



Curriculum Vitae

Personal information

First name(s) / Surname(s) **Dr. Syed Muhammad Muneeb ANJUM**
Address(es) House # 7, Street # 12, Ali Muhammad park, Tajpura Scheme, Lahore, Pakistan
Telephone(s) +92 4237184744 Mobile: +92 300 4159124
E-mail muneeb@uvas.edu.pk, muneebanjum@hotmail.com
Nationality Pakistani
Date of birth 18.11.1979
Gender Male

Occupational field Pharmacy

Work experience

Dates 18 October 2008 to date
Occupation or position held **Lecturer**
Main activities and responsibilities Teaching, Administration and Research
Name and address of employer **Institute of Pharmaceutical Sciences, University of Veterinary and Animal Sciences, Lahore, Pakistan**
Type of business or sector Government/Public sector University
Dates 01st March 2006 to 31st August 2008
Occupation or position held **Manager Admin (Pharmacist)**
Main activities and responsibilities

- Planning for new locations, Staff hiring, and purchase regulation through informing suppliers in advance and making sure the availability of stocks.
- Recruitment of workforce for the all departments of the company
- Handling the problems of company including administrative issues.
- Finalization of performance appraisal of the employees.
- Purchase, Record keeping, Inventory Management, recruitment, Patient counselling

Name and address of employer Fazal Din's Pharma Plus, Head office, The Mall road Lahore.
Type of business or sector Community Pharmacy (Private sector)
Dates 08 February 2002 to 28 February 2006
Occupation or position held **Pharmacy Manager**
Main activities and responsibilities Purchase, Record keeping, Inventory Management, recruitment, Patient counselling, planning and development
Name and address of employer Fazal Din's Pharma Plus, Chowk Choburji Branch, Lahore
Type of business or sector Community Pharmacy (Private Sector)

Education and training

Dates October 2014 – October 2018
Title of qualification awarded **Doctor of Philosophy (PhD) in Pharmacology (GPA = 1.0/1.0) "magna cum laude "with very good grades"**
Principal subjects Pharmacology (Neuroscience, Epilepsy)
Name and type of organisation providing education and training Department of Pharmacology, Toxicology and Pharmacy, University of Veterinary medicine, Hannover, Germany (Public Sector University)
Education and training
Dates October 2007 to April 2011
Title of qualification awarded **Master of Philosophy (M. Phil) in Pharmacology & Toxicology (GPA = 3.34)**
Principal subjects Pharmacology
Name and type of organisation providing education and training Department of Pharmacology & Toxicology, University of Veterinary and Animal Sciences, Lahore, Pakistan (Public Sector University)

Dates September 2002 to October 2003
Title of qualification awarded **M.S in Total Quality Management (M.S TQM)** **(GPA = 3.38)**
Principal subjects Organization Behaviour, Quality Management, Project Management, Human Resource Management
Name and type of organisation providing education and training The University of Punjab, Lahore, Pakistan. (Public Sector University)

Dates November 1997 to September 2001
Title of qualification awarded **Bachelor of Pharmacy (B.Pharmacy)** **(61.30%) 1st Division**
Principal subjects Pharmaceutics, Pharmaceutical Chemistry, Pharmacology, Pharmacognosy
Name and type of organisation providing education and training The Islamia University Bahawalpur, Pakistan. (Public Sector University)

Personal skills and competences

- Expert in recording biological signals from small lab animals e.g. EEG and ECG. In vivo and in silico animal modeling
- Proficient user of PowerLab™ and LabChart™ for research and analysis
- Good skills in handling lab animals like Mice, Rats, and Rabbits. EU certified lab animal researcher.
- Teaching and Training Undergraduate students how to handle lab animals during study of their Pharm.D Pharmacology curriculum
- Part of the team carrying out clinical trials for Bioequivalence and Pharmacokinetic studies.
- Teaching and research in Pharmacology, Physiology, Toxicology, Angiogenesis and pharmacy practice
- Six years' experience as a retail/Community pharmacist

