

Curriculum Vitae

Prof. Dr. HAMID SAEED, (Pharmaceutics) (HEC Approved Supervisor)

Business Address

University College of Pharmacy,
University of the Punjab
Allama Iqbal Campus, 54000,
Lahore, Pakistan.
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Permanent Address

J2-Block, House #, 76-77, Johar Town
54600, Lahore, PAKISTAN

Personal Data

Date of birth: August 27, 1976
Place of birth: Lahore, Pakistan
Citizenship: Pakistani
Marital status: Married

Education

2000 Bachelor of Pharmacy. College of Pharmacy, University of the Punjab, Lahore, Pakistan
2006 Master of Philosophy in Molecular Biology, Center of Excellence in Molecular Biology, University of the Punjab, Lahore, Pakistan
2007-2010 Doctor of Philosophy (PhD) Department of Endocrinology (KMEB lab), Odense University Hospital & University of Southern Denmark, Odense, Denmark.

Other Formal Education and Research Experiences

2012 **Postdoctoral Research Fellowship** awarded by School of Medicine, Department of Medical Endocrinology, Stanford University, Palo Alto, California, United States
2012 **Postdoctoral Research Fellowship** awarded by Ottawa Hospital Research Institute (OHRI), Sprott Stem Cell Center, Ottawa, ON, Canada
2006 **Research associate**, KMEB lab, Odense University Hospital, Odense, Denmark

Total Employment Experience (pre-PhD + post-PhD) = 23.9 years

| Post-PhD Experience | | | | |
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| Sr. No | Organization/Institution | Position | Duration | Experience (Years/Months/Days) |
| 1 | Department of Pharmaceutics, College of Pharmacy, University of the Punjab | Professor of Pharmaceutics | <i>09/12/2019 - to date</i> | 03/04/10 |
| 2 | College of Pharmacy, University of the Punjab | Assistant Professor of Pharmaceutics | 01/08/2013 – 08/12/2019 | 06/05/11 |

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| 3 | School of Medicine, Stanford University, USA | Postdoctoral fellowship | 16/08/2012 – 15/07/2013 | 00/10/29 |
| 4 | Sprott Stem Cell Center, Ottawa Hospital Research Institute, Canada | Postdoctoral fellowship | 01/04/2012 – 15/08/2012 | 00/4/15 |
| 5 | University College of Pharmacy, University of the Punjab | Assistant Professor of Pharmacy | 12/10/2011 – 28/03.2012 | 00/5/16 |
| Total Post-PhD experience | | | | 11/06/20 |
| Pre-PhD Experience | | | | |
| 1 | KMEB Lab, Odense University Hospital, Odense, Denmark | Research associate | 07/06/2011 – 30/08/2011 | 00/2/23 |
| 2 | KMEB Lab, Odense University Hospital, University of Southern Denmark | PhD Student | 01/09/2007 – 06/06/2011 | 3/10/06 |
| 3 | KMEB Lab, Odense University Hospital, Odense, Denmark | Research Associate | 01/07/2006 – 30/08/2007 | 01/01/27 |
| 4 | CLINIX Plus, Pharmacy | Pharmacy Manager | 15/12/2003 – 31/05/2006 | 02/05/15 |
| 5 | SERVIER Research Pharmaceuticals (Pvt. Ltd) | Medical Information Officer | 01/04/2001 – 09/12/2003 | 02/07/08 |
| 6 | FAZAL DIN Pharma Plus | Retail Pharmacist | 01/10/2000 – 30/03/2001 | 00/06/00 |
| Total Pre-PhD Experience | | | | 10/09/18 |

Administrative, Academic and Public Services

- 2023-todate **Member, Purchase Committee**, Health Center, University of the Punjab.
- 2022-todate **Convener**, Disciplinary Committee, Examination and Secrecy, University of the Punjab, Lahore, Pakistan
- 2022-todate **Member Departmental Doctoral Program Committee (DDPC)**, Department of Food Science, Faculty of Agriculture Sciences, Punjab University.
- 2022-todate External Examiner of the MPhil Pharmacy Practice Program, Department of Pharmacy Practice, Faculty of Pharmacy, Bahauddin Zakariya University
- 2022-todate **Visiting Faculty, Pharmaceutical Biotechnology** Module for BS honors, Institute of Biochemistry and Biotechnology, Faculty of Life-sciences, University of the Punjab.
- 2021-todate Member **Record Checking & and Old Notification Committee**, Degree cell, University of the Punjab, Lahore
- 2021-todate Member **Selection Board**, Department of Pharmacy Practice, Bahauddin Zakariya University, Multan, Pakistan
- 2021-todate Member **Board of Faculty (BOF)**, Faculty of Pharmacy, University of the Punjab, Lahore.
- 2021-todate Member **Board of Studies (BOS)**, Faculty of Pharmacy, University of the Punjab, Lahore
- 2020-todate Member **Board of Faculty (BOF)**, Faculty of Pharmacy, Bahauddin Zakariya University, Multan, Pakistan
- 2020-todate Member **Board of Studies (BOS)**, Department of Pharmacy Practice, Faculty of Pharmacy, Bahauddin Zakariya University, Multan, Pakistan
- 2020-todate Member, **Senate**, University of the Punjab, Lahore.

- 2020-todate Member **Academic Council**, University of the Punjab, Lahore.
- 2020-todate **Chairman, Post-graduate Admission Committee**, College of Pharmacy, University of the Punjab
- 2020-todate **Member, Under-graduate Admission Committee**, College of Pharmacy, University of the Punjab.
- 2020-todate **In-charge, internship program**, community pharmacy, for Pharm D students, College of Pharmacy
- 2020-todate **In-charge/focal person Central Lab Facility**, University College of Pharmacy, University of the Punjab
- 2020-todate Member, **Board of Faculty** (BOF), University College of Pharmacy, University of the Punjab
- 2020-todate Member **Board of Studies** (BOS), University College of Pharmacy, University of the Punjab.
- 2020-todate **Member Doctoral Program Committee**, University College of Pharmacy, University of the Punjab
- 2020 Nominated among the Delegation of **THREE scientists** from University of the Punjab for a meeting with **Prime Minister of Pakistan**
- 2019-todate **Member**, Committee for timely redressal of grievances/complaints of students for Old Campus, University of the Punjab
- 2018-2020 **Visiting Faculty, Pharmacology** Module for BS honors, Institute of Biochemistry and Biotechnology, Faculty of Life-sciences, University of the Punjab.
- 2018-2019 **Module Coordinator**, Pharmacology & Toxicology, Faculty of Health Sciences, University of the Punjab
- 2017 Initiated and materialized the signing of **Memorandum of Understanding** (MoU) with **High-noon Laboratories** for 1 Gold Medal and 3 Evening Pharm D scholarships for needy Students of PUCP.
- 2017-20 In-charge **Animal house**, University College of Pharmacy, Punjab University, Lahore.
- 2017-19 Member **Board of Studies** (BOS), Institute of Pharmacy, Lahore College for Women University, Lahore
- 2017 **Member/Secretary** Tenure Track Faculty Evaluation Sub-Committee, University of the Punjab, Lahore
- 2015-18 **Head of Pharmacy Practice Section**, University College of Pharmacy, Punjab University
- 2015-to-date In-charge **Student Hostel Affairs**, University College of Pharmacy, Punjab University (to date)
- 2015 Member **Purchase Committee**, University College of Pharmacy, Punjab University
- 2015-17 In-charge Internship Program for Pharm D., students (Hospital & Community)
- 2014 Made M.Phil. Pharmacy Practice Course to start M.Phil. Pharmacy Practice
- 2014-to-date In-charge **Library**, College of Pharmacy, University of the Punjab

Technical Skills

Synthesis & characterization of Nano-particles and drug loading using different polymers

Statistical analysis (Multivariate analysis, Cox Proportion Hazard Ratio, Relative Risk and Odds Ratio)

Cell & tissue culture, Primary and cell lines.

Quantitative real time – PCR (gene expression)

Gel – Electrophoresis

Animal handling (Mice)

Glucose & Insulin Tolerance Test (GTT & ITT)

Luciferase reporter assay

Western Blot

Immunocytochemistry

Telomerase repeat amplification protocol

Differentiation assays; Osteoblast, Adipocyte, Chondrocytes and Osteoclasts

Bone resorption assay

Proliferation and Apoptotic assays

DNA damage and senescence assays

DNA, RNA and protein extraction from cells and tissues

Electroporation of H9 Human Embryonic Stem Cells (Invitrogen)

Human Embryonic Stem Cells Culture

Flow cytometry (Course hands on)

Cloning (4 months experience)

Micro-array analysis by IPA (Ingenuity pathways analysis)

Oral gavage in mice

Honors & Awards

- 2020 **Keynote Speaker**, *1st virtual International Conference on Innovation in Pharmacy*, organized by Giving Back to Pharmacy in Pakistan (GBTPP), September 18 – 19, 2020.

- 2020 Nominated among the Delegation of **TOP THREE scientists** from University of the Punjab for a meeting with **Prime Minister of Pakistan**
- 2020 **Invited Speaker**, *CancerBio Conference*, February 13 -14, 2020. University of the Punjab, Lahore
- 2019 **Chairman Scientific Committee**, *20th International Pharmacy Conference and Exhibition*, October 03-06, 2019, Pear Continental, Lahore, Pakistan
- 2019 **Invited symposium speaker**, *3rd International Conference on Recent Advancement in Pharmaceutical Research and Drug Delivery*, February 19 – 20, 2019, Quaid-e-Azam University of Islamabad, Pakistan
- 2017 **Registered Randomized Control Trial (RCT)**; ISRCTN22657497, <https://doi.org/10.1186/ISRCTN22657497> (*A Randomized Control Trial of a Primary Care-based Management of Type 2 Diabetes by a Pharmacist; Results from the SAMPLE Trial*)
- 2017 **Registered Educational Intervention Trial**; ChiCTR-OON-17013246. (*Post-surgical Antibiotic Prophylaxis: Impact of Pharmacist's Intervention on Appropriate Use of Antibiotics*)
- 2017 **Research Funds worth 4.12 million PKR** under National Research Program for Universities (NRPU) by Higher Education Commission (HEC) of Pakistan
- 2017 **Guest Speaker**, *Research Colloquium*, How and Where to apply for a Research Grant in Pakistan, January 16 – 19, 2017, Lahore College for Women University
- 2017 **Invited Lecture** on Recent Trends in Human Disease Modelling: Importance of Genetically Modified Mice, on 21 March, 2017, at Lahore Pharmacy College, LMDC, Lahore, Pakistan
- 2017 **Member Board of Studies (BOS)**, Institute of Pharmacy, Lahore College for Women University (LCWU), Lahore
- 2017 **Invited Speaker**, International Conference on Pharmacy Practice, January 12 – 14, 2017, Islamia University of Bahawalpur.
- 2016 **Invited Symposium Speaker** at 19th International Pharmacy Conference and Exhibition, 21 – 24 April, 2016, Pearl Continental Hotel, Lahore, Pakistan
- 2015 **Invited Symposium Speaker** at 29th Scientific Meeting of Malaysian Society of Pharmacology and Physiology, 24 – 25 August 2015, Kuala Lumpur, Malaysia.
- 2014 **Allied Health Professional Award** – awarded at 41st Annual Congress of European Calcified Tissue Society, 17-20 May 2014, Prague, Czech Republic.
- 2012 **Postdoctoral Research Fellowship** awarded by School of Medicine, Department of Medical Endocrinology, Stanford University, Palo Alto, California, United States
- 2011 **Postdoctoral Research Fellowship** awarded by Ottawa Hospital Research Institute, Ottawa, ON, Canada
- 2010 **“New Investigator award”** awarded at 37th European symposium on Calcified Tissues 26-30 June 2010, Glasgow, UK.
- 2007 **3 years Ph.D scholarship** (1 million DKK) from The Novo Nordisk Fonden, Denmark
- 2006 Awarded overseas Ph.D scholarship and appointment as Lecturer in COMSATS institute Islamabad, Pakistan based on GRE score. (**NOT availed**)
- 2006 Awarded Indigenous Ph.D scholarship by securing 64/100 marks in GRE based test conducted by NTS, Pakistan. (**NOT availed**)
- 2006 Distinction in virology and Thesis evaluation among M.phil., students, CEMB, Lahore, Pakistan

- 2004 **Certificate of distinction for outstanding organization of medical meetings** for the year 2002 – 2003 awarded at Sheraton hotel, Karachi, Pakistan.
- 2003 **Best Medical Information Officer** of the year 2001 – 2002 all over Pakistan, awarded at Crown Prince’s Hotel, Kuala Lumpur, Malaysia by SERVIER Research Pharmaceuticals.
- 2003 **Certificate of distinction for outstanding organization of medical meetings** for the year 2001 – 2002 awarded at Crown prince’s Kuala Lumpur, Malaysia by SEVIER Research Pharmaceuticals.

