271/phyto.2021.v10.i2a.13821**



20. Rifat Roshan, **Salman Ahmed** and Muhammad Mohtasheemul Hasan. *Arenaria serpyllifolia* L.: A review of medicinal uses, phytochemistry and pharmacology. *World Journal of Pharmacy and Pharmaceutical Sciences, Bulgaria*, 10 (3):157-164, 2021.
21. **Salman Ahmed**, Mehreen Zaheer, Imran Ahsan Mallick and Muhammad Mohtasheemul Hasan. Choleric and cholagogic effects of anti-cholelithiatic plants. *Journal of Pharmacognosy and Phytochemistry, India*, 10 (2): 01-07, 2021. **DOI: 10.22271/phyto.2021.v10.i2a.13664**
22. **Salman Ahmed**, Maaz Uddin Ahmed Siddiqui, Imran Ahsan Mallick and Muhammad Mohtasheemul Hasan. Zootherapeutics (Animal-based remedies) for urolithiasis: History, current scenario and future dimensions. *Journal of Pharmacognosy and Phytochemistry, India*, 10 (2): 08-11, 2021. **DOI: 10.22271/phyto.2021.v10.i2a.13666**

Publications (Research papers) - 2020

23. **Salman Ahmed**, Mehreen Zaheer and Muhammad Mohtasheemul Hassan. Gall stone dissolving plants: A concise review. *Journal of Pharmacognosy and Phytochemistry, India*, 9 (6): 36-40, 2020. **DOI: 10.22271/phyto.2020.v9.i6a.13006**
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