Mother tongue(s) **Punjabi, Urdu**

Other language(s) **English**

Self-assessment

European level

English

Urdu

Punjabi

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	B2	Independent user	B2	Independent user	C1	Proficient user
C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user

Other language(s) **German**

Self-assessment

European level

English

Urdu

Punjabi

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
A2	Basic user	A2	Basic user	A2	Basic user	A2	Basic user	A2	Basic user
A2	Basic user	A2	Basic user	A2	Basic user	A2	Basic user	A2	Basic user
A2	Basic user	A2	Basic user	A2	Basic user	A2	Basic user	A2	Basic user

Social skills and competences

Organisational skills and competences

Technical skills and competences

Computer skills and competences

Good listener with excellent temperament and remarkable interpersonal traits.

Leadership, team management and good flare in communication and presentation.

- Handling, Operating and calibration of instruments such as Powerlab®, Spectrophotometer, pH meter, Centrifuge, Micropipette etc.
- Always graded Excellent by the students in teachers' evaluation at the end of each semester.
- Independent user of Statistical soft wares like SPSS, GraphPad Prism
- Proficient user of Microsoft office, word, excel etc.
- Entry level programming skills in Visual Basic

<p>Artistic skills and competences</p>	<ul style="list-style-type: none"> • Excellent command on Current office tools like MS word, Excel, PowerPoint as well as professional software's for the, inventory management and Drug Information. • Part of the team who designed the currently operating system in One of the Leading retail Chains in Lahore, Pakistan. • Analyst of the University Management System (UMS) being operated at UVAS • Editor of articles (English Section) in annual PharMag of The Islamia University of Bahawalpur (2000) • Founder and President of Pharmacy Education Society (PES) at The Islamia University of Bahawalpur. (2000) • Tutor and incharge of University Tutorial Group V2.
<p>Administrative Responsibilities</p>	<p>IPS, UVAS</p> <ul style="list-style-type: none"> • Establishment of Institute of Pharmaceutical Sciences at UVAS and part of the pioneer team of the new Institute. • Teaching of undergraduate and post graduate pharmacy students to align the undergraduate theory and practical training with the international trends in practice, research and teaching of pharmacy subjects. • Participated in 1st clinical Trial for Bioequivalence study of Metformin & pioglitazone at Bioequivalence Study (BeSt) Center, QOL-WTO, UVAS, Lahore (Nov-Dec 2008) • Participated in 2nd clinical Trial for Bioequivalence study of Diclofenac Potassium at Bioequivalence Study (BeSt) Center, QOL-WTO, UVAS, Lahore (Oct-Nov2010) • Serving as the member, Board of Studies of The Faculty of Biosciences, UVAS, • Serving as the member, IPS Board of Studies, UVAS, • Incharge of the student's affairs (Boys, internal) of IPS, UVAS (2008-2014). • Member of the committees on Planning of research and academic activities of the IPS, UVAS • Member of admission committee for post-graduate class at IPS/U.V.A.S for Session 2008-2009, 2010-2011, and 2011-2012. • Served as Member of IPS construction committee at UVAS and established state of the art laboratories for undergraduate and postgraduate students. • Served as Member of prospectus committee for under-graduate classes at UVAS for Session 2009-2010. • Incharge of IPS, Webpage management and IT matters
<p>Publications</p>	<ul style="list-style-type: none"> • Anjum, S. M. M., C. Käufer, R. Hopfengärtner, I. Walzl, S. Bröer and W. Löscher (2018). "Automated quantification of EEG spikes and spike clusters as a new read out in Theiler's virus mouse model of encephalitis-induced epilepsy." <i>Epilepsy & Behavior</i> 88: 189-204. (IF 2.6) • Walzl, I., C. Käufer, S. Bröer, C. Chhatbar, L. Ghita, I. Gerhauser, M. Anjum, U. Kalinke and W. Löscher (2018). "Macrophage depletion by liposome-encapsulated clodronate suppresses seizures but not hippocampal damage after acute viral encephalitis." <i>Neurobiol Dis</i> 110: 192-205. (IF 5.28) • Bröer, S., E. Hage, C. Käufer, I. Gerhauser, M. Anjum, L. Li, W. Baumgärtner, T. F. Schulz and W. Löscher (2017). "Viral mouse models of multiple sclerosis and epilepsy: Marked differences in neuropathogenesis following infection with two naturally occurring variants of Theiler's virus BeAn strain." <i>Neurobiology of Disease</i> 99: 121-132. (IF 5.28) • Bröer, S., C. Käufer, V. Haist, L. Li, I. Gerhauser, M. Anjum, M. Bankstahl, W. Baumgartner and W. Löscher (2016). "Brain inflammation, neurodegeneration and seizure development following picornavirus infection markedly differ among virus and mouse strains and substrains." <i>Exp Neurol</i> 279: 57-74. (IF 4.48) • Tanveer, M., A. Javeed, M. Ashraf, M. Rehman and S. Anjum (2015). "Evaluation of anti-inflammatory and analgesic potential of aqueous Methanolic extract of Thuja Orientalis in Albino rats." <i>JAPS, Journal of Animal and Plant Sciences</i> 25(4): 1183-1186. (IF 0.407) • Sulaiman, F., S. Khiljee, N. Ur Rehman, S. Ishaque, M. Irfan Masood, M. Anjum and S. Muhammad (2014). "Formulation of Microemulsion containing Nigella Sativa Honey and Propolis and Evaluation of its Burn Healing Potential." <i>International Journal of Pharmaceutical Sciences Review & Research</i> 27(1): 1-9. (IF 0.65) • Saleem, H., S. M. M. Anjum, A. B. Awan, J. Ahmed, M. A. Raza, S. Hanif, K. Bashir and I. S. Mohammad (2013). "A Short History of Evolution of Indigenous Plants and Medicine System." • Ejaz, S., M. Adil, M. H. Oh, S. M. M. Anjum, M. Ashraf and C. W. Lim (2009). "Detrimental effects of cigarette smoke constituents on physiological development of extraocular and intraocular structures." <i>Food and Chemical Toxicology</i> 47(8): 1972-1979. (IF 3.98)
<p>Book Chapter(s)</p>	<ul style="list-style-type: none"> • Epilepsy: Management of Neurological Disorder and the Pharmacist's Role, Huma Rasheed, Hafiz Awais Nawaz, Syed Muhammad Muneeb Anjum, and Muhammad Usman, <i>Encyclopedia of Pharmacy Practice and Clinical Pharmacy</i>, Elsevier, 2019