Research/Travel Grants & Scholarships

- 2017 **4.12 million PKR under NRPUR from HEC, Pakistan**, “*Studies on the prevalence, clinical biomarkers identification, mechanisms of disease progression and chemo-resistance in stage III & IV breast cancer patients of Lahore, Pakistan*” (Principal Investigator, completed)
- 2016 Research project from Punjab University – **0.15 million PKR** “*The Screening and Identification of Chemo-resistant Biomarkers in Breast Cancer Patients of Lahore*” (Principal Investigator, completed)
- 2015 **Travel grant of 0.25 million PKR from University of the Punjab** to present research work on 29th Scientific Meeting of Malaysian Society of Pharmacology and Physiology, 24 – 25 August 2015, Kuala Lumpur, Malaysia (Principal Investigator)
- 2014 **Travel grant of 0.35 million PKR from University of the Punjab** to present research work on 41st Annual Congress of European Calcified Tissue Society, 17-20 May 2014, Prague, Czech Republic, (Principal Investigator)
- 2014 Research Project from University of the Punjab for the **establishment of Stem Cell and Nano-Medicine Lab – 2.4 million PKR** (Principal Investigator, completed)
- 2013 Research project from Punjab University – **0.15 million PKR** “*The Identification and Screening of Natural and Synthetic Compounds Against Persistent Hyperglycemia Using Drug Induced Type-II Diabetic Mouse Model*” (Principal Investigator, completed)
- 2009 **Registration and Travel grant** (1000 Euros, based on abstract) from European science foundation for Bone Stem Cell workshop in Bologna, Italy, 7th – 10th October 2009. (Principal Investigator)
- 2007 3 years PhD studentship (**1 million DKK**) from The Novo Nordisk Fonden, Denmark (completed)

Membership of Scientific Societies

- 2015-todate Pakistan Pharmacist Association (member)
- 2014-16 Pakistan Pharmacist Association (Joint Secretary Punjab)
- 2014 European Calcified Tissue Society (ECTS)
- 2010 European Calcified Tissue Society (ECTS)
- 2008 European Calcified Tissue Society (ECTS)
- 2008 American Society of Bone and Mineral Research (ASBMR)
- 2007 European Calcified Tissue Society (ECTS)
- 1999-2006 Pakistan Pharmacist Association (PPA)
- 1994-2000 Blood donor society, College of pharmacy, University of Punjab, Lahore, Pakistan

Paper setter/External Examiner and Subject Expert

Under-graduate evaluation, (Pharm D, Pharmaceutics & Clinical pharmacy)

*Bahauddin Zakariya University, Multan,
Islamia University, Bahawalpur,
University of Veterinary and Animal Sciences,
Lahore College for Women University*

Post-graduate thesis evaluation (MPhil, Pharmaceutics & Clinical Pharmacy)

Bahauddin Zakariya University, Multan,
 Islamia University, Bahawalpur,
 Sargodha University, Sargodha,
 University of Veterinary and Animal Sciences,
 Dow University of Health Sciences, Karachi.
 School of Nursing & public Health, University of KwaZulu-Natal, South Africa

Pharmacy Council

Pharmacy technician

Punjab Public Service Commission

For the post of Pharmacist, BPS-17, in primary and secondary health department, Government of Punjab, Pakistan.

Services as Editor/Reviewer of the Journals and Funding Agencies

Editor

Frontiers in Pharmacology (Guest editor)

Funding Agencies

Higher Education Commission (HEC), Islamabad, Pakistan.

Pakistan Science Foundation

National and International Journals

- Pakistan Journal of Pharmaceutical Sciences (IF = 0.7)
- PlosONE (IF = 3.3)
- BMC Complementary and Alternative Medicine (IF = 1.5)
- World Journal of Gastroenterology (IF = 2.8)
- Journal of Herbal Medicine (IF = 1.2)
- Phytotherapy Research (IF= 2.7)
- Theranostics (IF = 8.8)
- Stem CELLS (IF = 5.9)
- Clinical Epidemiology (IF = 3.9)

PhD Students Supervised/Co-supervised

Total: 10

| Sr. # | Year | Student's Name | Thesis Title |
|-------|------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1 | 2019 | Asma Shahzad (Completed) | <i>Mycosynthesis of Silver Nano-particles: Optimization characterization and their Anti-microbial and Cytotoxic Activity</i> |
| 2 | 2022 | Surrayia Naheed (completed) | <i>Phytochemical and Antibacterial Investigations of Extracts of Zizyphus Oxyphylla Edgew</i> |
| 3 | 2023 | Fariha Imtiaz (completed) | <i>Phytochemical Investigations and Antidiabetic Activity of Phytoniosomes and Extracts of Leaves of Tradescantia Pallida.</i> |
| 4 | 2023 | Saira Fayyaz (completed) | <i>Phytochemical, Anti-hyperlipidemic and in Silico Studies of Seeds Extract of Ficus carcia.</i> |

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| 5 | 2023 | Farooq Bashir Butt (completed) | <i>Evaluation of Issues in Combating Counterfeit, Substandard, Spurious and Adulterated Drugs using Mixed Method Approach</i> |
| 6 | 2023 | Nadia Mazhar (completed) | <i>Polyamidoamine Based Nano-vectors for Targeted Drug Delivery to Treat Cancer</i> |
| 7 | 2023 | Attique (Completed) | <i>Phytochemical Analysis to Probe Anti-inflammatory Potential of Leaves of Extracts of Ficus natalensis subsp. Leprieurii (Miq) C.C. Breg and In-silico Validation</i> |
| 8 | 2023 | Sibghat Mansoor Rana (completed) | <i>Synthesis, Characterization, Molecular Docking, Anti-inflammatory and Anti-cancer Activities of Substituted 1,3,4-oxidazole Derivatives</i> |
| 9 | 2023 | Shumaila Miraj (Ongoing) | <i>Impact of Patient Interval Associated Delays on Tumor size, Survival and Biomarkers Signature in Chemo-resistant and Sensitive Breast Cancer Patients</i> |
| 10 | 2020 | Sadia Iftikhar (ongoing) | <i>Targeted delivery of Nanosomes incorporated with microbial synthesized bismuth nano-particles as therapy against H. Pylori infection</i> |
| 11 | 2022 | Anum Yasmeen (ongoing) | <i>Phytochemical, Anti-diabetic and in-silico Studies of Extracts of Shells of Seeds of Prunus domestics L.</i> |
| 12 | 2022 | Iqra Sleem (ongoing) | <i>Synthesis, In-silico Studies and Pharmacological Investigation of Oxazolone and Imidazolone Derivatives as a Potential Anti-inflammatory Agents</i> |
| 13 | 2022 | Irum Shahzadi (ongoing) | <i>Synthesis and Chemical Characterization of Bio-compatible Metal Oxide doped Cellulose Grafted Hydrogel for Bactericidal and Controlled Release of Doxorubicin for Anti-cancer Effects</i> |
| 14 | 2022 | Muhammad Zohaib (ongoing) | <i>Phytochemical Investigations and Anti-diabetic Evaluation of Endocarp Extracts of Juglans regia L. Fruit: In-silico Validation Study</i> |
| 15 | 2022 | Salman Baig (ongoing) | <i>Phytochemical Profiling, Anti-epileptic Properties and in-silico Studies of Extracts of Ficus benghalensis L.</i> |
| 16 | 2022 | Bushra Saleem (ongoing) | <i>Phytochemical Profiling, Anti-hyperlipidemic Evaluation, and in-silico Analysis of Leaves of Extracts of Onosma hispidum Wall.</i> |

MPhil/MS Students Supervised/Co-supervised

Total: 66

| Direct or 1st supervision | | | |
|---------------------------------------------|-------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sr. # | Year | Student's Name | Thesis Title |
| 1 | 2017 | Zaida Javed (Completed) | <i>Impact of Pharmacist Intervention on Glycemic Control in Patients with Type 2 Diabetes Mellitus – Randomized Control Trial</i> |
| 2 | 2017 | Kiran Ibrahim (Completed) | <i>Ceftazidime Exposure and Emergence of Extended-spectrum Beta-lactamase Resistant Gram Negative Bacteria (ESBL-GNB) in a Tertiary Care Hospital: A Study from Lahore</i> |
| 3 | 2017 | Muzna Sohail (Completed) | <i>Impact of Health Literacy on Medication Adherence and Quality of Life in Patients with Ischemic Heart Disease; A study from Lahore</i> |

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| 4 | 2017 | Zunaira Akbar (Completed) | <i>Role of pharmacist in Evaluating discrepancies in TPN prescriptions at a Tertiary Care Hospital</i> |
| 5 | 2017 | Ghulam Mujtaba (Completed) | <i>Impact of Pharmacist Intervention on Medication Errors and Cost on Discharge Patients</i> |
| 6 | 2017 | Madeeha Imtiaz (Completed) | <i>Assessment of Satisfaction, Quality of Life and Adherence in Dialysis Patients</i> |
| 7 | 2017 | Sundas Siddique (Completed) | <i>Patient Reported Outcomes Measures of Pharmaceutical Therapy for Quality of Life (PROMPT QOL)</i> |
| 8 | 2017 | Reema Azmat (Completed) | <i>Impact of Medication Adherence on Quality of Life of Arthritis Patients with Co-Morbid Conditions</i> |
| 9 | 2018 | Rhan Gul (Completed) | <i>Trends and Barriers in Ethical Promotion/Marketing of Pharmaceuticals in Pakistan; Prescriber and Representative Aspects</i> |
| 10 | 2018 | Khaula Aziz (Completed) | <i>Self-care Practices and Glycemic Control in Patients with Diabetes Mellitus; Impact of Pharmacist's Intervention</i> |
| 11 | 2018 | Mariam Ashraf (Completed) | <i>Assessment of Knowledge, Attitudes and Barriers of CAM Usage Among Pharmacy & Non-Pharmacy University Students</i> |
| 12 | 2018 | Maira Rana (Completed) | <i>Assessment of Diabetes Knowledge in Diabetes Patients of Lahore; Impact on Medication Adherence, Self-management and Glycemic Control</i> |
| 13 | 2018 | Kiran Pervaiz (Completed) | <i>Association of Medication Adherence with Health Related Quality of Life (HRQoL) in Hypertensive Patients: A Study from Lahore</i> |
| 14 | 2018 | Faheem Ahmed (Completed) | <i>Availability and Cost of Breast Cancer Treatment: A Survey Based Study from Lahore Pakistan</i> |
| 15 | 2018 | Amna Saeed (Completed) | <i>Evaluation of Medicine Prices, Availability and Affordability in Lahore Division, Punjab, Pakistan Using WHO/HAI Methodology</i> |
| 16 | 2018 | Anza Ahmad (Completed) | <i>Assessment of Self-reported Knowledge, Practices and Anxiety Among General Population</i> |
| 17 | 2019 | Ali Uzair (Completed) | <i>Role of Pharmacist Educational Services in the Management of Gestational Diabetes Mellitus; A Study from Lahore</i> |
| 18 | 2019 | Khubaib Sajjad (Completed) | <i>Effectiveness of Influenza Vaccination Program for Workers of a Tertiary Care Hospital; Impact on Worker's Absenteeism</i> |
| 19 | 2019 | Nida Razzaq (Completed) | <i>Pharmacological Assessment of Prescriptions in Hypertensive Patients at Medicine Retail Outlets of Lahore, Pakistan</i> |
| 20 | 2020 | Sadia Yasmeen (completed) | <i>Pharmacology Guided Identification of Biomarkers of Chemo-resistance/sensitivity using Advance Metastatic Breast Cancer Cell Line and Breast Cancer Tissue Biopsy</i> |
| 21 | 2020 | Amna Tariq (completed) | <i>Safety and efficacy of Tramadol in pediatric cancer patients based on routine monitoring in a specialized cancer care hospital</i> |
| 22 | 2021 | Rabia Hayee (completed) | <i>Synthesis, characterization and antibacterial activity of polymer-based levofloxacin nanoparticles</i> |

