

Curriculum Vitae

Dr. Syed Hamid Habib

MBBS, PhD, PGD, DHPE,
CHR, CRSM, CME, Post-Doc



Professor Physiology

Contact Address:

Institute of Basic Medical Sciences
Khyber Medical University Phase V, Hayatabad Peshawar KPK,
Pakistan

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Nationality: Pakistani.

Date of Birth: 27th February 1984.

Marital Status: Married.

Languages: Proficiency in English, Urdu and Pashto.

Academic Qualifications:

2007: MBBS, Khyber Medical College, University of Peshawar, Pakistan.

2011: PGD (Post-Graduate Diploma in Health Professional Education & Medicine)
University of Glasgow, United Kingdom.

2011: Home Office License United Kingdom.

2015: PhD (Doctor of Philosophy) University of Glasgow, United Kingdom.

2017: CHR (Certificate in Health Research) Khyber Medical University, Peshawar, Pakistan.

2020: CRSM (Certificate in Reproductive & Sexual Medicine) University of Health
Sciences, Lahore, Pakistan.

2021: CME (Certificate in Medical Editing) University of Health Sciences, Lahore, Pakistan.

2023: DHPE (Diploma in Health Professional Education) Institute of Health
Professional Education & Research, Khyber Medical University, Peshawar, Pakistan.

2023: Postdoctoral Fellowship in Surgical Neurophysiology, Global Innervation LLC,
Texas, USA.

**2026: The Fogarty-Aga Khan University Pakistan Initiative for Non-Communicable
Diseases (AKUPI NCD) Research Certificate Course**
September 2025-February 2026

Academic/Professional Experience:

Nov 2025-Present **Professor (Physiology)**
Institute of Basic Medical Sciences,
Khyber Medical University, Peshawar,
Pakistan.

- Feb 2021-Nov 2025 Associate Professor (Physiology)**
Institute of Basic Medical Sciences,
Khyber Medical University, Peshawar,
Pakistan.
- 2015-2021: Assistant Professor (Physiology),**
Institute of Basic Medical Sciences,
Khyber Medical University, Peshawar,
Pakistan.
- 2011-2015: PhD, University of Glasgow, United Kingdom.**
Thesis title “Investigating local circuit function following spinal cord
injury and cell transplant therapy.”
- 2010-2011: PG Diploma, University of Glasgow, United Kingdom.** Post
Graduate Diploma in Health Professional Education &
Medicine.
- 2010-2011: Graduate Teaching Assistant,** University of Glasgow, United
Kingdom (July 2010- June 2011).
- 2009-2010: Lecturer Anatomy Department,** (October 2009- March 2010)
Kabir Medical College, Gandhara University, Pakistan.
- 2009: Medical Officer,** International Rescue Committee, July-Sept 2009.
Peshawar, Pakistan.
Medical Officer, Ihsan Medical Complex, February-July 2009. Mardan,
Pakistan.
- 2008: House Job/Internship,** Government Lady Reading Hospital,
Peshawar, Pakistan.
- 2007: M.B.B.S.,** Khyber Medical College, Peshawar, Pakistan

Administrative Experience

- July 2024-Present: Director:**
KMU Institute of Health Sciences, Mardan, Khyber
Medical University, Pakistan.

Additional Experience:

- 2021-Till Date: Chief Editor:**
Advances in Basic Medical Sciences Journal, Khyber
Medical University, Pakistan.
Website: abms.kmu.edu.pk
- 2018-2021: Managing Editor:**
Advances in Basic Medical Sciences Journal.
- 2016-2017: MPhil Course Coordinator,** March 2016-June 2017.
Institute of Basic Medical Sciences, Khyber Medical University, Peshawar,
Pakistan.
- 2016- 2018: Visiting Faculty (Physiology),**
Institute of Physiotherapy & Rehabilitation, Khyber
Medical University,

Peshawar, Pakistan.

2020: **PhD Approved Supervisor** in Higher Education Commission.