Poster Presentations

- Poster presentation in 3rd N-RENNT symposium (15th February, 2016) entitled “**Inter-ictal spikes and seizures in EEG signals: Possible read-outs of epileptogenesis in animal model of epilepsy**”. Muneeb Anjum, Sonja Bröer, Christopher Käufer and Wolfgang Löscher, held at Department of Pathology, University of Veterinary Medicine Hannover, Germany.
- Poster presentation in 3rd N-RENNT symposium (15th February, 2016) entitled “**Encephalitis induced epilepsies: Studies with Theiler’s murine encephalomyelitis virus (TMEV)**”. Christopher Käufer, Sonja Bröer, Muneeb Anjum, and Wolfgang Löscher, held at Department of Pathology, University of Veterinary Medicine Hannover, Germany.
- Poster presentation in 3rd N-RENNT symposium (15th February, 2016) entitled “**Functional and genomic differences in the neurovirulence of two substrains of Theiler’s murine encephalomyelitis virus (TMEV)**”. Bröer S, Hage E, Käufer C, Muneeb Anjum, Li L, Baumgärtner, Schulz TF and Wolfgang Löscher, held at Department of Pathology, University of Veterinary Medicine Hannover, Germany.
- Poster presentation 9th Graduate School days, (25th – 26th November, 2016) entitled “**Interictal spikes and seizures in EEG signals: Possible read-outs of epileptogenesis in a viral infection-induced animal model of epilepsy**”. Muneeb Anjum, Sonja Bröer, Christopher Käufer and Wolfgang Löscher, held at Department of Pathology, University of Veterinary Medicine Hannover, Germany.
- Poster presentation 4th N-RENNT symposium (12-13th February, 2018) entitled “**Inter-ictal spikes in EEG: In-Silico quantification & characterization in a viral infection-induced animal model of epilepsy**” Muneeb Anjum, Sonja Bröer, Christopher Käufer and Wolfgang Löscher, held at Department of Pathology, University of Veterinary Medicine Hannover, Germany.