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| 23 | 2021 | Nihal Khalid (completed) | <i>Synthesis, characterization and pharmacological evaluation of Ciprofloxacin Nano-particles against resistant bacterial strains prevalent in a tertiary care hospital</i> |
| 24 | 2021 | Saman Arooj (completed) | <i>Synthesis, characterization and pharmacological evaluation of Cefixime Nano-particles against resistant bacterial strains prevalent in a tertiary care hospital</i> |
| 25 | 2021 | Themina Hussain (completed) | <i>Drug utilization pattern of hypoglycemic agents among Type 2 Diabetic patients with co morbid diseases reporting to tertiary care hospitals</i> |
| 26 | 2021 | Mehak Mukhtar (completed) | <i>Clinico-pharmacological Management of PCOS and its Impact on HRQoL in Women reporting to primary care facilities</i> |
| 27 | 2021 | Reeyum Naeem (completed) | <i>Clinico-pharmacological management of Acute Gastroenteritis in children reporting to THQ Hospital</i> |
| 28 | 2021 | Zainab Babar (completed) | <i>Impact of Sofosbuvir/daclatasvir on viral load and overall survival in compensated and decompensated HCV patients</i> |
| 29 | 2021 | Sasha Hameed (completed) | <i>Impact of Calcium and Vit-D intake on bone quality among general population of Lahore, A longitudinal cohort study</i> |
| 30 | 2022 | Areej Amin (Ongoing) | <i>Synthesis, characterization and anti-cancer potential of PLGA-metformin nanoparticles against HepG2 cancer cells</i> |
| 31 | 2022 | Fatima Iqbal (Completed) | <i>A Cross-sectional Comparison of Prescription Errors in the Pediatric Population of Teaching and Non-teaching Health Care Facilities of Punjab</i> |
| 32 | 2022 | Roha Ali Haris (Completed) | <i>A Cross-sectional Assessment of the Clinical Management of Burkitt Lymphoma Patients on various Chemo-therapeutic Regimens</i> |
| 33 | 2022 | Saba Habib (Completed) | <i>Synthesis, Characterization and Cytotoxic Potential of Rosuvastatin-Calcium Nanoparticles</i> |
| 34 | 2022 | Muhammad Abdullah (Completed) | <i>Synthesis, Characterization, and Cytotoxic Potential of PLGA-Rosuvastatin Calcium Nanoparticles</i> |
| 35 | 2022 | Adan Ajmal (Completed) | <i>Synthesis, characterization and cytotoxic potential of Zinc Oxide nanoparticles against breast cancer cell line</i> |
| 37 | 2023 | Mahnoor Ahmad (ongoing) | <i>Comparative Synthesis, Characterization, and In-vitro Cytotoxic Potential of PLGA and Chitosan based 5-Fluorouracil Nanoparticles</i> |
| 38 | 2023 | Tayyab Kazim (ongoing) | <i>Synthesis, Characterization, and Cytotoxic Potential of Ertugliflozin Nanoparticles</i> |
| Co or 2nd supervision | | | |
| Sr # | Year | Student's Name | Thesis Title |
| 1 | 2015 | Saima Sattar (completed) | <i>To Evaluate the Efficacy and Tolerability of Chemo-protocols in Ovarian Cancer Population in Lahore, Pakistan</i> |
| 2 | 2015 | Sumaira Jabeen (completed) | <i>Efficacy and Tolerability of Chemotherapeutic Drugs Used in Breast Cancer</i> |

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| 3 | 2015 | Hafiz M. Umair (completed) | <i>Comparative Study of Long Acting Nifedipine GITS Based Therapy in Low and High Risk Patients Alone or Combination</i> |
| 4 | 2015 | Usman Iftikhar Tarrar (completed) | <i>Therapeutic Safety and Efficacy of Interferon Therapy in Hepatitis C Patients</i> |
| 5 | 2015 | Ammara Hakeem (completed) | <i>Safety, Tolerability and Effectiveness of Schizophrenic Drugs</i> |
| 6 | 2015 | Mohsin Aziz (completed) | <i>Studies of Safety and Efficacy of different Anti-diabetic Treatments in Obese and Non-obese Diabetics</i> |
| 7 | 2015 | Fareeha Rafique (completed) | <i>Physiochemical and Biological Studies of Shilajit</i> |
| 8 | 2015 | Sara Yasin (completed) | <i>Analytical and Anti-diabetic Studies of Extracts of Flowers of Bombax Ceiba LINN</i> |
| 9 | 2016 | Saba Zia Butt (completed) | <i>Pharmacological Appraisal of Prophylactic Antibiotic use in Post-Surgery: A Pharmacist intervention Study</i> |
| 10 | +2016 | Nazish Razzaq (completed) | <i>Impact of Antibiotic Therapy on Survival Rate, Affected by Gestational Age and Birth Weight in Neonatal Sepsis</i> |
| 11 | 2016 | Sajjad Ali (completed) | <i>Comparison of Insulin Regimens in Patients with Non-insulin Dependent Diabetes Mellitus</i> |
| 12 | 2016 | Muzammal Iftikhar (completed) | <i>Pharmacological Assessment of Antibiotic Usage in Public and Private Sector Hospitals of Lahore</i> |
| 13 | 2016 | Sana Iqbal (completed) | <i>Safety and Efficacy of Medications used in Patients with Decompensated Chronic Liver Disease</i> |
| 14 | 2016 | Fariha Imtiaz (completed) | <i>Analytical, Anti-cancer and Hair Growth Promotion Studies of Extracts of Leaves of Trigonella foenum-graecum</i> |
| 15 | 2016 | Bushra Saleem (completed) | <i>Physiochemical Investigations, Anti-cancer and Anti-diabetic Activities of Extracts of Acacia modesta Leaves</i> |
| 16 | 2016 | Maryam Asghar (completed) | <i>Analytical Studies and Biological Activities of Root Extracts of Onosma hispidum</i> |
| 17 | 2017 | Aneeqa Saleem (completed) | <i>Study and Comparison of Phytochemical Constituents and In-vivo Anti-urolithiatic Activity in Different Extracts of Peel and Pulp of Cucumis melo L.</i> |
| 18 | 2017 | Rabia Maqbool (completed) | <i>Analytical Studies and Hair Promotion Effects of Extracts of Leaves of Trigonella conrniculata</i> |
| 19 | 2018 | Muhammad Jameel (completed) | <i>Pharmacognostic Evaluation and in-vitro DNA protection Assay of Plants of Family Euphorbiaceae</i> |
| 20 | 2018 | Muhammad Naem (completed) | <i>Analytical studies and Biological Activities of Extracts of Leaves of Punica granatum</i> |
| 21 | 2018 | Saira Ameen (completed) | <i>Analytical Studies and Anti-diabetic Activity of Extracts of Peel of Trapa Bispinosa Fruit</i> |

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| 22 | 2018 | Rana Fakhar Hayat (completed) | <i>Development and Validation of a RP-HPLC Method for the Simultaneous Determination of Glucosamine Sulphate and Chondroitin Sulphate</i> |
| 23 | 2019 | Muhammad Irfan (completed) | <i>Development of a Tool to Educate the Pharmacy Proprietors for Rational Use of Controlled Drugs</i> |
| 24 | 2019 | Hafiz Waheed Ullah (completed) | <i>Pharmacognostic evaluation and in vitro DNA protection assay of plants of family Asteraceae</i> |
| 25 | 2019 | Misbah Rani (completed) | <i>Physicochemical, analytical studies and anti-diabetic activity of fruit of <i>Grewia asiatica</i></i> |
| 26 | 2019 | Asma Ishaq (completed) | <i>Phytochemical, analytical and biological activities of extracts of bark of Olea ferrufinea royle</i> |
| 27 | 2019 | Iram Shahzadi (completed) | <i>Physicochemical, phytochemical, anti-arthritis and anti-cancer activities of extracts of seeds and peel of Citrullus</i> |
| 28 | 2019 | Faiza (completed) | <i>Phytochemical, analytical, anti-arthritis and anti-hypertensive activities of extracts of seeds of Eriobotrya japonica (Thunb) Lindl</i> |
| 29 | 2019 | Ayesha Irfan (completed) | <i>In-vitro cytotoxic analysis of bacterial extracellular extracts</i> |
| 30 | 2020 | Anam Yasmeen (completed) | <i>Phytochemical and analytical studies and biological activities of extracts of peels of Solanum tuberosum L.</i> |
| 31 | 2020 | Syeda Raesa Shahid (completed) | <i>Proximate analysis, phytochemical studies and hepatoprotective effect of extracts of shells of Arachis hypogaea L.</i> |
| 32 | 2020 | Fareeha Hassan (completed) | <i>Phytochemical and analytical studies and hair promotion effects of extracts fruit of Beta vulgaris L.</i> |
| 33 | 2020 | Saba Qasim (completed) | <i>Gender wise assessment of medication adherence and its impact on blood pressure control among hypertension patients</i> |
| 34 | 2020 | Mariam Fatima (completed) | <i>Proximate analysis, phytochemical investigation, analytical studies and biological activity of extracts of fruit of Morus nigra L.</i> |

Overall Research Profile-to-date

| | |
|-------------------------------------------------------------------|-----------|
| First Author Publications | 13 |
| <i>Impact factor</i> | 13 |
| <i>Non-impact factor</i> | - |
| Corresponding Author Publications (excluding first author) | 21 |
| <i>Impact factor</i> | 21 |
| <i>Non-impact factor</i> | 02 |
| Co-authored Publications | 82 |
| <i>Impact factor</i> | 67 |
| <i>Non-impact factor</i> | 15 |

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Total Publications | 13 + 20 + 82 = 115 |
| <i>Impact factor</i> | 100 |
| <i>Non-impact factor</i> | 15 |
| Cumulative Impact Factor | ~ 380 |
| Total citations | |
| <i>Google scholar</i> | 2250 |
| <i>(https://scholar.google.com/citations?hl=en&user=q803FWAAAAAJ&view_op=list_works&sortby=pubdate)</i> | |
| <i>Research-gate</i> | 1725 |
| h-index (excluding self-citations) | |
| <i>Google scholar</i> | 29 |
| <i>Research-gate</i> | 25 |

Research Publications

Cumulative IF = ~380

Publications in chronological order

Publications 2008, IF=4

1. Moustapha Kassem, Basem Abdallah, **Hamid Saeed** (2008). Osteoblastic cells: differentiation and trans-differentiation. *Archives of Biochemistry and Biophysics*; vol 473, nr 2, 183-7. (*Impact factor: 3.6*)

Publications 2009

2. Basem Abdallah, **Hamid SAEED**, Moustapha Kassem (2009). "Human mesenchymal stem cell; Basic biology and clinical applications for bone tissue regeneration". *Trends in stem cell biology and technology*. 2009, 177-190, www.DOI:10.1007/978-1-60327-905-5_12.

Publications 2010, IF=4.6

3. ***Hamid Saeed**¹, Basem M. Abdallah¹, Nicholas Ditzel¹, P. Catalá-Lehnen², Weimin Qiu¹, Micheal Amling², Moustapha Kassem^{1,3}. "Telomerase-deficiency leads to bone loss due to defects in skeletal stem cell and increased osteoclastogenesis by inflammatory microenvironment. Doi.10.1016/j.bone.2010.04.066 ([http://www.thebonejournal.com/article/S8756-3282\(10\)00610-1/fulltext](http://www.thebonejournal.com/article/S8756-3282(10)00610-1/fulltext)) (*Impact factor: 4.6*)

Publications 2011, IF=6.83

4. ***Hamid SAEED**, Basem M. Abdallah, Nicholas Ditzel, Philip Catala-Lehnen, Weimin Qiu, Michael Amling, Moustapha Kassem. 2011. Telomerase-deficient mice exhibit bone loss due to defects in osteoblasts and increased osteoclastogenesis by inflammatory microenvironment. *Journal of Bone and Mineral Research*. [Www.DOI:10.1002/jbmr.349](http://www.DOI:10.1002/jbmr.349). (*Impact factor: 6.83*)

Publications 2012, IF=5.74

5. ***Hamid SAEED**, Hanna Taipaleenmäki, Basem M Abdallah, Moustapha Kassem (2012). Mouse embryonic fibroblasts (MEF) exhibit a similar but not identical phenotype to bone marrow stromal stem cells (BMSC). *Stem cell Reviews and Reports* (*Impact factor: 5.74*)

Publications 2013, IF=2.06

6. ***Hamid SAEED** and Mehwish Iqtedar., 2013. Stem cell function and maintenance – ends that matter: Role of telomeres and telomerase. *J. Biosci.* 38 641–649 – www.DOI:10.1007/s12038-013-9346-3. (*Impact factor: 2.06*)

Publications 2014, IF=20.41

7. ***Hamid SAEED** (2014). Haplotype Analysis of DFNB8/10 Locus Reveals Contribution of TMPRSS3 Mutations in Pakistani Deaf Population. *Genes Genom.* DOI 10.1007/s13258-013-0151-z (*Impact factor: 1.84*)