Publications

2026

1. Khattak M, **Habib S.H.**, & Irfan M. Effect of a non-energy restricted ketogenic diet on cognition in sedentary healthy young adults. *Physiol Int*.
2. Mumtaz S, Baseer N, **Habib S.H.**, Saleem S, & Malik S. A preemptive regimen reduced nociceptive c-Fos expression in the somatosensory cortex of surgical pain paradigm. *J Ayub Med Coll Abbottabad*.

2025

3. Mumtaz S, Baseer N, & **Habib S.H.** Preemptive analgesia regimen modulates hippocampal c-Fos expression in a rat postoperative uterine pain model. *J Taibah Univ Med Sci*.
4. Zafar U, & **Habib S.H.** Reassessing metrics: The limitations of brain function as indicators of brain health. *Pak J Med Sci*.
5. Khan F, Baseer N, & **Habib S.H.** Immunohistochemical evaluation of RKI-1447 in rat thoracic spinal cord compression injury model. *Indus J Biosci Res*.
6. Mumtaz S, Baseer N, **Habib S.H.**, Saleem S, & Malik S. Effectiveness of preemptive regimen in reducing nociceptive c-Fos expression in the somatosensory cortex of surgical pain paradigm. *J Ayub Med Coll Abbottabad*.
7. Sultan S, Zoofeen L, Shah I, Bukharis MS, Sharif N, Khan M, & **Habib S.H.** Enhanced inflammatory and oxidative response mitigation by acetyl-L-carnitine in a rat model of pelvic inflammatory disease. *Naunyn Schmiedebergs Arch Pharmacol*.
8. Khan Z, **Habib S.H.**, Al-Khlaiwi T, Baseer N, Khalifa MM, & Habib SS. Comparison of inflammatory markers and nerve conduction studies in prediabetes and type two diabetes mellitus: A possible role in neuropathy. *J Family Med Prim Care*.
9. Shafiq M, **Habib S.H.**, Naz R, Farhat S, Sammar K, Rehman AU, & Awan AS. Effect of demographic and physical factors on nerve conduction in median and ulnar nerves in healthy subjects. *Pak J Physiol*.
10. Zafar U, **Habib S.H.**, & Bashir S. Panel of plasma protein biomarkers for diagnosing chronic traumatic encephalopathy in adults. *J Psychiatry Psychiatr Disord*.

2024

11. Jan A, Shah M, Shah SA, **Habib S.H.**, Ehtesham E, & Ahmed N. Melatonin rescues pregnant female mice and their juvenile offspring from high fat diet-induced Alzheimer disease neuropathy. *Heliyon*.
12. Khan F, Baseer N, **Habib S.H.**, & Khalid S. Effect of RKI-1447 on the behavioral aspect post compression injury model in rats.
13. Saleem S, & **Habib S.H.** Effect of infra low frequency (ILF) neurofeedback training on EEG in children with autism spectrum disorders. *Pak J Med Sci*.
14. Saleem S, & **Habib S.H.** Neurofeedback recuperates cognitive functions in children with autism spectrum disorders (ASD). *J Autism Dev Disord*.

15. Habib SS, Al-Khlaiwi T, Al-Khliwi H, Habib SM, Habib SA, & **Habib S.H.** Adiponectin and TNF α in relation to glucometabolic control in patients with type 2 diabetes mellitus. J Family Med Prim Care.
16. Mumtaz S, Baseer N, & **Habib S.H.** Concomitant use of pre-emptive analgesia with local and general anesthesia in rat uterine pain surgical model. Mol Pain.
17. Amjad A, Baseer N, Yousafzai YM, Safi S, **Habib S.H.**, & Habib SR. Cephalometric analysis of patients with beta thalassemia receiving fetal hemoglobin induction therapy. J Taibah Univ Med Sci.
18. Moran VH, Thomson G, Fatima S, **Habib S.H.**, Mahboob U, & Nazli R. Health professionals' and women's knowledge and experiences of caring for small gestational age (SGA) infants in Pakistan. Glob Pediatr.
19. Saleem S, & **Habib S.H.** Implications of genetic factors and modifiers in autism spectrum disorders: A systematic review. Rev J Autism Dev Disord.
20. Habib SS, Al-Khlaiwi T, **Habib S.H.**, Habib SM, Habib SAB, & Al-Khliwi H. Impact of physical fitness scores and its association with inducible nitric oxide synthase (iNOS) in healthy individuals and patients with type 2 diabetes mellitus. Gomal J Med Sci.

