

# **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.  
Tel. +92 304 8801243  
Email: [dkstemham@yahoo.com](mailto:dkstemham@yahoo.com) , [hamid.pharmacy@pu.edu.pk](mailto:hamid.pharmacy@pu.edu.pk)

## **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) = 20.9 years**

<b>Post-PhD Experience</b>				
<b>Sr. No</b>	<b>Organization/Institution</b>	<b>Position</b>	<b>Duration</b>	<b>Experience (Years/Months/Days)</b>
1	Department of Pharmaceutics, College of Pharmacy, University of the Punjab	<b>Professor of Pharmaceutics</b>	<i>09/12/2019 - to date</i>	01/05/17
2	College of Pharmacy, University of the Punjab	Assistant Professor of Pharmaceutics	01/08/2013 – 08/12/2019	06/05/11

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
<b>Total Post-PhD experience</b>				<b>9/11/28</b>
<b>Pre-PhD Experience</b>				
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
<b>Total Pre-PhD Experience</b>				<b>10/09/18</b>

## Administrative, Academic and Public Services

- 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

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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

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- 2020 **Keynote Speaker**, *1<sup>st</sup> virtual International Conference on Innovation in Pharmacy*, organized by Giving Back to Pharmacy in Pakistan (GBTTPP), 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**, *20<sup>th</sup> International Pharmacy Conference and Exhibition*, October 03-06, 2019, Pear Continental, Lahore, Pakistan
- 2019 **Invited symposium speaker**, *3<sup>rd</sup> 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 19<sup>th</sup> International Pharmacy Conference and Exhibition, 21 – 24 April, 2016, Pearl Continental Hotel, Lahore, Pakistan
- 2015 **Invited Symposium Speaker** at 29<sup>th</sup> Scientific Meeting of Malaysian Society of Pharmacology and Physiology, 24 – 25 August 2015, Kuala Lumpur, Malaysia.
- 2014 **Allied Health Professional Award** – awarded at 41<sup>st</sup> 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 37<sup>th</sup> 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

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- 2017 **4.12 million PKR under NRPU 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 29<sup>th</sup> 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 41<sup>st</sup> 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, 7<sup>th</sup> – 10<sup>th</sup> October 2009. (Principal Investigator)
- 2007 3 years PhD studentship (**1 million DKK**) from The Novo Nordisk Fonden, Denmark (completed)

## Membership of Scientific Societies

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- 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

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### 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 a Reviewer of the Journals and Funding Agencies**

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### 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: 4**

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	2019	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>
3	2020	Sadia Iftikhar (ongoing)	<i>Targeted delivery of Nanosomes incorporated with microbial synthesized bismuth nano-particles as therapy against H. Pylori infection</i>
4	2020	Rabia Butt (ongoing)	<i>Isolation, screening and characterization of bacteria possessing thrombolytic activity</i>

## **MPhil/MS Students Supervised/Co-supervised**

**Total: 66**

<b>Direct or 1<sup>st</sup> supervision</b>			
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>
4	2017	Zunaira Akbar (Completed)	<i>Role of pharmacist in identifying discrepancies in TPN prescriptions</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>Satisfaction, Adherence and Quality of Life of Patients on Dialysis</i>
7	2017	Sundas Siddique (Completed)	<i>Patient Reported Outcomes Measure of Pharmaceutical Therapy for Quality of Life</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 &amp; 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	Afhsan Asif (Ongoing)	<i>Reasons of Delayed Clinical Presentation and its Impact on Breast Cancer Patients Survival; A Study from Lahore</i>
16	2018	Amna Saeed (Completed)	<i>Evaluation of Medicine Prices, Availability and Affordability in Lahore Division, Punjab, Pakistan Using WHO/HAI Methodology</i>
17	2018	Anza Ahmad (Completed)	<i>Assessment of Self-reported Knowledge, Practices and Anxiety Among General Population</i>
18	2019	Ali Uzair (Completed)	<i>Role of Pharmacist Educational Services in the Management of Gestational Diabetes Mellitus; A Study from Lahore</i>
19	2019	Khubaib Sajjad (Completed)	<i>Effectiveness of Influenza Vaccination Program for Workers of a Tertiary Care Hospital; Impact on Worker's Absenteeism</i>
20	2019	Nida Razaq (Completed)	<i>Pharmacological Assessment of Prescriptions in Hypertensive Patients at Medicine Retail Outlets of Lahore, Pakistan</i>