Oral Presentations, Research Work and Dissertations

- Anjum, Syed Muhammad Muneeb; (19th October, 2018) “In-silico analysis, characterization, and quantification of EEG alterations in a mouse model of temporal lobe epilepsy” PhD Thesis defense, Institute of Pharmacology, Toxicology and Pharmacy, University of Veterinary Medicine Hannover, Germany.
- Anjum, Syed Muhammad Muneeb; (11th October, 2017) “EEG analysis in different animal models of temporal lobe epilepsy in mice” Pharmacology colloquium, Institute of Pharmacology, Toxicology and Pharmacy, University of Veterinary Medicine Hannover, Germany.
- Anjum, Syed Muhammad Muneeb; (7th March, 2017) “In silico analysis, characterization and quantification of EEG alterations in different models of temporal lobe epilepsy in mice”. “3rd personal briefing” presented in supervisor’s meeting at Institute of Pharmacology, Toxicology and Pharmacy, University of Veterinary Medicine Hannover, Germany.
- Anjum, Syed Muhammad Muneeb; (25th May, 2016) “Inter-ictal spikes and seizures in EEG recordings: Possible read-outs of epileptogenesis after viral encephalitis” N-RENNT PI meeting held at Department of Pathology, University of Veterinary Medicine Hannover, Germany.
- Anjum, Syed Muhammad Muneeb; (25th April, 2016) “EEG analysis in different animal models of temporal lobe epilepsy in mice” Pharmacology colloquium, Institute of Pharmacology, Toxicology and Pharmacy, University of Veterinary Medicine Hannover, Germany.
- Anjum, Syed Muhammad Muneeb; (18th February, 2016) “Effect of pharmacological intervention on the role of leukocytes for epileptogenesis in different animal models of epilepsy”. “2nd Personal briefing” presented in supervisor’s meeting at Institut of Pharmacology, Toxicology and Pharmacy, University of Veterinary Medicine Hannover, Germany.
- Anjum, Syed Muhammad Muneeb; (16th February, 2016) “Inter-ictal spikes and seizures in EEG signals: Possible read-outs of epileptogenesis in animal models of epilepsy”. Presented in 3rd N-RENNT symposium held at Department of Pathology, University of Veterinary Medicine Hannover, Germany.
- Anjum, Syed Muhammad Muneeb; (2nd February, 2016) “Inter – and intracellular signalling pathways – An emphasis on G-Protein coupled receptors”. Presented in ZSN summer school at Department of Pathology, University of Veterinary Medicine Hannover, Germany.
- Anjum, Syed Muhammad Muneeb; (28th November, 2015) “Inter-ictal spikes and seizures in EEG: A possible marker and read out of epileptogenesis in animal models of epilepsy” presented in 8th annual Graduate School Days of the HGNI in Bad Salzdetfurth (27th – 28th November) University of Veterinary Medicine Hannover, Germany.
- Anjum, Syed Muhammad Muneeb; (28th October, 2015) “Virus-induced development of epilepsy: Studies in a mouse model” Pharmacology colloquium, Institute of Pharmacology, Toxicology and Pharmacy, University of Veterinary Medicine Hannover, Germany.