2023

21. Zafar U, **Habib S.H.**, & Raza SS. Identification of appropriate tools to gauge brain functions in a clinical setup of a developing country: A pilot study. Pak J Med Sci.
22. Mumtaz S, Baseer N, **Habib S.H.**, Waheed N, Saleem S, & Malik S. Impact of preemptive analgesic regime on the rats' anesthetic recovery period in somatic pain model. Gomal J Med Sci.
23. Khan N, Shah M, Malik MO, Badshah H, **Habib S.H.**, Shah I, & Shah FA. The effects of tobacco and cannabis use on semen and endocrine parameters in infertile males. Andrologia.
24. **Habib S.H.** Magnesium: How can we benefit? Adv Basic Med Sci.
25. Zafar U, **Habib S.H.**, & Bashir S. Identification of a panel of plasma protein biomarkers for determining chronic traumatic encephalopathy in adults. Physiology.
26. Tariq K, Fatima S, Nazli R, **Habib S.H.**, & Shah M. The short-term impact of high energy nutritional supplements on energy balance in underweight primi-gravidae: A randomized controlled trial. J Pak Med Assoc.
27. Hassan S, Shah M, Malik MO, Ehtesham E, **Habib S.H.**, & Rauf B. Treatment with combined resveratrol and myoinositol ameliorates endocrine, metabolic alterations and perceived stress response in women with PCOS: A double-blind randomized study. Endocrine.

2022

28. Halima A, Huma Z, Khan B, **Habib S.H.**, Tariq Z, & Junaid M. Gastric damage due to deltamethrin at maximum residue level (MRL) and its auto-reversal in adult Wistar rats. J Rehman Med Inst.
29. Ahmad I, Fatima S, Luqman MW, Nazli R, **Habib S.H.**, & Shah I. Efficacy of multiple micronutrients supplementation on energy intake, calcium and vitamin D levels in underweight children. J Ayub Med Coll Abbottabad.

30. Habib SS, Al-Regaiey KA, Al-Khlaiwi T, Habib SM, Bashir S, & Al-Hussain F. Serum inducible and endothelial nitric oxide synthase in coronary artery disease patients with type 2 diabetes mellitus. *Eur Rev Med Pharmacol Sci*.
31. Nawab F, Fatima S, Nazli R, **Habib S.H.**, Nawab S, & Gerasimidis K. Micronutrient status and energy intake in moderate acute malnourished children after intake of high energy nutritional supplements for four weeks: A randomized controlled study. *J Ayub Med Coll Abbottabad*.
32. Akhtar Y, Nawaz S, Khan MS, **Habib S.H.**, Malik MO, & Fatima S. Relationship of serum adiponectin levels with glycaemic status in pregnant women. *J Ayub Med Coll Abbottabad*.
33. Mumtaz S, Baseer N, **Habib S.H.**, Zaman A, Wazir NU, & Khan F. Effectiveness of preemptive regime; buprenorphine or tramadol with lidocaine and isoflurane on smooth post-operative recovery in novel uterine surgical model. *Int J Health Sci*.
34. Wazir RJ, Tirmizi SS, Bibi S, & **Habib S.H.** Toxoplasmosis; comparative analysis of ICT and ELISA for detection and identification of risk factors in pregnant women in southern district of Khyber Pakhtunkhwa, Pakistan. *Avicenna J Med Sci*.