21	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>
22	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>
23	2021	Rabia Hayee (completed)	<i>Synthesis, characterization and antibacterial activity of polymer-based levofloxacin nanoparticles</i>
24	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>
25	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>
26	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>
27	2021	Mehak Mukhtar (completed)	<i>Clinico-pharmacological Management of PCOS and its Impact on HRQoL in Women reporting to primary care facilities</i>
28	2021	Reeyum Naeem (completed)	<i>Clinico-pharmacological management of Acute Gastroenteritis in children reporting to THQ Hospital</i>
29	2021	Zainab Babar (completed)	<i>Impact of Sofosbuvir/daclatasvir on viral load and overall survival in compensated and decompensated HCV patients</i>
30	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>
31	2021	Asra Javaid (Ongoing)	<i>Synthesis, characterization and cytotoxic potential of CuO nanoparticles against liver carcinoma cells</i>
32	2021	Areej Amin (Ongoing)	<i>Synthesis, characterization and anti-cancer potential of PLGA-metformin nanoparticles against HepG2 cancer cells</i>
33	2021	Fatima Iqbal (Ongoing)	
34	2021	Roha Ali (Ongoing)	<i>Clinico-pharmacological assessment of various Chemotherapeutic Regimens in Patients with Burkitt's Lymphoma</i>

**Co or 2<sup>nd</sup> supervision**

<b>Sr #</b>	<b>Year</b>	<b>Student's Name</b>	<b>Thesis Title</b>
35	2015	Saima Sattar (completed)	<i>To Evaluate the Efficacy and Tolerability of Chemo-protocols in Ovarian Cancer Population in Lahore, Pakistan</i>
36	2015	Sumaira Jabeen (completed)	<i>Efficacy and Tolerability of Chemotherapeutic Drugs Used in Breast Cancer</i>
37	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>



38	2015	Usman Iftikhar Tarrar (completed)	<i>Therapeutic Safety and Efficacy of Interferon Therapy in Hepatitis C Patients</i>
39	2015	Ammara Hakeem (completed)	<i>Safety, Tolerability and Effectiveness of Schizophrenic Drugs</i>
40	2015	Mohsin Aziz (completed)	<i>Studies of Safety and Efficacy of different Anti-diabetic Treatments in Obese and Non-obese Diabetics</i>
41	2015	Fareeha Rafique (completed)	<i>Physiochemical and Biological Studies of Shilajit</i>
42	2015	Sara Yasin (completed)	<i>Analytical and Anti-diabetic Studies of Extracts of Flowers of <b>Bombax Ceiba</b> LINN</i>
43	2016	Saba Zia Butt (completed)	<i>Pharmacological Appraisal of Prophylactic Antibiotic use in Post-Surgery: A Pharmacist intervention Study</i>
44	+2016	Nazish Razzaq (completed)	<i>Impact of Antibiotic Therapy on Survival Rate, Affected by Gestational Age and Birth Weight in Neonatal Sepsis</i>
45	2016	Sajjad Ali (completed)	<i>Comparison of Insulin Regimens in Patients with Non-insulin Dependent Diabetes Mellitus</i>
46	2016	Muzammal Iftikhar (completed)	<i>Pharmacological Assessment of Antibiotic Usage in Public and Private Sector Hospitals of Lahore</i>
47	2016	Sana Iqbal (completed)	<i>Safety and Efficacy of Medications used in Patients with Decompensated Chronic Liver Disease</i>
48	2016	Fariha Imtiaz (completed)	<i>Analytical, Anti-cancer and Hair Growth Promotion Studies of Extracts of Leaves of <b>Trigonella foenum-graecum</b></i>
49	2016	Bushra Saleem (completed)	<i>Physiochemical Investigations, Anti-cancer and Anti-diabetic Activities of Extracts of <b>Acacia modesta</b> Leaves</i>
50	2016	Maryam Asghar (completed)	<i>Analytical Studies and Biological Activities of Root Extracts of <b>Onosma hispidum</b></i>
51	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 <b>Cucumis melo L.</b></i>
52	2017	Rabia Maqbool (completed)	<i>Analytical Studies and Hair Promotion Effects of Extracts of Leaves of <b>Trigonella conrniculata</b></i>
53	2018	Muhammad Jameel (completed)	<i>Pharmacognostic Evaluation and in-vitro DNA protection Assay of Plants of Family Euphorbiaceae</i>
54	2018	Muhammad Naeem (completed)	<i>Analytical studies and Biological Activities of Extracts of Leaves of <b>Punica granatum</b></i>
55	2018	Saira Ameen (completed)	<i>Analytical Studies and Anti-diabetic Activity of Extracts of Peel of <b>Trapa Bispinosa</b> Fruit</i>
56	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>
57	2019	Muhammad Irfan (completed)	<i>Development of a Tool to Educate the Pharmacy Proprietors for Rational Use of Controlled Drugs</i>