8. *Hamid SAEED, Mehwish Iqtedar (2014). Bone Marrow Stromal Cell (BMSC) and Skeletal Aging; Role of Telomerase Enzyme. *Pak. J. Pharm. Sci.*, Vol.27, No.2, March 2014, pp.321-333. (Impact factor: 1)
9. Cristina Panaroni, Yi-shiuan Tzeng, Hamid SAEED, Joy Wu. 2014. Mesenchymal Progenitors and the Osteoblast Lineage in Bone Marrow Hematopoietic Niches. *Curr Osteoporos Rep.* [www.DOI:10.1007/s11914-014-0190-712\(1\)22-32](http://www.DOI:10.1007/s11914-014-0190-712(1)22-32). (Impact factor: 5.1)
10. Furqan Khurshid Hashmi, Russell Cail, Muhammad Islam, Zikria Saleem, Umair Amin, Khalid Hussain, *Hamid SAEED. 2014. Adaptation of WM68 Hybridoma Cell line in Minimal Serum and Serum Free Culture Conditions. *Pakistan J. of Zool.* 46(2) 355-362. (Impact factor: 0.8)
11. Partha Sinha, Piia Aarnisalo, Rhiannon Chubb, Noriaki Ono, Keertik Fulzele, Martin Selig, Hamid SAEED, Min Chen, Lee S. Weinstein, Paola Divieti Pajevic, Henry M. Kronenberg, and Joy Y. Wu (2014). Loss of Gs α Early in the Osteoblast Lineage Favors Adipogenic Differentiation of Mesenchymal Progenitors and Committed Osteoblast Precursors. *Journal of Bone and Mineral Research.* www.DOI:10.1002/jbmr.2270. (Impact factor: 6.83)
12. *Hamid Saeed, Weimin Qiu, Li Chen, Allan Flyverberj, Basem M Abdallah, Moustapha Kassem. "Telomerase Promotes Osteoblast Differentiation by Modulating IGF Signaling Pathway". *BONE*, DOI:10.1530/boneabs.3.PP149 (<http://www.bone-abstracts.org/ba/0003/ba0003PP149.htm>) (impact factor: 4.6)
13. Zikria*¹, Mobasher Ahmad¹, Furqan K. Hashmi¹, Muhammad Tahir Aziz², Hamid SAEED¹, Sairah Hafeez Kamran¹, Muhammad Islam¹. 2014. Comparative Study of Changes in Hepatic Profile Induced by Liposomal Doxorubicin Versus Conventional Doxorubicin Based Regimens in Cancer Patients. 2014. *Latin American Journal of Pharmacy.* 33 (7) 1167-74 (Impact factor: 0.24)

Publications 2015, IF=19.6

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14. *Hamid SAEED, Mehwish Iqtedar (2015). Aberrant gene expression profiles, during in vitro osteoblast differentiation, of telomerase deficient mouse bone marrow stromal stem cells (mBMSCs). *Journal of Biomedical Science.* www.DOI:10.1186/s12929-015-0116-4. (Impact factor: 8.41)
 15. Muhammad Islam, Khalid Hussain, Abida Latif, Furqan Khurshid Hashmi, Hamid SAEED, Nadeem Irfan Bukhari, Muhammad Zeeshan Danish, Bashir Ahmad (2015). Evaluation of Extracts of Seeds of *Syzygium cumini* L. for Hepatoprotective Activity Using CCl₄-Induced Stressed Rats. *Pakistan Veterinary Journal.* (14-320). (Impact factor: 1.4)
 16. Asif Manzoor Khan, Alicia A. Babcock, Hamid SAEED, Christa Løth Myhre, Moustapha Kassem, Bente Finsen¹ (2015). Telomere dysfunction reduces microglial numbers without fully inducing an aging phenotype. *Neurobiology of Aging.* www.doi:10.1016/j.neurobiolaging.2015.03.008 (Impact factor: 5)
 17. Muhammad Ahsan, Nasir Abbas, Amjad Hussain, Hamid SAEED, Pervaiz Akhtar Shah. 2015. Formulation Optimization and in-vitro Evaluation of Oral Floating Captopril Matrices using 32 full Factorial Design. *Tropical Journal of Pharmaceutical Sciences.* (Impact factor: 0.5)
 18. *Hamid SAEED, Weimin Qiu, Li Chen, Allan Flyverberj, Basem M Abdallah, Moustapha Kassem. 2016 "Telomerase Promotes Osteoblast Differentiation by Modulating IGF Signaling Pathway. DOI:10.1007/s10522-015-9596-6. *Bio-gerontology.* (Impact factor: 4.3)
 19. Fahad Saleem, Furqan Khurshid Hashmi, Naveel Atif, Nadeem Irfan Bukhari, Muhammad Ahsan, Hamid SAEED, Zikria Saleem and Mohamed Azmi Hassali. 2015. A Cross Sectional Assessment of Health Literacy among Cardiovascular Patients in Karachi, Pakistan. *Health Econ Outcome Res.* <http://dx.doi.org/10.4172/heor.1000101>.

Publications 2016, IF=17.7

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20. Partha Sinha, Piia Aarnisalo, Rhiannon Chubb, Ingrid J. Poulton, Jun Guo, Gregory Nachtrab, Takaharu Kimura, Srilatha Swami, Hamid SAEED, Min Chen, Lee S. Weinstein, Ernestina Schipani, Natalie A. Sims, Henry M. Kronenberg and Joy Y. Wu. 2016. Loss of Gs α in the Postnatal Skeleton Leads to Low Bone Mass and a Blunted Response to Anabolic PTH Therapy. *Journal of Biological Chemistry.* pii: jbc.M115.679753. (Impact factor: 5.2).

21. ¹Zikria Saleem, ^{*1}**Hamid SAEED**, ¹Mobasher Ahmad, ¹Mahrukh Yousaf, ¹Hafsa Binte Hassan, ¹Ayesha Javed, ¹Nida Anees, ¹Sonu Maharjan. **2016**. Antibiotic Self-prescribing Trends, Experiences and Attitudes in Upper Respiratory Tract Infection Among Pharmacy and Non-pharmacy Students: A Study from Lahore. *PlosONE*. DOI:10.1371/journal.pone.0149929 (*Impact factor* = 3.3).
22. Mobasher Ahmad, Aqsa Javaid, Saira Hafeez Kamran, Rukhsana Anwar, Zikria Saleem, **Hamid SAEED***. (2016) Comparative Effectiveness of Cysteine, Lysine and Glycine to Fend Off Paracetamol-Induced Hepatic Insult. *J Drug Res Dev* 2(1): doi <http://dx.doi.org/10.16966/2470-1009.112>
23. ^{*1}**Hamid SAEED**, Muhammad Ahsan, Zikria Saleem, Mehwish Iqtedar, Muhammad Islam, Zeeshan Danish and Asif Manzoor Khan. **2016**. Mesenchymal stem cells (MSCs) as skeletal therapeutics—an update. *Journal of Biomedical Science*. 23:41. DOI 10.1186/s12929-016-0254-3. (*Impact factor* = 8.41).
24. Zikria, Mobasher Ahmad, Furqan Kurshid Hashmi, ^{*1}**Hamid SAEED**, Muhammad Tahir Aziz. **2016**. Impairment of Liver Synthetic Function and the Production of Plasma Proteins in Primary Breast Cancer Patients on Doxorubicin-Cyclophosphamide (AC) Protocol. *Pakistan Journal of Pharmaceutical Sciences*. (*Impact factor: 0.8*)
25. Furqan K. Hashmi, Zikria Saleem, Mobasher Ahmad, **Hamid SAEED**, Muhammad Tahir Aziz, Fahad Saleem, Mohamed Azmi Hassali. **2016**. Comparative study of changes in renal and electrolyte profiles induced by liposomal doxorubicin versus conventional doxorubicin-based regimens in cancer patients. *Journal of Pharmacy and BioAllied Sciences*. DOI 10.4103/0975-7406.186322.
26. Furqan Kurshid Hashmi, Zikria Saleem, **Hamid SAEED**, Kumar VA. Self-Medication of Corticosteroids: A Life Threatening Case Report from Pakistan. **2016**. *Journal of Pharmacy Practice and Community Medicine*. 2(3)

Publications 2017, IF=18.5

27. Sana Hanif, Nadeem Irfan, Zeeshan Danish, Nisaar Hussain, Muhammad Ali¹, Bushra Nasir, Javed Iqbal, **Hamid SAEED**, Rubina Ali and Zikria Saleem. **2017**. Computer Aided Formulation and Characterization of Propranolol Hcl Buccal Tablet Using Polymeric Blend. *The Open Conference Proceedings Journal*. DOI: 10.2174/2210289201708011001.
28. Sajjad Ali^{1*}, Syed Atif Raza², Humayun Riaz¹, Mobasher Ahmad Butt², **Hamid SAEED**², Zikria Saleem², Tanveer Ahmed Khan¹, and Muhammad Ishfaq Ahmad¹. **2017**. A Demographical Assessment of Different Insulin Regimens in Non-insulin Dependent Diabetics. *British Journal of Pharmacology*. 17 (1) 1-7. DOI: 10.9734/BJPR/2017/33437
29. ¹Fariha Imtiaz, ¹Muhammad Islam, ^{*2}**Hamid SAEED**, ¹Bushra Saleem, ¹Maryam Asghar, ²Zikria Saleem. **2017**. Impact of *Trigonella foenum-graecum* Leaves Extract on Mice Hair Growth. *Pakistan Journal of Zoology* 49 (4) 1405-1412 (*Impact factor* = 0.8).
30. Zikria Saleem^{1*}, **Hamid SAEED**¹, Furqan K Hashmi¹, Nouman Saleem¹, Uzma Zafar¹, Maham Farrukh¹, Aina Salah¹, Saliha Ilyas¹, Sehrish Shafique¹, Mahrukh Ahsan¹, Zeeshan Danish² and Muhammad Islam³. **2017**. Impact of duration of therapy on side effect profile of anti-HCV protocol: A retrospective cohort study from two tertiary health facilities in Pakistan. *Tropical Journal of Pharmaceutical Research*. 16 (4) 931-937. (*Impact factor* = 0.5).
31. Farhan Sohail, Shoaib Sarwar, Ibrahim Javed, Akhtar Nadhman, Syed Zajif Hussain, **Hamid SAEED**, Nadeem Irfan Bukhari, Abida Raza, Irshad Hussain and Gul Shahnaz. **2017**. Cell to Rodent: Toxicological Profiling of Folate Grafted Thiomers Enveloped Nanoliposomes. *Toxicology Research*. DOI: 10.1039/C7TX00146K (*Impact factor* = 3.52)
32. Muhammad Akhlaq¹, Zeeshan Danish^{2*}, Kamran Khan¹, Abid Hussain³, Mahvish Ajaz³, Junaid Qureshi⁴, Ghulam Razaque⁶, Aamir Jalil⁵, Nauman ul Haq⁶, **Hamid SAEED**². (2017). Fabrication of Flurbiprofen Transdermal patch using milk thistle oil as permeation enhancer. *Acta Poloniae Pharmaceutica* 74 (4) 1187 – 1207. (*Impact factor* =0.5)

33. Usama Asif, Zikria Saleem, Mahrukh Yousaf, **Hamid SAEED**, Furqan Khurshid Hashmi, Muhammad Islam, Mohamed Azmi Hassali & Fahad Saleem. (2017). Gender wise clinical response of antipsychotics among schizophrenic patients: a prospective observational study from Lahore, Pakistan. *International Journal of Psychiatry in Clinical Practice*. <https://doi.org/10.1080/13651501.2017.1395055>. (Impact factor =2.14)
34. Saleem Z, **SAEED H**, Farooq MS, Masood A, Aslam S, Qamar M, Khalid M, Islam M, Hashmi FK, Hissali MA. (2017). Gender wise clinical response of anti-tuberculosis therapy (ATT). A prospective cohort study from Lahore, Pakistan. *International Journal of Biology, Pharmacy and Allied Sciences*. 6 (9) 1694-709.
35. Zikria S^{1*}, **Hamid SAEED**¹, Amna A¹, Farooq B¹, Iqra B¹, Murryam K¹, Azqa N¹, Saba A¹, Areefa T¹, Muhammad I¹ and Furqan KH^{1,2}. (2017). Comparative Safety Profile of Single Versus Combination Antipsychotic Therapy by Using Glasgow Antipsychotic Side Effect Scale (Gass). *Neurology and Neurotherapy Open Access Journal*. 2(2).
36. Usama Asif, Mahrukh Yousaf, Zikria Saleem, **Hamid SAEED**, Furqan K Hashmi, Azami Hassali. (2017). Exploring the knowledge and attitude of Medical and Pharmacy students about generic medicine in Lahore, Pakistan. <https://doi.org/10.1177/1741134317748344> , *Journal of Generic Medicines*.
37. ^{*1}**Hamid SAEED**, Zikria Saleem, Mariam Ashraf, Nida Razzaq, Kubra Akhtar, Ammarah Maryam, Nasir Abbas, Ali Akhtar, Nazeeha Fatima, Kalsoom Khan, Fawad Rasool. 2017. Determinants of Anxiety and Depression among University Students of Lahore, Pakistan. <https://doi.org/10.1007/s11469-017-9859-3>. *International Journal of Mental Health and Addiction* (Impact factor = 11.55)