2021

35. Tariq K, Fatima S, Nazli R, **Habib S.H.**, & Shah M. Impact of lipid-based nutritional supplementation in primi-gravidas and its effect on maternal, birth and infant outcomes: A randomized controlled trial. *Khyber Med Univ J*.
36. Al-Khlaiwi T, Alaslabi AO, Khan A, **Habib S.H.**, Sultan M, & Habib SS. Reduced pulmonary functions and respiratory muscle strength in type 2 diabetes mellitus and its association with glycemic control. *Eur Rev Med Pharmacol Sci*.
37. **Habib S.H.**, & Habib SS. Auditory brainstem response: An overview of neurophysiological implications and clinical applications-A narrative review. *J Pak Med Assoc*.
38. Malik MO, & **Habib S.H.** COVID19 and cell mediated immunity; the missing link of disease severity. *Adv Basic Med Sci*.
39. Zafar U, & **Habib S.H.** The link between autism spectrum disorder and gastrointestinal microbiota. *J Ayub Med Coll Abbottabad*.
40. Tauqir S, Israr M, Rauf B, Malik MO, **Habib S.H.**, Shah FA, & Usman M. Acetyl-L-carnitine ameliorates metabolic and endocrine alterations in women with PCOS: A double-blind randomized clinical trial. *Adv Ther*.
41. Umair H, Siddiqui MU, Ishtiaq S, Gul A, **Habib S.H.**, & Siraj S. Association of beta-2 adrenoreceptor single nucleotide polymorphism with risk of type II diabetes mellitus. *Ann PIMS-Shaheed Zulfiqar Ali Bhutto Med Univ*.
42. Rabbani S, Afaq S, Fazid S, Khattak MI, Yousafzai YM, **Habib S.H.**, & Lowe N. Correlation between maternal and neonatal blood vitamin D level: Study from Pakistan. *Matern Child Nutr*.

2020

43. Habib SS, Bashir S, & **Habib S.H.** Serum visfatin relationship with glycemic control and adiposity indices in patients with type 2 diabetes mellitus. *Khyber Med Univ J*.

44. **Habib S.H.**, Gul A, Malik MO, Habib SR, & Khalil A. Evaluation of oral hygiene and dietary status among edentulous, dentate and denture wearers in the elderly. Khyber Med Univ J.
45. Khattak N, **Habib S.H.**, ur Rahman U, Zeeshan N, & Gul S. Comparison of serum testosterone levels among students studying in religious institutions and non-religious institutions. J Ayub Med Coll Abbottabad.
46. Habib SS, Alzoghaibi MA, **Habib S.H.**, & Al-Regaiey KA. Reference ranges and determinant factors for fractional exhaled nitric oxide in a healthy Saudi adult population. Med Sci Monit Basic Res.
47. Mateen H, Faisal R, Khizar SH, & **Habib S.H.** Evaluation of synergistic effect of Thuja orientalis with ciprofloxacin against Escherichia coli. Pak Armed Forces Med J.
48. Khizar SH, **Habib S.H.**, Malik MO, Farhat S, Bibi S, & Qasim QM. Hematological and immunological parameters among diacetylmorphine addicts. Pak J Physiol.
49. Shafiq M, **Habib S.H.**, Malik MO, Bashir B, Qasim QM, & Farhat S. Comparison of ulnar and median nerve conduction parameters between males and females. Pak J Physiol.
50. **Habib S.H.**, Khizar SH, Malik MO, Tariq M, Ramzan MH, & Khan MK. Association of serum leptin level with body mass index and lipid profile in diacetylmorphine (heroin) addicts versus healthy controls. Heroin Addict Relat Clin Probl.
51. Khan M, Mazhar S, Ur-Rahman M, Jan MBA, Khan Y, Rahman Z, & **Habib S.H.** The effectiveness of mirror therapy in stroke rehabilitation: Current perspective review. EC Neurol.