58	2019	Hafiz Waheed Ullah (completed)	<i>Pharmacognostic evaluation and in vitro DNA protection assay of plants of family Asteraceae</i>
59	2019	Misbah Rani (completed)	<i>Physiochemical, analytical studies and anti-diabetic activity of fruit of Grewia asiatica</i>
60	2019	Asma Ishaq (completed)	<i>Phytochemical, analytical and biological activities of extracts of bark of Olea ferrufinea royle</i>
61	2019	Iram Shahzadi (completed)	<i>Physiochemical, phytochemical, anti-arthritic and anti-cancer activities of extracts of seeds and peel of Citrullus</i>
62	2019	Faiza (completed)	<i>Phytochemical, analytical, anti-arthritic and anti-hypertensive activities of extracts of seeds of Eriobotrya japonica (Thunb) Lindl</i>
63	2019	Ayesha Irfan (completed)	<i>In-vitro cytotoxic analysis of bacterial extracellular extracts</i>
64	2020	Anam Yasmeen (completed)	<i>Phytochemical and analytical studies and biological activities of extracts of peels of Solanum tuberosum L.</i>
65	2020	Syeda Raeesa Shahid (completed)	<i>Proximate analysis, phytochemical studies and hepatoprotective effect of extracts of shells of Arachis hypogaea L.</i>
66	2020	Fareeha Hassan (completed)	<i>Phytochemical and analytical studies and hair promotion effects of extracts fruit of Beta vulgaris L.</i>
67	2020	Saba Qasim (completed)	<i>Gender wise assessment of medication adherence and its impact on blood pressure control among hypertension patients</i>
68	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

<b>First Author Publications</b>	<b>10</b>
<i>Impact factor</i>	10
<i>Non-impact factor</i>	-
<b>Corresponding Author Publications (excluding first author)</b>	<b>18</b>
<i>Impact factor</i>	18
<i>Non-impact factor</i>	02
<b>Co-authored Publications</b>	<b>57</b>
<i>Impact factor</i>	43
<i>Non-impact factor</i>	14
<b>Total Publications</b>	<b>10 + 18 + 57 = 85</b>
<i>Impact factor</i>	71
<i>Non-impact factor</i>	14
<b>Cumulative Impact Factor</b>	<b>~ 207</b>
<b>Total citations</b>	
<i>Google scholar</i>	<b>1085</b>
<i>(<a href="https://scholar.google.com/citations?hl=en&amp;user=q803FWAAAAAJ&amp;view_op=list_works&amp;sortby=pubdate">https://scholar.google.com/citations?hl=en&amp;user=q803FWAAAAAJ&amp;view_op=list_works&amp;sortby=pubdate</a>)</i>	

Research-gate	832
<b>h-index</b> (excluding self-citations)	
Google scholar	20
Research-gate	16

## Research Publications

Cumulative IF = ~207

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**)