Specialized Trainings & Certifications

- Anjum, Syed Muhammad Muneeb (20th June 2015) "Sense, emotions and Motor functions – From neurological examinations to Patch clamp, ERPs, EEG, EP, NLG and EMG performance," at Department of Neurological Clinic & Clinical Neurophysiology, MHH. Hannover Germany.
- Anjum, Syed Muhammad Muneeb, (12th June 2015) "RNA isolation, Laser microdissection, Tissue Cell culture, Conventional PCR, & qPCR (Quantitative- / Real Time-PCR) – Learning the invisible" at Department of Pathology, University of veterinary medicine, Hannover, Germany.
- Anjum, Syed Muhammad Muneeb; (28th April, 2015) "Effect of pharmacological intervention on the role of leukocytes for epileptogenesis in different animal models of epilepsy". "1st Personal briefing" presented in supervisor's meeting at Institut für Pharmakologie, Toxikologie und, Pharmazie Stiftung Tierärztliche Hochschule, Hannover, Germany.
- Anjum, Syed Muhammad Muneeb; (31st October, 2014) "Culturing sensory neurons and glial cells from the peripheral nervous system" in Final seminar on Cellular Biology laboratory training class at Clinical Neuroimmunology and Neurochemistry, Department of Neurology, Medizinische Hochschule Hannover, Germany
- Seminar on Patent and intellectual Proprietary Rights and Role of IPO Pakistan at U.V.A.S. (2011)
- Effects of Cigarette smoke Condensate and Total Particulate matter in chicken during early Embryogenesis with special emphasis on Angiogenesis and toxicity (Dissertation M.Phil. 2011).
- *Effects of Cigarette smoke Condensate and Total Particulate matter in chicken during early Embryogenesis*, at University of Veterinary and Animal Sciences, Lahore (2009) (M.Phil, research project)
- Effects of Cigarette smoke Condensate and Total Particulate matter from commercial cigarettes on wound healing (2009)
- Designing of ISO 9001-2000 Quality Management System of Retail organization Fazal Dins Pharma Plus. 2004 (Dissertation M.S 2004)
- **16th – 20th November 2015 The senses, emotions, motor functions**
Associate Prof. Marion Bankstahl, Kerstin Römmerman, Institute of Pharmacology, Toxicology and Pharmacy, University of veterinary medicine, Hannover, Germany.
Prof. Dr. Bruno Kopp, Prof. Dr. med. Susanne Petri, Clinic for Neurologie, Hannover Medical School, Germany.
Prof. Dr. med. Detlef E. Dietrich, AMEOS clinic, Hildesheim, Germany
Neurological Examination, MRI, MUNIX, EEG, Patch Clamp Event related potentials (ERP), EP, NLG and EMG,
- **04th – 20th August 2015**
Planning & managing of laboratory animal experiments B category (former FELASA C)
Prof. Dr. J. Hackbarth, Institut for animal welfare and Behaviour, University of Veterinary Medicine Hannover, Germany.
- **08th June – 12th June 2015 Molecular Techniques**
Prof. Dr. rer. nat. Peter Claus, Institute of Neuroanatomy, Hannover Medical School, Germany, "**The molecular pathology of the neurodegenerative disease "Spinal Muscular Atrophy"**"
Prof. Dr. med. Helge Frieling, Klinik für Psychiatrie, Sozialpsychiatrie und Psychotherapie, Hannover Medical School, Germany. "**Molecular basis of Psychological disorders, DNA alterations and repair**".
Prof. Dr. Andreas Beineke, Institute of Pathology, University of Veterinary Medicine, Hannover, Germany. "**Molecular basis of infections with the canine distemper virus and degenerative spinal disease**"
- **29th May 2015 Toxicological Pathology mouse**
The seminar provided an overview to the background pathology of some strains of transgenic mice used for carcinogenesis bioassays (TG.AC, RasH2, p53 mice). There was an introduction to the most common pathological findings in transgenic mice (TG.AC, RasH2,p 53 mice). Following the introduction, there was an interactive microscope session with a demonstration of a variety of histopathological slides at a discussion microscope.
- **20th – 24th April 2015**
Laboratory Animal Techniques according to "EU Richtlinie A+D" (former FELASA B)
Prof. Dr. J. Hackbarth, Institut for animal welfare and Behaviour, University of Veterinary Medicine Hannover, Germany.
- Completed a Two week training on "Scientific and Ethical Procedures for Laboratory Animals – Course for Research Scientists" conducted by UVAS in collaboration with University of Cambridge, UK.