2019

54. Shah SS, Shah M, **Habib S.H.**, Shah FA, & Malik MO. Correlation of plasma kisspeptin with total testosterone levels in smokeless tobacco and smoking tobacco users in a healthy cohort: A cross-sectional study. Andrologia.
55. Umair M, Malik MO, **Habib S.H.**, Shah M, & Ullah A. Frequency of non-alcoholic fatty liver disease in non-obese type 2 diabetic patients and its association with sex and age. Adv Basic Med Sci.
56. Baseer N, Huma Z, **Habib S.H.**, & Mehboob U. Content analysis of undergraduate guiding documents for medical graduate attributes in different healthcare systems. Adv Basic Med Sci.
57. Shaheen G, **Habib S.H.**, Khizar SH, Safiullah S, Malik MO, Khan N, & others. Evaluation of hepatotoxic and nephrotoxic effects after 2 weeks treatment of piroxicam sulfonated derivatives in albino rats. Pak J Physiol.
58. Mateen H, Tariq SA, **Habib S.H.**, Khizar SH, Popalzai AJ, & Hussain A. Antimicrobial activity of Thuja orientalis in combination with ciprofloxacin against Pseudomonas aeruginosa. Khyber Med Univ J.

2018

59. Malik MO. Effect of Sidr (Beri) honey on reduction of post tonsillectomy pain in children: A randomized controlled trial. Adv Basic Med Sci.
60. Khizar H, **Habib S.H.** Evaluation of atherogenic index among diacetylmorphine addicts. Adv Basic Med Sci.

61. Shah SS, **Habib S.H.**, Malik O, Burki MH, & Nathaniel E. Effect of dapoxetine on intravaginal ejaculatory latency time (IELT) in premature ejaculation: A systematic review. J Rehman Med Inst.
62. Ali A, **Habib S.H.**, & Ahmad M. Putting learning theories into practice: Critical appraisal of the selected articles. Adv Basic Med Sci.
63. Shah I, **Habib S.H.**, Yousafzai YM, Ali A, Ikram S, Zia H, & Said R. Perceived stress in undergraduate physical therapy students of Peshawar, Pakistan. Pak J Physiol.

2017

64. Ali A, **Habib S.H.**, Shah I, Jan A, & Yousafzai YM. Attributes of a good medical school: Faculty perspective in local context. Pak J Physiol.
65. Ali A, Shaheen G, Tariq SA, Ullah S, Sultana N, Khan N, Shah I, & **Habib S.H.** Evaluation of hepatotoxic and nephrotoxic effects of piroxicam sulfonated derivatives. Pak J Physiol.
66. **Habib S.H.**, Malik MO, Fatima S, & Shah I. Evaluation of peer assisted learning in evidence based medicine course: A pilot study at University of Glasgow. J Ayub Med Coll Abbottabad.
67. Shah I, Malik MO, Khan MJ, Fatima S, Baxendale R, & **Habib S.H.** Endostatin concentration in plasma of healthy human volunteers. J Ayub Med Coll Abbottabad.

Academic Activities:

- Teaching to undergraduate and post graduate students.
- Research supervision of MPhil and PhD students.
- Involved in curriculum development for Neurobiology course for Post graduate students.
- Organizing departmental seminars and workshops.
- Skilled to conduct Problem Based Learning, Team Based learning and Peer Assisted Learning.
- Designing the assessment blueprint in modular system.
- Familiar with different types of assessment methods and designing of MCQs, EMQs, SEQs and MEQs.
- Involved in teaching in both small group and large group formats and conducting tutorials.
- Teaching E-learning strategies in Basic Medical Sciences.
- Experienced as course coordinator.
- Organizer of 1st International Basic Medical Sciences Conference, October 2018, Khyber Medical University, Pakistan.
- Chair Scientific Committee, 18th Pakistan Physiological Society Conference, 6-8th October 2023, Peshawar Pakistan.

Research Interests:

- Diabetes, Obesity & Dietary management
- Neurophysiology (NCS/EMG/EPs), Neurofeedback
- Spinal cord injury models & treatment strategies

Research equipment expertise

- In vivo electrophysiology set up
- Nerve conduction studies, EMG
- Cognitive Assessments
- Immunohistochemistry
- Confocal & Fluorescence microscopy
- Tissue processing using Cryostat & Vibrotome
- Behavioral assessment in animal models of spinal injury
- Data acquisition system including Powerlab & Biopac systems
- ELISA

Ongoing research projects:

PhD projects Supervised till date

1. Effect of Ketogenic diet on Memory Domain of Cognition in Healthy Individuals.
2. Assessment of antioxidant therapy and ketogenic diet on oxidative stress biomarkers in type II diabetics with neuropathy: A randomized controlled trial.
3. Synaptic genes mutations & Neurofeedback intervention in Autism Spectrum Disorder.
4. Developing & Validity a Novel Tool for Assessment of Brain Health.