**Impact factor 2008 = 4**

### 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](http://www.DOI:10.1007/978-1-60327-905-5_12).

### Publications 2010, IF=4.6

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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 = 3.4)
68. Usman Iftikhar<sup>1</sup>, Mobasher Ahmed<sup>1</sup>, **Hamid SAEED**<sup>1</sup>, Nouman Saleem<sup>1</sup>, Afzaal Bashir<sup>2</sup>, Fizza Mobasher<sup>2</sup> and Zikria Saleem<sup>1,3\*</sup>. 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 = 3.24)
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 = 2.4)*

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 = 2.94)*

### **Publications 2021, IF=43.8**

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 = 5.8)*
75. <sup>1</sup>Rehan Gul, \*<sup>1</sup>**Hamid SAEED**, <sup>1,2</sup>Zikria Saleem, <sup>3</sup>Fawad Rasool, <sup>1</sup>Furqan Kurshid Hashmi, <sup>1</sup>Muhammad Islam, <sup>4</sup>Imran Imran. <sup>1</sup>Syed Atif Raza, <sup>1</sup>Zeeshan Danish. 2021. Perceptions and Barriers to Ethical Promotion of Pharmaceuticals in Pakistan; Perspectives of Medical Representatives and Doctors. *BMC Medical Ethics. (Impact factor = 2.7)*
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 Iftikhar<sup>1</sup>, Mehwish Iqtedar<sup>1\*</sup>, **Hamid SAEED**<sup>2</sup>, Mahwish Aftab<sup>1</sup>, Roheena Abdullah<sup>1</sup>, Afshan Kaleem<sup>1</sup>, 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 = 2.53)*.
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 = 2.7)*.
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 = 2.4)*.

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 = 4.4*).
85. <sup>1</sup>Muzna Suhail, <sup>\*1</sup>**Hamid SAEED**, <sup>2</sup>Zikria Saleem, <sup>1</sup>Saman Younas, <sup>1</sup>Furqan Khurshid Hashmi, <sup>3</sup>Fawad Rasool, <sup>1</sup>Muhammad Islam, <sup>4</sup>Imran 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 = 3.2*).
86. Muhammad Subhan Arshad ,<sup>1</sup> Muhammad Saqlain,<sup>2</sup> Abdul Majeed,<sup>1</sup> Imran Imran,<sup>3</sup> **Hamid SAEED** ,<sup>4</sup> Muhammad Usman Saleem,<sup>5</sup> Muhammad Asad Abrar,<sup>1</sup> Muhammad Islam,<sup>4</sup> Furqan Hashmi,<sup>4</sup> Muqarrab Akbar,<sup>6</sup> Muhammad Omer Chaudhry,<sup>7</sup> Basit Ramzan,<sup>8</sup> 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 = 2.7*)
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 = 1.76*).
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 = 3.4*)

*\*indicates contribution as first and corresponding author*

#### Submitted/Accepted Articles

89. Kalim Ullah, Marvi Baloch, Fahad Saleem, Ayaz Ali Khan, <sup>\*</sup>**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 = 0.6*)
90. <sup>1</sup>**Hamid SAEED**, <sup>2</sup>Mehwish Iqtedar, <sup>3</sup>Fawad Rasool, <sup>4</sup>Imran Imran, <sup>1</sup>Muhammad Islam, <sup>1</sup>Furqan Khurshid Hashmi, <sup>1</sup>Shumaila Miraj, <sup>1</sup>Rabia Hayee.2021. Targeting breast cancer stem cells (BCSCs); an update on therapeutic approaches and emerging therapies. *Journal of Biomedical Science*
91. <sup>1</sup>Shumaila Miraj, <sup>1</sup>Sumaira Jabeen, <sup>\*1</sup>**Hamid SAEED**, <sup>2</sup>Fawad Rasool, <sup>1</sup>Muhammad Islam, <sup>1</sup>Zeeshan Danish, Furqan Kurshid Hashmi, <sup>3</sup>Imran Imran, <sup>1</sup>Syed Atif Raza, <sup>1</sup>Sadia Yasmeen. 2020. Association of Tumor Size with Patient Reporting Delays and Disease Markers in Patients with Advanced Breast cancer. *Journal of Breast Cancer* (*Impact factor = 2.2*)
92. <sup>\*</sup>**Hamid SAEED**, <sup>1</sup>Faria Qayyum, <sup>1</sup>Aarti Davi, <sup>1</sup>Oswa Amjad, <sup>2</sup>Fawad Rasool, <sup>1</sup>Muhammad Islam, <sup>1</sup>Mehak Ilyas, <sup>1</sup>Nafeesa Jabeen , <sup>3</sup>Zikria 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**