Publications 2018, IF=7.85

38. ^{*1}**Hamid SAEED**, ¹Zikria Saleem, ¹Rida Naeem, ¹Irum Shahzadi, ¹Muhammad Islam. 2018. Impact of Health Literacy on Diabetes Outcomes: A Cross-sectional Study from Lahore. DOI: <http://dx.doi.org/10.1016/j.puhe.2017.12.005> *Public Health* (Impact factor = 2.4)
39. Zikria Saleem, **Hamid SAEED**, Faiza Azhar, Iqra Shafaqat, Soniya Shahzadi, Muhammad Salman, Furqan K. Hashmi, Muhammad Azmi Hassali. 2018. Career Preferences, Leadership Attitudes, and Research Interests among Pharmacy students of Lahore, Pakistan. *Journal of Applied Pharmaceutical Science*, 8 (6); 178 – 184. DOI: 10.7324/JAPS.2018.8624
40. ¹Bushra Saleem, ¹Muhammad Islam, ^{*2}**Hamid SAEED**, ¹Fariha Imtiaz, ¹Maryam Asghar, ³Zikria Saleem, ⁴Azra Mehmood, ⁵Surriya Naheed. 2018. Investigations of *Acacia modesta* Wall Leaves for *In-vitro* Anti-diabetic, Proliferative and Cytotoxic Effects. *Brazilian Journal of Pharmaceutical Sciences*. 54 (2); 1-8 (Impact factor = 0.55).
41. Muhammad Farhan Sohail, Syed Zajif Hussain, **Hamid SAEED**, Ibrahim Javed, Hafiz Shoaib Sarwar, Akhtar Nadhman, Zil-e-Huma, Mubashar Rehman, Sarwat Jahan, Irshad Hussain & Gul Shahnaz. 2018. Polymeric nanocapsules embedded with ultra-small silver nanoclusters for synergistic pharmacology and improved oral delivery of Docetaxel. DOI:10.1038/s41598-018-30749-3. *Nature Scientific Reports* (Impact factor = 4.4)
42. ¹Maryam Asghar, ¹Muhammad Islam, ^{*2}**Hamid SAEED**, ¹Fariha Imtiaz, ¹Bushra Saleem, ²ZikriaSaleem, ⁴ShaistaQamar, ³Mehwish Iqtedar. 2018. Investigations on *Onosma hispidum* Wall Root Extracts for *In-vitro* Antidiabetic, Proliferative and Cytotoxic Effects. *Journal of Animal and Plant Sciences*.28 (5); 1-10 (Impact factor = 0.5)

Publications 2019, IF=35.4

43. ¹Saima Sattar, ¹Mobasher Ahmad, ^{*1}**Hamid SAEED**, ¹Zikria Saleem, ¹Zeeshan Danish, ²Muhammad Akhlaq. 2019. Comparison of clinico-pathological characteristics and survival of recurrent ovarian cancer patients on seven different chemo-protocols. DOI <https://doi.org/10.2478/acph-2019-0002> *Acta Pharmaceutica*. (Impact factor = 2.2).
44. Asma Shahzad^a, Mehwish Iqtedar^{a*}, **Hamid SAEED**^b, Syed Zajif Hussain^c, Asma Chaudhary^d, Roheena Abdullah^a, Afshan Kaleem^a. 2019. Mycosynthesis of size controlled silver nanoparticles through optimization of process variables by Response Surface Methodology. *Polish Journal of Microbiology* (Impact factor = 1.3)

45. Asma Shahzad¹, **Hamid SAEED**², Mehwish Iqtedar*¹, Syed Zajif Hussain³, Afshan Kaleem¹, Roheena Abdullah¹, Saima Sharif⁴, Shagufta Naz⁴, Faiza Saleem¹, Ayesha Aihetasham⁵, Asma Chaudhary⁶. **2019**. Size Controlled Production of Silver Nanoparticles by *Aspergillus fumigatus* BTCB10: Likely Anti-bacterial and Cytotoxic Effects. DOI <https://doi.org/10.1155/2019/5168698> *Journal of Nanomaterials*. (Impact factor = 2.98)
46. Muhammad Islam, Naureen Shehzadi, Muhammad Salman, Fakhra Zahid, Zeeshan Danish, **Hamid SAEED**, Furqan Khurshid Hashmi, Humaira Majeed Khan, Muhammad T Khan, Nadeem I. Bukhari, Khalid Hussain. **2019**. Metabolomics and Marker-Based Stability Studies of Methanol Extract of Seeds of *Syzygium cumini* L. *Pakistan Journal of Pharmaceutical Sciences*. 32 (2) 2019. (Impact factor = 0.8)
47. Zikria Saleem, **Hamid SAEED**, Mahrukh Yousaf, Usama Asif, Furqan Khurshid Hashmi, Muhammad Salman & Mohamed Azmi Hassali. **2019**. Evaluating SMOG awareness and preventive practices among Pakistani general population: A cross-sectional survey. *International Journal of Health Promotion and Education*.
48. Amna Saeed^{1,2,3,4,5}, ***Hamid SAEED**^{1*}, Zikria Saleem¹, Yu Fang^{2,3,4,5} Zaheer-Ud-Din Babar^{6,7}. **2019**. Medicine Prices, Availability and Affordability Essential Medicines in Lahore Division, Pakistan: A Cross-sectional Survey using WHO/HAI Methodology. DOI <https://doi.org/10.1371/journal.pone.0216122> *Plos ONE* (Impact factor = 2.9)
49. ¹Mariam Ashraf, ***Hamid SAEED**, ¹Zikria Saleem, ²Hassan Anwer Rathore, ³Fawad Rasool, ¹Eman Tahir, ¹Tooba Bhatti, ¹Javeria Khalid, ¹Iqra Bhatti, ¹Ayesha Tariq. **2019**. A Cross-sectional Assessment of Knowledge, Attitudes and Self-Perceived Effectiveness of CAM among Pharmacy and Non-Pharmacy University Students. DOI <https://doi.org/10.1186/s12906-019-2503-y> *BMC Complementary Medicine and Therapies*. (Impact factor = 3.7)
50. ¹Zikria Saleem, ***Hamid SAEED**,²Zohaib Abbas Khan, ³Muhammad Imran Hassan Khan, ⁴Furqan Khurshid Hashmi^{1,4}, ¹Muhammad Islam, ⁵Afzaal Bashir. **2019**. Association of Hypertension and Dyslipidaemia with Obesity in Diabetic Patients: A Study from Lahore. Accepted in *Brazilian Journal of Pharmaceutical Sciences* (Impact factor = 0.55).
51. Rabia Arshad, Muhammad Farhan Sohail, Hafiz Shoaib sarwar, **Hamid SAEED**, Imran Ali, Sohail Akhtar, Iqra Afzal, Sarwat Jahan, Gul Shahnaz. 2019. ZnO –NPs embedded biodegradable thiolated bandage for postoperative surgical site infection; *In-vitro* and *in-vivo* evaluation. *Plos ONE* (Impact factor = 2.9)
52. ¹Saba Zia Butt, ¹Mobasher Ahmad, *^{1,2}**Hamid SAEED**, ^{2,3,4}Zikria Saleem. **2019**. Post-surgical Antibiotic Prophylaxis: Impact of Pharmacist's Educational Intervention on Appropriate Use of Antibiotics. *Journal of Infection and Public Health*. (Impact factor = 3.7)
53. ¹Zaida JAVAID, ²Unaiza IMTIAZ, ²Imtiaz KHALID, *¹**Hamid SAEED**, ¹Rehana Qadir KHAN, ¹Muhammad ISLAM, ¹Zikria SALEEM, ³Farhan SOHAIL, ¹Zeeshan DANISH, ⁴Farah BATOOL. **2019**. A Randomized Control Trial of Primary Care-based Management of Type 2 Diabetes by a Pharmacist. *BMC Health Services Research*. (Impact factor = 2.7)
54. Muhammad F. Rasool, Sundus Khalid, Abdul Majeed, **Hamid SAEED**, Imran Imran, Mohamed Mohany, Salim S. Al-Rejaie, Faleh Alqahtani. 2019. Development and Evaluation of Physiologically Based Pharmacokinetic Drug–Disease Models for Predicting Rifampicin Exposure in Tuberculosis and Cirrhosis Populations. <https://doi.org/10.3390/pharmaceutics11110578>. *Pharmaceutics* (Impact factor = 6.3)
55. Zikria Saleem, **Hamid SAEED**, Mohamed Azmi Hassali, Brian Godman, Usama Asif, Mahrukh Yousaf, Zakiuddin Ahmed, Humayun Riaz, Syed Atif Raza. 2019. Pattern of inappropriate antibiotic use among hospitalized patients in Pakistan: A longitudinal surveillance and implications. *BMC Antimicrobial Resistance and Infection Control*. (Impact factor = 4.9)
56. Madeeha Fatima, Saleha Sadeeqa, Sumera Latif, Hafsa Afzal, Saeed ur Rashid Nazir and **Hamid SAEED**. 2019. Prevalence of Metformin Induced Gastrointestinal Problems. *Acta Poloniae Pharmaceutica – Drug Research* (Impact factor = 0.5)

Publication 2020, IF=31

57. Zikria Saleem, Mohamed Azmi Hassali, Brian Godman, Ann Versporten, Furqan Khurshid Hashmi, **Hamid SAEED**, Fahad Saleem, Muhammad Salman, Inayat Ur Rehman & Tahir Mehmood Khan. **2020**. Point Prevalence Surveys Of Antimicrobial Use: A Systematic Review And The Implications. <https://doi.org/10.1080/14787210.2020.1767593>. *Expert Review of Anti-infective Therapy* (Impact factor = 5.1)