PhD projects Co-Supervised

1. Hormonal and Structural Changes in the reproductive system of a chronic stress rat model and their offspring
2. Hormonal And Metabolic Alterations in Response to Stress in a Chronic Stress Rat Model and their Offspring
3. Concomitant use of pre-emptive analgesia with local and general anesthesia in rat uterine surgical pain model
4. Effect of Melatonin on HFD-induced oxidative stress mediated neuroinflammation & neurodegeneration via SIRT1/NRF-2/HO-1 signaling in pregnant mice & their neonates

MPhil Projects Supervised till date

1. Impact of Neurofeedback therapy on the levels of Oxytocin & Serotonin in Autism spectrum disorder
2. Cognitive impairment and its association with glycemic control in subjects with Type 2 diabetes mellitus
3. Influence of Neurofeedback therapy on Brain-derived neurotrophic factor and

- Orexin in Autism spectrum disorder
4. Frequency of Single nucleotide variations (SNV) in FKBP 5 gene and their correlation with response to Selective Serotonin Reuptake Inhibitor.
 5. Correlation of NFL with Nerve Conduction Studies in T2DM: A Cross-sectional study.
 6. Effect of food temperature on Satiety score and Gut hormone PYY after consuming High Protein Diet.
 7. Effect of food temperature on Satiety score and Gut hormone PYY after consuming High Carbohydrate Diet.
 8. Effect of different food temperatures of High Protein Diet on Insulin, Serotonin, and Subjective satiety.
 9. Impact of 4 weeks of ketogenic diet on Thyroid function tests and TRH in healthy cohort.
 10. Impact of 4 weeks of ketogenic diet on Leptin & Ghrelin in healthy cohort.
 11. Impact of ketogenic diet of anthropometric & blood parameters in a healthy cohort.
 12. Age related changes in ulnar and median nerve conduction parameters.
 13. Determination of normal reference values of nerve conduction parameters in Pakistani population.
 14. Comparison of inflammatory markers in pre-diabetes and diabetes: A possible role in neuropathy.
 15. Evaluation of Vitamin levels among dentate, edentulous and complete denture wearers.
 16. Association of leptin with body mass index and lipid profile in diacetylmorphine addicts and normal subjects.
 17. Role of curcumin in deltamethrin induced hepatic and renal toxicity.
 18. Association of Arg16Gly polymorphism in human beta 2 adrenoreceptors with risk of type-2 diabetes mellitus.
 19. Correlation of vitamin B12 levels with NCS parameters in type 2 diabetic patients with peripheral neuropathy.

Achievements/Awards

- **Award of The Fogarty-Aga Khan University Pakistan Initiative for Non-Communicable Diseases (AKUPI NCD) Research Certificate Course Grant** (September 2025-February 2026).
- **Commendation certificate** presented by the Vice Chancellor Khyber Medical University, at 6th Khyber Medical University Convocation, January 2023.
- **Frontline warrior in Covid-19** Pandemic at Public Health Reference Laboratory (PHRL), Khyber Medical University (March 2020-July 2020).
- **Awarded 0.5 million** PKR Faculty Research Grant (FaRe) by Khyber Medical University for project titled “Mild Cognitive Impairment in Type 2 Diabetes Mellitus”
- **Syed Alamdar Hussain Shield for the Best Oral Presentation** at 16th PPS-S Conference, Muzaffarabad, Pakistan (June 21-22, 2019).
- **Best oral presentation at SAAP VI & PPS 16** Biennial Conference, Lahore,

- Pakistan (December 13-15, 2018).
- **Higher Education Commission Scholarship** for PhD study in United Kingdom (Faculty Development Program for Khyber Medical University).
 - **Travel grant for FENS 2014**, Annual Meeting, Milan Italy (funded by University of Glasgow).
 - **HEC Pakistan travel grant for Europhysiology 2018** Conference, London United Kingdom.
 - **ORIC Khyber Medical University travel grant** for 1st Saudi Spine Society Meeting, Riyadh, Saudi Arabia, December, 2017.
 - **Certificate of appreciation** from Vice Chancellor Khyber Medical University for outstanding teaching in session 2016.