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1. **Hamid Saeed** (2020), *Keynote Speaker*. Empowering the Pharmacist; From management to leadership, *1<sup>st</sup> Virtual International Conference on Innovation in Pharmacy, Organized by Giving back to Pharmacy in Pakistan (GBTPP), 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. *3<sup>rd</sup> 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. *19<sup>th</sup> 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. *29<sup>th</sup> 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. *41<sup>st</sup> 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. *18<sup>th</sup> International Pharmacy Conference and Exhibition, 26-29 September, 2013, Lahore, Pakistan.*
10. **Hamid Saeed**<sup>1</sup>, <sup>2</sup>Partha Sinha, <sup>3</sup>Piia Aarnisalo, <sup>4</sup>Min Chen, <sup>4</sup>Lee S. Weinstein, <sup>2</sup>Henry M. Kronenberg, <sup>1</sup>Joy 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**<sup>1</sup>, Basem M. Abdallah<sup>1</sup>, Nicholas Ditzel<sup>1</sup>, P. Catalá-Lehnen<sup>2</sup>, Weimin Qiu<sup>1</sup>, Micheal Amling<sup>2</sup>, Moustapha Kassem<sup>1,3</sup>. "Telomerase-deficiency leads to bone loss due to defects in skeletal stem cell and increased osteoclastogenesis by inflammatory microenvironment". *37<sup>th</sup> 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. *7<sup>th</sup> 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. 13<sup>th</sup> 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>1<sup>st</sup> Virtual International Conference on Innovation in Pharmacy, Organized by Giving back to Pharmacy in Pakistan (GBTPP), September 18-19, 2020.</i> (Oral, Keynote speech)
2020	Targeting breast cancer stem-like cells to identify biomarkers of chemo-resistance and sensitivity, <i>CancerBio Conference, February 13-14, 2020, Cancer Research Center, University of the Punjab, Lahore, Pakistan.</i> (Oral, Invited talk)
2019	Clinical Efficacy of Various Anti-hypertensive Regimens in Hypertensive Women of Punjab. <i>3<sup>rd</sup> International Conference on Recent Advancement in Pharmaceutical Research and Drug Delivery, February 19 – 20, 2019, Quaid-e-Azam University of Islamabad, Pakistan</i> (Oral)
2018	Post-surgical Antibiotic Prophylaxis: Impact of Pharmacist's Educational Intervention on Appropriate Use of Antibiotics. <i>International Conference on Chemical and Pharmaceutical Sciences, Recent Approaches in Research and Applications, January 17 – 19, 2018, Forman Christian College Lahore, Pakistan</i> (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 37<sup>th</sup> 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 7<sup>th</sup> Baltic bone and cartilage conference, 23 – 26 August, Nyborg, Denmark (Oral)
- 2009 6<sup>th</sup> International Stem cell school in regenerative medicine, SDU, Odense, Denmark.
- 2009 Treatment with stem cells; National and international perspective, 9<sup>th</sup> 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 30<sup>th</sup> 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 34<sup>th</sup> European symposium on calcified tissues, Copenhagen, Denmark
- 2006 13<sup>th</sup> International Pharmacy Conference and Exhibition, Lahore, Pakistan (Oral)
- 2004 Workshop on genetic Engineering techniques, Hazara University, N.W.F.P., Pakistan
- 2003 11<sup>th</sup> 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 2<sup>nd</sup> DIA and 10<sup>th</sup> PPA international conference, Lahore, Pakistan
- 1998 Khawarzimic science society, *A science Odyssey – Pakistan's Nuclear emergence*, Lahore, Pakistan

## **Previous Administrative activities**

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

## **Languages**

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English, Danish, Urdu, Punjabi