- Graduate School Days**
- **9th Graduate School Day: (25th-26th November 2016)** Participation & Poster presentation of summary of project entitled "Inter-ictal spikes and seizures in EEG: A possible marker and read out of epileptogenesis in animal models of epilepsy."
 - **8th Graduate School Day: (27th-28th November 2015)** Participation & oral presentation of summary of project entitled "Inter-ictal spikes and seizures in EEG: A possible marker and read out of epileptogenesis in animal models of epilepsy."
 - **7th Graduate School Day: (28th-29th November 2014)** Participation
- Trainings conducted**
- **02nd January 2019:** Sterile Compounding and Aseptic Techniques "A special focus on Handling of Hazardous Medication" Institute of Pharmaceutical Sciences, **UVAS, City campus Lahore.**
 - **20th April 2016 (Hands-on Training on Animal handling & Macrophage Isolation from Mice,** Seminar topic: Training and education on Laboratory Animals welfare & handling - A hands on workshop. **UVAS City Campus Lahore**
 - **19th December 2018:** International Workshop on animal handling and modeling for advanced research"- Hands on training on rodent handling, drug administration and disease modeling. **Department of Physiology, UVAS City Campus Lahore.**
- Neuroscience Seminars**
- **21st January 2016**
Erythropoietin improves cognition in man and mouse: From treatment and genetics to mechanisms
Prof. Dr. Hannelore Ehrenreich, Clinical Neuroscience, Max Planck Inst. of Exp. Medicine, Göttingen, organized by HGNI at International Neuroscience Institute@ Rudolf - Pichlmayr- str. 4, 30625 Hannover, Germany.
 - **07th January 2016**
Functional brain imaging on animals and human: Does it impact translational studies on pharmacotherapy
PD Dr. Andreas Hess, AG Pharmakologische Bildgebung und Bildanalyse, Inst. f. Exp. Und Klein. Pharmakologie und Toxikologie, Universität Erlangen-Nürnberg,
 - **05th November 2015**
Challenges in early rehabilitation of neurological and neurosurgical patients Prof. Dr. Jens D. Rollnik, Inst. für neurorehabilitative Forschung (InFo) der BDH-Klinik Hessisch Oldendorf GmbH, Assoziiertes Institut der MHH, Germany.
 - **22nd October 2015**
Imaging the spread of encephalitogenic paramyxoviruses in the CNS
Dr. Martin Ludlow, N-RENNT Project Leader, Research Center for Emerging Infections and Zoonoses (RIZ), TiHo, Germany.
 - **25th June 2015**
Intelligent Robotic Systems Forming the Basis for Tomorrow's Neuroprosthetic Devices
Prof. Dr.-Ing. Sami Haddadin, Institute of Automatic Control, Leibniz Universität Hannover, Germany.
 - **11th June 2015**
Primate brains wired for numbers and math
Prof. Dr. Andreas Nieder, Institute of Neurobiology, Dept. of Biology, University Tübingen, Germany.
 - **16th April 2015**
Duration and delay tuning in the auditory system of bats: how does the mustached bat process time, Prof. Dr. Silvio Macías, Faculty of Biology, University of Havana, Cuba
 - **15th January 2015**
Multiple Sclerosis & immune System
Prof. Dr. Flügel, Institute for Multiple Sclerosis Research, Dept. of Neuroimmunology, University Medical Centre Göttingen, Georg-August University.
 - **20th November 2014**
CNS FLU: Pathology and pathogenesis of nervous disease from influenza virus infections in humans and animals
Prof. Dr. Thijs Kuiken, Department of Virology, Erasmus University, Rotterdam, Netherlands. Department of Pathology, University of Veterinary Medicine, Hannover, Germany.
 - **07th November 2014**
Modulating IL-6-Producing Macrophages Can Alter Acute Seizures during Viral Encephalitis Prof. Dr. Robert S. Fujinami Ph.D., Department of Pathology, University of Utah, Salt Lake City, USA organized by HGNI at Department of Pathology, University of Veterinary Medicine, Hannover, Germany.