Oral Presentations

- **Plenary Lecture:** International Medical Research Conference 2025 (2nd IMRC) at Bacha Khan Medical College, Mardan, Pakistan.
- **Habib S.H.** SAAP IX Conference, Lahore, Pakistan (December 2024)
- **Invited Lecture:** Normal Reference values of Median & Ulnar Nerve Conduction Parameters in a Healthy Cohort. 2nd PROBE Conference University of Karachi 07-09 Jan 2020.
- **Plenary Lecture:** Investigating the therapeutic effects of mesenchymal stem cells transplants in spinal cord injury model. 16th Pakistan Physiological Society Conference 21-22 June 2019, Muzaffarabad, Azad Kashmir.
- **Habib S.H.** Age related changes in ulnar and median nerve conduction parameters. 16th Pakistan Physiological Society Conference 21-22 June 2019, Muzaffarabad, Azad Kashmir.
- **3 Minute Thesis Contest** presentation in 7th International Conference on Health Professions Education & Research, Khyber Medical University, Peshawar Pakistan, (March 19-21, 2019).
- **Habib S.H.** Assessment of spinal cord function through an electrophysiological approach in a cervical spinal cord injury model. SAAP VI & PPS 16 Biennial Conference, Lahore, Pakistan (December 13-15, 2018).
- **Habib S.H.** Evaluation of diet and oral health among dentate, edentulous and complete denture wearers. SAAP VI & PPS 16 Biennial Conference, Lahore, Pakistan (December 13-15, 2018).
- **Speaker: Plenary session,** Electrophysiological assessment after spinal cord injury: March 2018, 9th KARECon 18, Annual Health Research Conference, Khyber Medical University, Peshawar, Pakistan.
- **Guest Speaker:** Investigating local circuit function following spinal cord injury. Department of Physiology, King Saud University, Riyadh, Saudi Arabia, December 2017. (December 20, 2017).
- **Habib S.H.** Electrophysiological assessment of spinal cord function following cervical spinal cord injury. 1st International Saudi Spine Society Conference, Riyadh, Saudi Arabia. (December 17-19, 2017).
- **Habib S.H.** Evaluation of Peer Assisted Learning (PAL) in Evidence Based Medicine (EBM) course: A pilot study at University of Glasgow. 5th International Conference on Health Professions Education & Research, Khyber

- Medical University, Peshawar Pakistan, (April 7-9, 2017).
- **Speaker: Plenary session**, Investigating local circuit function following spinal cord injury. 1st May 2016, 7th Annual Health Research Conference, Khyber Medical University, Peshawar, Pakistan.

Poster Presentations

1. **Habib S.H.**, Khizar, S.H, & Malik M.O. Association of leptin with body mass index and lipid profile in diacetylmorphine addicts and normal subjects. Europhysiology Conference, London United Kingdom (14-16th September, 2018).
2. **Habib S.H.** & Sethi A. Developing a self-assessment tool for effective research proposal development. 6th International Conference on Health Professions Education & Research, Khyber Medical University, Peshawar, Pakistan (19-21 April 2018).
3. **Habib S.H.**, Toft A, Che Mohamad C.A, Olivier E, Mountford J, & Riddell J.S. Investigating the therapeutic effects of delayed human embryonic stem cell derived mesenchymal stem cell transplants after spinal cord injury. 9th Federation of European Neuroscience Societies (FENS), Milan Italy (2014).
4. **Habib S.H.**, Toft A, Che Mohamad C.A, Olivier E, Mountford J, & Riddell J.S. Investigating the therapeutic effects of delayed human embryonic stem cell derived mesenchymal stem cell transplants after spinal cord injury. Glasgow Neuroscience Day, Glasgow (2014).
5. Che Mohamad C.A, Toft A, **Habib S.H.**, Olivier E, Mountford J, & Riddell J.S. Human embryonic stem cell derived mesenchymal stem cells as a therapy for spinal cord injury. Glasgow Neuroscience Day, Glasgow (2014).
6. Toft A, **Habib S.H.** & Riddell J.S. Electrophysiological assessment of functional changes in the spinal cord after cervical contusion injury: short term and long term damage accompanied by plasticity. Program No. 629.15. SOCIETY FOR NEUROSCIENCE, San Diego (2013).
7. **Habib S.H.**, Toft A, & Riddell J.S. Assessing functional changes in the spinal cord after contusion injury using a direct electrophysiological approach. Glasgow Neuroscience Day, Glasgow (2013).