58. Muhammad Fawad Rasool, Ramsha Khalid, Imran Imran, Abdul Majeed, **Hamid SAEED**, Fawaz Fayez Alasmari, Mohammed Mufadhe Alanazi and Faleh Alqahtani. 2020. Investigating the role of altered systemic albumin concentration on the disposition of theophylline in adult and pediatric asthma patients by using the physiologically based pharmacokinetic approach. DOI: <https://doi.org/10.1124/dmd.120.090969>. *Drug Metabolism and Disposition*. (*Impact factor = 3.92*)
59. Zunaira Akbar, **Hamid SAEED**, Zikria Saleem, Sidra Andleeb. 2020. Dosing Errors in TPN Prescriptions at a Specialized Cancer Care Hospital of Lahore: The Role of Clinical Pharmacist. <https://doi.org/10.1177/1078155220923014> *Journal of Oncology Pharmacy Practice* (*Impact factor = 1.9*)
60. Iltaf Hussain, Abdul Majeed, Imran Imran, Muhib Ullah, Furqan K. Hashmi, **Hamid SAEED**, Muhammad O. Chaudhry, Muhammad F. Rasool. 2020. Knowledge, Attitude, and Practices Toward COVID-19 in Primary Healthcare Providers: A Cross-Sectional Study from Three Tertiary Care Hospitals of Peshawar, Pakistan. *Journal of Community Health* (*Impact factor = 1.88*)
61. Muhammad Umair, Mobasher Ahmad, ***Hamid SAEED**, Zikria Saleem, Fatima Tauqeer. 2020. Clinical efficacy of various anti-hypertensive regimens in hypertensive women of Punjab; A longitudinal cohort study. *BMC Women's Health* (*Impact factor = 2.8*)
62. Amna Saeed^{1,2,3}, **Hamid SAEED**⁴, Zikria Saleem⁵, Caijun Yang^{1,2,3}, Minghuan Jiang^{1,2,3}, Mingyue Zhao^{1,2,3}, Wenjing Ji^{1,2,3}, Muhammad Majid Aziz^{1,2,3}, Faiz Ullah Khan^{1,2,3}, Ali Hassan Gillani^{1,2,3}, Naveel Atif^{1,2,3}, Yu Fang^{1,2,3}, and Zaheer Ud Din Babar⁶. Impact of National Drug Pricing Policy 2018 on Access to Medicines in Lahore Division, Pakistan: A Pre-Post Survey Study Using WHO/HAI Methodology. *BMJ Open*. (*Impact factor = (3)*)
63. ¹Aneeqa Saleem, ¹Muhammad Islam, ***Hamid SAEED**, ²Mehwish Iqtedar. 2020. *In-vivo* Evaluation of Anti-urolithiatic Activity of Different Extracts of Peel and Pulp of *Cucumis melo* L. in Mice Model of Kidney Stone Formation. *Pakistan Journal of Zoology*. (*Impact factor = 0.83*).
64. Sitaram Khadka, **Hamid SAEED**, Yogesh Bajgain, Janak Shahi, Tank Prasad Yadav, Ravi Prasad Gupta. 2020. Different modes of transmission and containment strategies of COVID-19. *Europasian Journal of Medical Sciences*
65. Kalim Ullah, Marvi Baloch, Ayaz Ali Khan, ***Hamid SAEED**, Muhammad Islam, 2020. Antibiotic prescribing trends in patients with upper respiratory tract infections reporting to tertiary care hospitals of Lahore. *Pakistan Journal of Pharmaceutical Sciences*. (*Impact factor = 0.6*)
66. Kalim Ullah, Marvi Baloch, Fahad Saleem, Mahtab Ahmad Khan, **Hamid SAEED**, Furqan K Hashmi and Ayaz Ali Khan. 2020. Patterns of physicians' knowledge, attitude and prescribing trends against upper respiratory tract infections in Lahore, Pakistan. *Pakistan Journal of Pharmaceutical Sciences*. (*Impact factor = 0.6*)
67. Usman Rashid Malik, Naveel Atif, Furqan Hashmi, Fahad Saleem, **Hamid SAEED**, Muhammad Islam, Minghuan Jiang, Mingyue Zhao, Caijun Yang, Yu Fang. 2020. Knowledge, attitude, and practices of healthcare professionals on COVID-19 and risk assessment to prevent the epidemic spread: A multicenter cross-sectional study from Punjab, Pakistan. *International Journal of Environmental Research and Public Health*. (*Impact factor = 4.6*)
68. Usman Iftikhar¹, Mobasher Ahmed¹, **Hamid SAEED**¹, Nouman Saleem¹, Afzaal Bashir², Fizza Mobasher² and Zikria Saleem^{1,3*}. 2020. Comparative safety and efficacy of conventional interferon vs. pegylated-interferon based therapy for HCV: a retrospective cohort study from Gujranwala, Pakistan. *Pakistan Journal of Pharmaceutical Sciences*. (*Impact factor = 0.6*)
69. Sitaram Khadka, **Hamid SAEED**, Janak Shahi, Yogesh Bajgain, Tank Prasad Yadav, Ravi Prasad Gupta. 2020. Utilizing Hospital Formulary System in Nepal. *Journal of Nepal Health Research Council*
70. Samia Shaukat, ***Hamid SAEED**. 2020. Maculopapular rash following tetanus toxoid injection. *Open Journal of Clinical and Medical Case Reports*
71. Iltaf Hussain, Abdul Majeed, **Hamid SAEED**, Furqan Khurshid Hashmi, Imran Imran, Muqarrab Akbar, Muhammad Omer Chudhary, Muhammad Fawad Rasool. 2020. A national study to assess pharmacists' preparedness against COVID-19 during its rapid rise period in Pakistan. <https://doi.org/10.1371/journal.pone.0241467>. *Plos ONE* (*Impact factor = 3.75*)
72. Iltaf Hussain, Muhammad F. Rasool, Imran Imran, **Hamid SAEED**, Furqan Hashmi, Muqarrab Akbar, Muhammad Asad Abrar, Basit Ramzan, Muhammad Omer Chaudhry, Muhammad Islam, Areeba Usman, Naveed Nasir, Abdul

Majeed. 2020. Assessment of undergraduate pharmacy student's attitude towards pharmaceutical care in Pakistan; Practice Implication. *Journal of Multidisciplinary Health Care (Impact factor = 2.9)*

73. Muhammad Subhan Arshad, Iltaf Hussain, Muhammad Nafees, Abdul Majeed, Imran Imran, **Hamid SAEED**, Furqan K. Hashmi, Muqarrab Akbar, Muhammad Asad Abrar, Basit Ramzan, Muhammad Omer Chaudhry, Muhammad Islam, Areeba Usman, Naveed Nasir, Muhammad Fawad Rasool. 2020. Assessing the impact of covid-19 on the mental health of health care workers in three metropolitan cities of Pakistan. *Phycology Research and Behavior Management (Impact factor = 3.9)*

Publications 2021, IF=55.5

74. Amna Saeed, Faria Saeed, **Hamid SAEED**, Zikria Saleem, Caijun Yang, Jie Chang, Minghuan Jiang, Mingyue Zhao, Muhammad Saqlain, Wenjing Ji, Muhammad Majid Aziz, Krizzia Lambojon, Ali Hassan Gillani, Khezhar Hayat, Sabiha Gul, Yu Fang and Zaheer-Ud-Din Babar. 2021. Access to Essential Cardiovascular Medicines in Pakistan: A National Survey on the Availability, Price and Affordability, using WHO/HAI Methodology. *Frontiers in Pharmacology. (Impact factor = 5.9)*
75. ¹Rehan Gul, ^{*1}**Hamid SAEED**, ^{1,2}Zikria Saleem, ³Fawad Rasool, ¹Furqan Kurshid Hashmi, ¹Muhammad Islam, ⁴Imran Imran. ¹Syed Atif Raza, ¹Zeeshan Danish. 2021. Perceptions and Barriers to Ethical Promotion of Pharmaceuticals in Pakistan; Perspectives of Medical Representatives and Doctors. *BMC Medical Ethics. (Impact factor = 2.83)*
76. Imran Imran, Sana Javaid, Aroosa Waheed, Muhammad F. Rasool, Abdul Majeed, Noreen Sarmad, **Hamid SAEED**, Faleh Alqahtani, Mohammed M. Ahmed, Faten Al. Alaqil. 2021. Grewia asiatica., berry juice diminished anxiety, depression and scopolamine induced learning and memory impairment in behavioral experimental animal models. *Frontiers in Nutrition (Impact factor = 6.6)*
77. Sadia Iftikhar¹, Mehwish Iqtedar^{1*}, **Hamid SAEED**², Mahwish Aftab¹, Roheena Abdullah¹, Afshan Kaleem¹, Farheen Aslam. 2021. Comparative and combinatorial study of Biogenic Bismuth nanoparticles with Silver Nanoparticles and Doxycycline against Multidrug Resistant *Staphylococcus aureus* BTCB02. *Revista Mexicana de Ingeniería Química. (Impact factor = 2.14)*
78. Samara Liaqat, Muhammad Islam, ***Hamid SAEED**, Mehwish Iqtedar, Azra Mehmood. 2021. Investigations of *Olea ferruginea* Royle bark extracts for potential in-vitro anti-diabetic and anti-cancer effects. *Turkish Journal of Chemistry. (Impact factor = 1)*
79. Zikria Saleem, **Hamid SAEED**, Zunaira Akbar, Amna Saeed, Saleha Khalid, Laiba Farrukh, Aleena Irfan, Azka Anam, Mohamed Azmi Hassali, Huma Rasheed. 2021. WHO key access antibiotics price, availability and affordability in private sector pharmacies in Pakistan. <https://doi.org/10.1186/s12962-021-00263-x>. *Cost-effectiveness and Resource Allocation. (Impact factor = 2.8)*.
80. Furqan Hashmi, Mohamed Azmi Hassali, Fahad Saleem, **Hamid SAEED**, Muhammad Islam, Usman Rashid Malik, Naveel Atif. 2021. Perspectives of community pharmacists in Pakistan about practice change and implementation of extended pharmacy services: a mixed method study. <https://doi.org/10.1007/s11096-020-01221-y>. *International Journal of Clinical Pharmacy. (Impact factor = 2.1)*.
81. Abdul Majeed, Iltaf Hussain, Muqarrab Akbar, Muhammad O Chaudhry, Imran Imran, **Hamid SAEED**, Furqan K Hashmi, Omama Siddique, Shehnoor Tahir, Sana Bilal, Fazila Ashraf, Mehvish Ayaz, Muhammad F Rasool. 2021. Assessment of medication prescription errors and their contributory factors in major cities of Punjab Province, Pakistan: A cross-sectional survey. *Tropical Journal of Pharmaceutical Research. (Impact factor = 0.5)*.
82. Abdul Majeed, Muhammad Rehman, Iltaf Hussain, Imran Imran, Muhammad Usman Saleem, **Hamid SAEED**, Furqan K Hashmi, Muqarrab Akbar, Muhammad Asad Abrar, Basit Ramzan, Muhammad Omer Chaudhry, Muhammad Islam, Naveed Nisar, Muhammad Fawad Rasool. 2021. The Impact of Treatment Adherence on Quality of Life Among Type 2 Diabetes Mellitus Patients—Findings from a Cross-Sectional Study. <https://doi.org/10.2147/PPA.S295012>. *Patient Preference and Adherence. (Impact factor = 2.3)*.
83. Abdul Majeed. Iltaf Hussain, Imran Imran, Muhammad Usman Saleem, **Hamid SAEED**, Muhammad Asad Abrar, Muhammad Islam, Furqan Hashmi, Muqarrab Akbar, Basit Ramzan, Muhammad Omer Chaudhry, Waseem Ashraf, Muhammad Fawad Rasool. Assessing Barriers Faced by Surgeons While Providing Surgical Care During the COVID-19 Pandemic in Pakistan: An Online Cross-Sectional Study <https://doi.org/10.2147/JMDH.S300008>. *Journal of Multidisciplinary Health Care (Impact factor = 2.9)*.

84. Muhammad F. Rasool, ShaziaAli, Sundus Khalid, Ramsha Khalid, Abdul Majeed, Imran Imran, **Hamid SAEED**, Muhammad Usman, Mohsin Ali, Amer S. Alali, Abdullah F. AlAsmari, Nemat Ali, Ali Mohammed Asiri, Fawaz Alasmari & Faleh Alqahtani. 2021. Development and evaluation of physiologically based pharmacokinetic drug-disease models for predicting captopril pharmacokinetics in chronic diseases. *Nature Scientific Reports* (Impact factor = 4.99).
85. ¹Muzna Suhail, ^{*1}**Hamid SAEED**, ²Zikria Saleem, ¹Saman Younas, ¹Furqan Khurshid Hashmi, ³Fawad Rasool, ¹Muhammad Islam, ⁴Imran Imran. 2020. Association of health literacy and medication adherence with health-related quality of life (HRQoL) in patients with ischemic heart disease. *BMC Health and Quality of Life Outcomes* (Impact factor = 3.1).
86. Muhammad Subhan Arshad ,1 Muhammad Saqlain,2 Abdul Majeed,1 Imran Imran,3 **Hamid SAEED** ,4 Muhammad Usman Saleem,5 Muhammad Asad Abrar,1 Muhammad Islam,4 Furqan Hashmi,4 Muqarrab Akbar,6 Muhammad Omer Chaudhry,7 Basit Ramzan,8 Muhammad Fawad Rasool. 2021. Cross-sectional study to assess the healthcare professionals' knowledge, attitude and practices about probiotics use in Pakistan. *BMJ Open*. (Impact factor = 3)
87. Ali Akhtar, Samreen Fatima, **Hamid SAEED**, Chwo Ting Ting Soo, Amer Hayat Khan. 2021. HIV-HCV Co-Infection: Prevalence and treatment outcomes in Malaysia. *Intervirolgy*. (Impact factor = 2.3).
88. Muhammad Fawad Rasool, Saira Akhtar, Iltaf Hussain, Abdul Majeed, Imran Imran, **Hamid SAEED**, Muqarrab Akbar, Muhammad Omer Chaudhry, Anees ur Rehman, Waseem Ashraf, Faleh Alqahtani, Hussain Alqhtani. 2021. A cross-sectional study to assess the Frequency and risk factors associated with cesarean section in Southern Punjab, Pakistan. *International Journal of Environmental Research and Public Health*. (Impact factor = 4.6)
89. Ali Ahmed Muhammad Saqlain, Malik M. Umair, Furqan K. Hashmi, **Hamid SAEED**, Muhammad Amer, Ali O. Blebil and Juman A. Dujaili. 2021. Stigma, social support, illicit drug use, and other predictors of anxiety and depression among HIV/AIDS patients in Pakistan: a cross-sectional study. *Frontiers in Public Health*. (Impact factor = 6.5)
90. ¹Shumaila Miraj, ^{*1}**Hamid SAEED**, ¹Sumaira Jabeen, ²Fawad Rasool, ¹Muhammad Islam, ¹Zeeshan Danish, Furqan Kurshid Hashmi, ³Imran Imran, Abdul Majeed, ¹Sadia Yasmeen. 2021. Association of Tumor Size with Patient Reporting Delays and Disease Markers in Patients with Advanced Breast cancer. *Women & Health* (Impact factor = 1.74)
91. Sundus Khalid, Muhammad Fawad Rasool, Imran Imran, Abdul Majeed, **Hamid SAEED**, Anees ur Rehman, Waseem Ashraf, Tanveer Ahmad, Yousef A. Bin Jordan, Faleh Alqahtani. 2021. A Physiologically Based Pharmacokinetic Model for Predicting Diazepam Pharmacokinetics after Intravenous, Oral, Intranasal, and Rectal Applications. *Pharmaceutics* (Impact factor = 6.5)
92. Muhammad Fawad Rasool, Rimsha Sarwar, Muhammad Subhan Arshad, Imran Imran, **Hamid SAEED**, Abdul Majeed, Muqarrab Akbar, Muhammad Omer Chaudhary, Anees ur Rehman, Waseem Ashraf, Tanveer Ahmed, Waleed Badoghaish, Faleh Alqahtani. 2021. Assessing the Frequency and Risk Factors Associated with Gastroesophageal Reflux Disease (GERD) in Southern Punjab, Pakistan. *Risk Management and Healthcare Policy* (Impact factor = 2.85)