- 25th VetPharm-Symposium 01-02, October, 2015, Hannover, Germany
- 3rd N-RENNT Symposium 15th February, 2016, Hannover, Germany
- 26th VetPharm-Symposium 06-07, October, 2016, Munich, Germany
- 27th VetPharm-Symposium 28-29, September, 2017, Germany
- 4th N-RENNT Symposium 12-13th, February, 2018, Hannover, Germany
- **N-RENNT spring school & workshop:** (13th – 17th February 2017)
Prof. Dr. rer. nat. v. Köckritz-Blickwede: *Infection Biochemistry: Hands on Immunofluorescence*
Prof. Dr. Lepenies: *Infection Immunology, Hands on Flow-cytometry*
Prof. Dr. Osterhaus: *Virus discovery, Next Generation Sequencing (NGS)*
Prof. Dr. Jung: *Bio-informatics for Virus Discovery*
- **Workshop Neuroscience:** (1st – 4th February 2016)
Obligatory lecture series for the students of PhD programme “Systems Neuroscience” by members of ZSN.
- **Workshop** (11th November 2015)
The use of Endnote in Bibliographic Database management, Dr. Sabine Leonhard-Marek, Hannover, Germany. TiHo-Tower, University of Veterinary Medicine Hannover, Germany
- **Workshop** (04th November 2015)
Effective searching – An update, Dr. Sabine Leonhard-Marek, Hannover, Germany. TiHo-Tower, University of Veterinary Medicine Hannover, Germany
- **Workshop** (23rd - 24th October 2015)
The scientific poster & presentation workshop I, Frances Sherwood-Brock, Germany. TiHo-Tower, University of Veterinary Medicine Hannover, Germany
- **Workshop** (16th – 17th January 2015)
English Grammar, Frances Sherwood-Brock TiHo-Tower, University of Veterinary Medicine Hannover, Germany.
- **Workshop** (8th – 9th December 2014)
English lecture and Presentation skills, Alexander von Reumont Kommunikations-trainer und Rhetorikexperte, Berlin, Germany. TiHo-Tower, University of Veterinary Medicine Hannover, Germany.
- **Workshop** (21st November 2014)
How to write and publish a scientific paper, Dr. Susane Aldinger, Gießen, Germany. Department of Pathology, University of Veterinary Medicine Hannover, Germany.
- **Workshop** (20th November 2014)
The use of Endnote in Bibliographic Database management, Dr. Sabine Leonhard-Marek, Hannover, Germany. TiHo-Tower, University of Veterinary Medicine Hannover, Germany
- **Workshop** (17th November 2014)
The scientific oral presentation & poster presentation, Dr. Peter Wohlsein, Germany. Department of Pathology, University of Veterinary Medicine Hannover, Germany.
- **German Language Course** (01st September 2014 – 26th September 2014)
Teilnahmebestätigung, Intensive 4 DAAD A2.2 (German Language Course). Goethe Institute, Göttingen, in collaboration with Deutscher Akademischer Austauschdienst (DAAD) Germany.
- **German Language Course** (04st August 2014 – 29th August 2014)
Teilnahmebestätigung, Intensive 4 DAAD A2.1 (German Language Course). Goethe Institute, Göttingen, in collaboration with Deutscher Akademischer Austauschdienst (DAAD) Germany.
- **German Language Course** (01st July 2014 – 25th July 2014)
Teilnahmebestätigung, Intensive 4 DAAD A1 (German Language Course). Goethe Institute, Göttingen, in collaboration with Deutscher Akademischer Austauschdienst (DAAD) Germany.
- **Workshop** (21st November 2014)
How to write and publish a scientific paper, Dr. Susane Aldinger, Gießen, Germany. Department of Pathology, University of Veterinary Medicine Hannover, Germany.
- **Seminar (22nd January 2014)**
One day Seminar on Pharmacists and Health Care Services in Hospitals:
Organized By IPS and Health Canada at University of Veterinary and Animal Sciences, Lahore, Pakistan
- **Online Course (PhD level)**
(20th – 05th September 2013)

- By Prof. Dr. Joachim W. Herzig, Professor of Physiology and Pathophysiology, Faculty of Medicine, University of Mainz, Germany through video conferencing room of L.E.J National Science Information Center, International Center for Chemical and Biological Sciences, University of Karachi in collaboration with Higher Education (HEC), Islamabad, Pakistan
- **Workshop & Video Conference** (26th – 28th August 2013)
International Workshop on Bioinformatics Tools in Structural Biology
Organized by Higher Education Commission Pakistan at Dr. Panjwani Center for Molecular Medicine and Drug Research (PCMD), ICCBS, and University of Karachi.
- **Conference** (25th & 26th April 2013)
Coordinator & Organizer
International Conference on Pharmaceutical Toxicology: Organized By Department of Pharmacology & Toxicology and Higher Education Commission (HEC) Islamabad, Pakistan in Collaboration with Department of Clinical Neurosciences, University of Cambridge (UK) at University Of Veterinary And Animal Sciences, Lahore, Pakistan.
- **17th April 2013**
One day Seminar on Pharmacists and Health Care Services in Hospitals: Organized By IPS and Health Canada at University Of Veterinary And Animal Sciences, Lahore, Pakistan
- **Conference** (26th & 27th January 2012)
Coordinator & Organizer
International Conference on Pharmaceutical Toxicology: Organized By Department of Pharmacology & Toxicology and Higher Education Commission (HEC) Islamabad, Pakistan in Collaboration with Department of Clinical Neurosciences, University of Cambridge (UK) at University Of Veterinary And Animal Sciences, Lahore, Pakistan.
- **Seminar & Workshop** (8th & 9th March 2011)
Coordinator & Organizer
Environmental Toxicology & Health: Organized By Department of Pharmacology & Toxicology and Higher Education Commission (HEC) Islamabad, Pakistan in Collaboration with Department of Clinical Neurosciences, University of Cambridge (UK) at University Of Veterinary And Animal Sciences, Lahore, Pakistan.
- **Training** (2nd February 2011 to 2nd March 2011)
Professional Competency Enhancement Program for Teachers: Organized by National Academy of Higher Education (HEC) in Collaboration with University of veterinary and Animal Sciences, Lahore, Pakistan.
- **Workshop** (26th & 27th August 2011)
Two days' workshop on data analysis using SPSS: Organized By CEPA and QEC of University of Veterinary and Animal Sciences.
- **Workshop** (27th & 28th September 2010)
Development of Sustainable and collaborative Researchers networks under Talented Research exchange Program- INSPIRE PAKISTAN. Organized by British Council and HEC in collaboration with University of veterinary and Animal Sciences, Lahore, Pakistan
- **Workshop** (22nd June 2009 to 2nd July 2009)
Scientific and Ethical Procedures for Laboratory animals-Course for Research Scientists: Organized by Department of Pharmacology and Toxicology UVAS in collaboration with University of Cambridge U.K
- **Workshop** (20th & 21st November 2008)
1st National Workshop on Bioequivalence Studies In Pakistan: Organized By University of Veterinary and Animal Sciences in Collaboration with World Health Organization and Ministry of Health Pakistan.

Professional Memberships

- Practice/Registration #: 2595-A/02
- Pharmacy Council of Pakistan
- Pakistan Pharmacists Association
- Punjab Pharmacy Council

Driving licence

- Licence No. IF-11-14245 (Motor car and Motor Cycle)

Additional information

- **Prof. Dr. Muhammad Ashraf** PhD (U.S.A) (M.Phil Supervisor)
Prof. Emeritus, Pharmacology, UVAS
University of Veterinary and Animal Sciences, Lahore, Pakistan
Contact # +92 3334423453.
e-mail: drashraf2001@uvas.edu.pk
- **Prof. Dr. Habib-ur-Rehman** PhD (Austria)
Dean: Faculty of Bio-sciences
University of Veterinary and Animal Sciences, Lahore, Pakistan
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