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93. Iltaf Hussain, Abdul Majeed, Imran Masood, Waseem Ashraf, Imran Imran, **HAMID SAEED**, Anees Ur Rehman, Furqan K. Hashmi, Fahad Saleem, Muqarrab Akbar, Muhammad Omer Chaudhry, Jamshid Ullah, Muhammad Fawad Rasool. 2022. A national survey to assess breast cancer awareness among the female university students of Pakistan. *Plos ONE* (Impact factor = 3.24)
94. Amna Saeed, Krizzia Lambojon, **Hamid SAEED**, Zikria Saleem, Naveed Anwer, Majid Aziz, Wenjing Ji, Wenchen Liu, Chen Chen, Caijun Yang, Yu Fang and Zaheer-Ud-Din Babar. 2022. Access to insulin products in Pakistan: A national scale cross-sectional survey on prices, availability and affordability. *Frontiers in Pharmacology*. (Impact factor = 5.9)
95. Surriya Naheed, Khalid Hussain, Naureen Shehzadi, **Hamid SAEED**, Sajida Parveen, Ejaz Ali, Ayisha Shaukat, Farhat Saghir, Sadaf Iftikhar and Muhammad Tanveer Khan. 2022. Microscopic, phytochemical and antibacterial studies of *Zizyphus oxyphylla* Edgew. Leaves. *Pakistan Journal of Pharmaceutical Sciences*. (Impact factor = 0.6)

96. Narjis Batool, Zikria Saleem, **Hamid SAEED**, Sadia Yasmeen, Rabia Anwar, Faheem Ahmad, Fatima Tauqeer, Muhammad Bilal Hassan Mahboob. 2022. Factors affecting health-related quality of life (HRQoL) in Pakistani children with thalassemia. *Family Medicine and Primary Care Review*.
97. Mehral Aslam, Mehwish Iqtedar, **Hamid SAEED**, Roheena Abdullah, Afshan Kaleem. 2022. Formulation and characterization of Ciprofloxacin encapsulated liposomes: In vitro antimicrobial activity against multi drug resistant Salmonella typhi. *Revista Mexicana de Ingeniería Química. (Impact factor = 2.14)*
98. Ammara Zamir, Iltaf Hussain, Anees ur Rehman, Waseem Ashraf, Imran Imran, **Hamid SAEED**, Abdul Majeed, Faleh Alqahtani, Muhammad Fawad Rasool. 2022. Clinical Pharmacokinetics of Metoprolol. A systematic review. *Clinical Pharmacokinetics (Impact factor=6.4)*
99. Iram Shahzadi, Muhammad Islam, **Hamid SAEED**, Ali Haider, Anum Shahzadi, Jnaind Haider, Nadeem Ahmed, Anwar Ul-Hamid, Walid Nabgan, Muhammad Ikram. 2022. Formation of biocompatible MgO/cellulose grafter hydrogel for efficient bactericidal and controlled release of doxorubicin. *International Journal of Biological Macromolecules. (Impact factor = 8.02)*
100. Samia Kalsoom, Ammara Azmir, Anee ur Rehman, Waseem Ashraf, Imran Imran, **Hamid SAEED**, Abdul Majeed, Faleh Alqahtani, Muhammad Fawad Rasool. 2022. Clinical Pharmacokinetic of Nadolol; a systematic review. *Journal of Clinical Pharmacy and Therapeutics. (Impact factor = 2.14)*
101. Rohma Abid, Muhammad Islam, **Hamid SAEED**, Abrar Ahmed, Fariha Imtiaz, Anam Yasmeen, Hassaan A Rathore. Antihypertensive potential of Brassica rapa leaves: an in vitro and in silico approach. 2022. *Frontiers in Pharmacology. (Impact factor = 5.9)*
102. Asma Shazad Qamar, Ammara Zamir, Sundas Khalid, Waseem Ashraf, Imran Imran, Altaf Hussain, Anees ur Rehman, **Hamid SAEED**, Abdul Majeed, Faleh Alqahtani, Muhammad Fawad Rasool. 2022. A review on Clinical Pharmacokinetic of Hydralazine. *Expert Opinion on Drug Metabolism and Toxicology. (Impact factor = 4.9)* .
103. Khadeeja Sultan, Ammara Zamir, Waseem Ashraf, Imran Imran, **Hamid SAEED**, Anees ur Rehman, Abdul Majid, Muhammad Fawad Rasool. 2022. Clinical Pharmacokinetics of Terbutaline in Humans: a systemic review. *Nauyn-Schmiedeberg's Archives of Pharmacology. (Impact factor = 3.2)*
104. Muhammad Subhan Arshad, Imran Masood, Imran Imran, **Hamid SAEED**, Imran Ahmad, Iqra Ishaq, Hafsa Yaseen, Muqarrab Akbar, Muhammad Omer Chaudhry, Muhammad Fawad Rasool. 2022. COVID-19 Vaccine Booster Hesitancy (VBH) among Health care Professionals of Pakistan, a Nation-Wide Survey. *Vaccines (Impact factor = 5)*
105. Hafsa Hafsa, Ammara Zamir, Muhammad Fawad Rasool, Imran Imran, **Hamid SAEED**, Tanveer Ahmad, Sary Alsanea, Ali A. Alshamrani, Abdullah H. Alruwaili and Faleh Alqahtani. 2022. Development and Evaluation of a Physiologically Based Pharmacokinetic Model of Labetalol in Healthy and Diseased Populations. *Pharmaceutics (Impact factor = 6.5)*
106. Fariha Imtiaz, Muhammad Islam, **Hamid SAEED**, Abrar Ahmed, Furqan Khurshid Hashmi, Kashif Maqbool Khan, Umair Ikram Dar, Kalim Ullah, Sibghat Mansoor Rana, Bushra Saleem, Anam Yasmeen, Aneeba Ahmed, Hafiza Arbab Husain, Atika Afzal, Kashmala Shahid. 2022. Prediction of α -Glucosidase Inhibitory Activity of LC-ESI-TQ-MS/MS-Identified Compounds from *Tradescantia pallida* Leaves. *Pharmaceutics (Impact factor = 6.5)*
107. Kalim Ullah, Marvi Baloch, Fahad Saleem, Ayaz Ali Khan, **Hamid SAEED**, Muhammad Islam. 2020. Antibiotic susceptibility patterns of bacterial isolates of patients with upper respiratory tract infections. *Brazilian Journal of Pharmaceutical Sciences. (Impact factor = 1.3)*
108. Zikria Saleem*, Abdul Haseeb, Brian Godman*, Narjis Batool, Ummara Altaf, Umar Ahsan, Faiz Ullah Khan, Zia ul Mustafa, Muhammad Umer Nadeem, Muhammad Junaid Farrukh, Muhammad Mugheera, Inaam Ur Rehman, Asma Fareed Khan, **Hamid SAEED**, Mohammad Akbar Hossain, Mohamed Raafat, Rozan Mohammad Radwan and Muhammad Shahid Iqbal. Point Prevalence Survey of Antimicrobial Use during the COVID-19 Pandemic among Different Hospitals in Pakistan: Findings and Implications. 2022. *Antibiotics (Impact factor = 5.2)*

Publications 2023, IF=37.82

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109. Fariha Imtiaz, Muhammad Islam, **Hamid SAEED**, Abrar Ahmed. 2023. Phenolic compounds from Tradescantia pallida ameliorate diabetes by inhibiting enzymatic and non-enzymatic pathways. *Journal of Biomolecular Structure and Dynamics (Impact factor = 5.2)*
 110. **Hamid SAEED**^{1,*}, Khubaib Ali^{2,3}, Muhammad Nabeel^{2,3}, Muhammad Fawad Rasool⁴, Muhammad Islam¹, Furqan Khurshid Hashmi¹, Amna Saeed⁵ and Zikria Saleem⁴. 2023. Knowledge, Attitudes, Perceptions, and

Acceptance of COVID-19 Vaccination among Pharmacy and Non-Pharmacy Students. 2023. *Vaccines (Impact factor = 5)*

111. Zeeshan Danish¹, Rao M. Altaf Hussain², Hira Ijaz^{3*}, Sameet Mughal³, **Hamid SAEED**, Iram Aslam¹, Junaid Qureshi⁴, Ghulam Razaque⁵, M.Imran⁶, Amjad Khan⁷ and Mohamed M Abdel-Daim^{8,9}. 2023. Formulation, optimization and in vitro evaluation of sustained release oral hydrogels of diacerein to treat arthritis. *Pakistan Journal of Pharmaceutical Sciences. (Impact factor = 0.6)*
112. Sundus Khalid, Muhammad Fawad Rasool, Imran Masood, Imran Imran, **Hamid SAEED**, Tanveer Ahmad, Nawaf Shalih Alqahtani, Fahad Ali Alshammari & Faleh Alqahtani. 2023. Application of a physiologically based pharmacokinetic model in predicting captopril disposition in children with chronic kidney disease. *Nature Scientific Reports (Impact factor = 5)*
113. Fairha Imtiaz, Muhammad Islam, **Hamid SAEED**, Abrar Ahmed, Hassaan Anwer Rathore. 2023. Assessment of the antidiabetic potential of extract and novel phytoniosomes formulation of *Tradescantia pallida* leaves in the alloxan-induced diabetic mouse model. *The FASEB Journal (Impact factor = 5.8)*
114. Fariha Imtiaz, Muhammad Islam, **Hamid SAEED**, Abrar Ahmed, Maryam Asghar, Bushra Saleem, Muhammad Asim Farooq, Daulat Haleem Khan, Leena Peltonen. 2023. Novel phytoniosomes formulation of *Tradescantia pallida* leaves attenuates diabetes more effectively than pure extract. *Journal of Drug Delivery Science and Technology. (Impact factor = 5.1)*
115. Iram Shahzadi, Muhammad Islam, **Hamid SAEED**, Anum Shahzadi, Junaid Haider, Ali Haider, Muhammad Imran, Hassaan Anwer Rathore, Anwar Ul-Hamid, Walid Nabgan, Muhammad Ikram. 2023. Facile synthesis of copolymerized cellulose grafted hydrogel doped calcium oxide nanocomposites with improved antioxidant activity for anti-arthritis and controlled release of doxorubicin for anti-cancer evaluation. *International Journal of Biological Macromolecules. (Impact factor = 8.02)*
116. Muhammad Islam, Abrar Ahmed, **Hamid SAEED**, Fariha Imtiaz, Muhammad Zohaib Rafay. 2023. Phytochemical profiling and anti-inflammatory potential of *Ficus natalensis* subsp. *leprieurii* (Miq.) CC Berg--an in vitro, in vivo and in silico study. *Pakistan Journal of Pharmaceutical Sciences. (Impact factor = 0.6)*
117. **Hamid SAEED***, Amna Fakhar Qureshi¹, Muhammad Fawad Rasool², Muhammad Islam¹, Furqan Khurshid Hashmi¹, Amna Saeed³, Rimsha Asad¹, Arfa Arshad¹ and Azba Abid Quresh. 2023. Determinants of anxiety and depression among university teachers during third wave of COVID-19. *BMC Psychiatry (Impact factor = 4.1)*
118. Maria Ajmal, Ammara Zamir, Anees ur Rehman, Imran Imran, **Hamid SAEED**, Abdul Majeed, Majid Aziz, Faleha Alqahtani, Muhammad Fawad Rassol, 2023. Clinical Pharmacokinetic of Cefixime; a systematic review. *Xenobiotica (Impact factor = 2)*.
119. Saira Fayyaz, Muhammad Islam*, Abrar Ahmed*, **Hamid SAEED** and Ayesha Naseem. 2023. Phytochemical, anti-hyperlipidemic and in silico studies of extracts of *Ficus carica* seeds. *Pakistan Journal of Pharmaceutical Sciences. (Impact factor = 0.6)*
- 120.

**indicates contribution as first and corresponding author*

Submitted/Accepted Articles

15. **Hamid SAEED**, ²Mehwish Iqtedar, ³Fawad Rasool, ⁴Imran Imran, ¹Muhammad Islam, ¹Furqan Khurshid Hashmi, ¹Shumaila Miraj, ¹Rabia Hayee. 2021. Targeting breast cancer stem cells (BCSCs); an update on therapeutic approaches and emerging therapies. *Journal of Biomedical Science*
16. **Hamid SAEED**, ¹Faria Qayyum, ¹Aarti Davi, ¹Oswa Amjad, ²Fawad Rasool, ¹Muhammad Islam, ¹Mehak Ilyas, ¹Nafeesa Jabeen, ³Zikria Saleem. 2020. A cross-sectional assessment of cardiovascular disease risk in type 2 diabetes (T2DM) patients. *American Journal of Medical Sciences. (Impact factor = 1.9)*.

Meeting Abstracts

1. **Hamid Saeed** (2020), **Keynote Speaker**. Empowering the Pharmacist; From management to leadership, *1st Virtual International Conference on Innovation in Pharmacy, Organized by Giving back to Pharmacy in Pakistan (GBTTPP), September 18-19, 2020*.
2. **Hamid Saeed** (2020), **Invited Speaker**. Targeting breast cancer stem-like cells to identify biomarkers of chemo-resistance and sensitivity, *CancerBio Conference, February 13-14, 2020, Cancer Research Center, University of the Punjab, Lahore, Pakistan*.
3. **Hamid Saeed** (2019), **invited speaker**. Clinical Efficacy of Various Anti-hypertensive Regimens in Hypertensive Women of Punjab. *3rd International Conference on Recent Advancement in Pharmaceutical Research and Drug Delivery, February 19 – 20, 2019, Quaid-e-Azam University of Islamabad, Pakistan*
4. **Hamid Saeed** (2018). Post-surgical Antibiotic Prophylaxis: Impact of Pharmacist’s Educational Intervention on Appropriate Use of Antibiotics. *International Conference on Chemical and Pharmaceutical Sciences, Recent Approaches in Research and Applications, January 17 – 19, 2018, Forman Christian College Lahore, Pakistan*
5. **Hamid Saeed** (2017). Pakistan’s Pharmacy Education and Practices – Juxtaposing US and UK models. *International Conference on Pharmacy Practice, January 12 – 14, 2017, Islamia University of Bahawalpur*.
6. **Hamid Saeed** (2016). Role of Mesenchymal Stem cells in Cardiovascular therapeutics. *19th International Pharmacy Conference & Exhibition. 21 – 24 April, 2016, Pearl Continental Lahore, Pakistan*.
7. **Hamid Saeed** (2015). Mesenchymal Stem Cells as Cardiovascular Therapeutics – From bench to bedside. *29th Scientific Meeting of Malaysian Society of Pharmacology and Physiology, 24-25 August 2015, Kuala Lumpur, Malaysia*.
8. **Hamid Saeed**, Weimin Qiu, Chen L, Flyverberj A, Basem M. Abdallah, Moustapha Kassem (2014). Telomerase promotes osteoblast differentiation by promoting IGF signaling pathway. *41st Annual Congress of European Calcified Tissue Society, 17-20 May, 2014, Prague, Czech Republic*.
9. **Hamid Saeed**, Partha Sinha, Piia Aarnisalo, Min Chen, Lee S. Weinstein, Henry M. Kronenberg, Joy Y. Wu (2013). Ablation of Gsa Early in Osteoprogenitors Favors Adipogenic Differentiation of Mesenchymal Stem Cell Precursors. *18th International Pharmacy Conference and Exhibition, 26-29 September, 2013, Lahore, Pakistan*.
10. **Hamid Saeed**¹, ²Partha Sinha, ³Piia Aarnisalo, ⁴Min Chen, ⁴Lee S. Weinstein, ²Henry M. Kronenberg, ¹Joy Y. Wu. “Loss of Gsa Early in Osteoprogenitors Favors Adipogenic Differentiation of Mesenchymal Progenitors”. *Bio-X Interdisciplinary Initiatives Symposium, Feb 25, 2013, Stanford University*.
11. **Hamid Saeed**¹, Basem M. Abdallah¹, Nicholas Ditzel¹, P. Catalá-Lehnen², Weimin Qiu¹, Micheal Amling², Moustapha Kassem^{1,3}. “Telomerase-deficiency leads to bone loss due to defects in skeletal stem cell and increased osteoclastogenesis by inflammatory microenvironment”. *37th European symposium on Calcified Tissues 26-30 June 2010, Glasgow, UK*.
12. **Hamid Saeed**, Basem Abdallah, Moustapha Kassem (2009). Telomerase deficiency leads to decreased bone mass and impaired mesenchymal stem cell (MSC) and osteo-progenitors function in TERC-/- mice. *Bone stem cell workshop abstracts*.

13. **Hamid Saeed**, Basem Abdallah, Moustapha Kassem (2009). Age-related bone loss as a corollary of aging; studies on G3 – TERC^{-/-} mice. *7th Baltic Bone and Cartilage conference abstracts*.
14. **Hamid Saeed**, Basem Abdallah, Moustapha Kassem (2008). Telomerase deficiency leads to impaired stem cell differentiation into osteoblastic cells. *Danish stem cell doctoral school (DASDOC) abstracts*.
15. **Hamid Saeed**, Basem Abdallah, Moustapha Kassem (2008). Telomerase deficiency leads to decrease bone mass and impaired mesenchymal stem cell functions in telomerase deficient (TERC^{-/-}) mice. *Annual meeting of American society of Bone and mineral research abstracts*.
16. **Hamid Saeed**, Shaheen N. Khan, Sheikh Riazzudin (2006). Molecular analysis of Non-syndromic Hearing Loss. *13th International Pharmacy conference abstracts organized by Pakistan Pharmacist Association*.

Trainings & Courses Attended

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| 2014 | Administrative Management (University of the Punjab & Higher Education Commission, Lahore, PK) |
| 2012 | MED SoM-scientific presentations (Stanford University, California, US) |
| 2012 | Mentoring in Research (Stanford University, California, US) |
| 2012 | Laboratory Ergonomics (Stanford University, California, US) |
| 2012 | Compressed Gas Safety (Stanford University, California, US) |
| 2012 | Shipping Biological Goods on Dry ice (Stanford University, California, US) |
| 2012 | Laboratory Animal Care and Use (Stanford University, California, US) |
| 2012 | Bio-safety (Stanford University, California, US) |
| 2012 | Chemical Safety for Laboratories (Stanford University, California, US) |
| 2012 | General safety, Injury prevention and Emergency preparedness (Stanford University, California, US) |
| 2012 | Animal Handling and Care (Ottawa University, ON, Canada) |
| 2012 | Bio-safety (Ottawa General Hospital Research Institute, ON, Canada) |
| 2009 | Oral and Written Communication in Biomedicine (SDU, Odense, Denmark) |
| 2009 | Imaging and functional studies of Stem cells, (SDU, Odense, Denmark) |
| 2009 | Endocrinology and Diabetes, (Novo-Nordisk, Goteborg, Sweden) |
| 2008 | Endocrinology and Diabetes (Novo-Nordisk, Goteborg, Sweden) |
| 2008 | Biostatistics (SDU, Odense, Denmark) |
| 2008 | Research Methods in Health Sciences (SDU, Odense, Denmark) |
| 2008 | Developmental Biology; Focus on Vertebrate development (SDU, Sonderborg, Denmark) |
| 2008 | Animal Experimental knowledge (SDU, Odense, Denmark) |
| 2008 | Danish Stem cell Doctoral school (DASDOC) (Sonderborg, Denmark) |
| 2007 | Endocrinology and Diabetes (Novo-Nordisk, Goteborg, Sweden) |
| 2007 | Flow cytometry and cell sorting (SDU, Odense, Denmark) |

Participation in meetings

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| 2020 | Empowering the Pharmacist; From management to leadership, <i>1st Virtual International Conference on Innovation in Pharmacy, Organized by Giving back to Pharmacy in Pakistan (GBTPP), September 18-19, 2020</i> . (Oral, Keynote speech) |
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- 2020 Targeting breast cancer stem-like cells to identify biomarkers of chemo-resistance and sensitivity, *CancerBio Conference, February 13-14, 2020, Cancer Research Center, University of the Punjab, Lahore, Pakistan.* (Oral, Invited talk)
- 2019 Clinical Efficacy of Various Anti-hypertensive Regimens in Hypertensive Women of Punjab. 3rd *International Conference on Recent Advancement in Pharmaceutical Research and Drug Delivery, February 19 – 20, 2019, Quaid-e-Azam University of Islamabad, Pakistan* (Oral)
- 2018 Post-surgical Antibiotic Prophylaxis: Impact of Pharmacist’s Educational Intervention on Appropriate Use of Antibiotics. *International Conference on Chemical and Pharmaceutical Sciences, Recent Approaches in Research and Applications, January 17 – 19, 2018, Forman Christian College Lahore, Pakistan* (Oral)
- 2017 Pharmacy Lecture Series 21 March, 2017, at Lahore Pharmacy College, LMDC, Lahore, Pakistan (Oral)
- 2010 Danish Stem cell research doctoral school annual conference, Odense, Denmark (Oral)
- 2010 37th European symposium on Calcified Tissues 26-30 June 2010, Glasgow, UK. (Oral)
- 2009 Nordic network in Endocrinology and diabetes, Gothenburg, Sweden (Oral)
- 2009 Bone stem cell workshop, 7 – 10 October, Bologna, Italy (Oral)
- 2009 7th Baltic bone and cartilage conference, 23 – 26 August, Nyborg, Denmark (Oral)
- 2009 6th International Stem cell school in regenerative medicine, SDU, Odense, Denmark.
- 2009 Treatment with stem cells; National and international perspective, 9th February, Odense, Denmark
- 2009 KMEB seminar, Odense, Denmark (Oral)
- 2008 KMEB seminar, Odense, Denmark (Oral)
- 2008 Danish stem cell research doctoral school annual conference, Sandbjerg, Denmark (Oral)
- 2008 Nordic network in Endocrinology and diabetes, Gothenburg, Sweden
- 2008 30th Annual meeting of American Society of Bone and Mineral Research, Quebec, Montreal, Canada (Oral)
- 2007 Nordic network in Endocrinology and diabetes, Gothenburg, Sweden (Oral)
- 2007 Symposium on Telomeres, Telomerase and genomic stability, Lund, Sweden
- 2007 34th European symposium on calcified tissues, Copenhagen, Denmark
- 2006 13th International Pharmacy Conference and Exhibition, Lahore, Pakistan (Oral)
- 2004 Workshop on genetic Engineering techniques, Hazara University, N.W.F.P., Pakistan
- 2003 11th International Pharmacy Conference and exhibition, Lahore, Pakistan
- 2002 National symposium on good storage and manufacturing practices in Pharmaceutical industries organized by WHO & Ministry of health, Islamabad, Pakistan
- 2001 2nd DIA and 10th PPA international conference, Lahore, Pakistan
- 1998 Khawarzimic science society, *A science Odyssey – Pakistan’s Nuclear emergence*, Lahore, Pakistan

Previous Administrative activities

- 2012 Lab Manager, Joy Wu`s Lab, Medical Endocrinology, School of Medicine, Stanford University
- 2006 Organizer: 13th International Pharmacy Conference and Exhibition, Lahore, Pakistan
- 2003 Organizer: 11th International Pharmacy Conference and Exhibition, Lahore, Pakistan
- 2003 Pharmacy manager, Lahore, Pakistan
- 2001 Organizer: 2nd DIA and 10th PPA international conference, Lahore, Pakistan

Languages

English, Danish, Urdu, Punjabi