Membership:

- **Member of Finance & Planning Committee**, Khyber Medical University. September 2025-present.
- **Elected Member of University Senate, Khyber Medical University.** September 2023-present.
- **Pakistan Biological Safety Society:** Life member. Membership no: 1038
- **Pakistan Association of Medical Editors:** Membership no:143
- **Pakistan Medical & Dental Council:** Registration no: 14891-N
- **Member Editorial Board:** Journal of Rawalpindi Medical College.
- **Pakistan Physiological Society: PPS#**

Workshops conducted:

- **Non-invasive Transcranial Magnetic Stimulation:** 2nd Basic Medical Sciences Conference (BMedCon 23) October 23, Khyber Medical University, Peshawar, Pakistan.
- **Animal Handling Basics:** 18th International PPS Conference 6-8th Oct 2023 at Peshawar Pakistan.
- **Synopsis Writing:** 13th May 2023 at Rehman Medical Institute on PSPCON 2023
- **Workshop on Promoting Equitable Relation in Identifying Community Driven Research Priorities:** 27th October 2020 at Khyber Medical University, Peshawar, Pakistan.
- **Hands on training on Powerlab in research protocols:** 23rd October 2018, 1st Basic Medical Sciences Conference (BMedCon 18), Khyber Medical University, Peshawar, Pakistan.
- **Workshop on Program Evaluation:** Institute of Health Professional Education & Research. Khyber Medical University.
- **Basic Nerve Conduction Techniques:** March 2018, 9th KARECon 18, Annual Health Research Conference, Khyber Medical University, Peshawar.
- **Enzyme Linked Immunosorbent Essay (ELISA):** March 2018, 9th KARECon 18, Annual Health Research Conference, Khyber Medical University, Peshawar.
- **Animal use in laboratory sciences:** April 2017, 8th Annual Health Research Conference, Khyber Medical University, Peshawar.
- **E-learning in Basic Sciences:** April 2017, 8th Annual Health Research Conference, Khyber Medical University, Peshawar.
- **Animal use in laboratory sciences:** 29th April 2016, 7th Annual Health Research Conference, Khyber Medical University, Peshawar.

Workshops Attended:

- **Customizing Journals for Indexation in Scopus:** 10th Jan 2024. Khyber College of Dentistry, Peshawar
- **Research Methodology & Biostatistics:** CPSP Regional Centre, Peshawar, Nov 2023.
- **Educational Planning & Assessment:** CPSP Regional Centre, Peshawar, Sept 2023.
- **Research Ethics:** 9-10 October 2019, Khyber Medical University, Pakistan.
- **Conchrane Systemic Review Protocol:**
- **Nutritional Epidemiology:** 8-10 April 2019, Khyber Medical University, Pakistan.
- **Capacity Building for Doctoral Supervision Program:** 28-30 November 2018; Higher Education Commission, Pakistan.
- **Biopac Training:** Hardware & Software on NCS, EMG, And Exercise Physiology: 25-27th October 2017; BIOPAC Systems Inc. Goleta, CA, USA.
- **Basics of Systematic Review & Meta-Analysis:** 2nd Advances in Cancer, Histopathology & Hematology Conference, Khyber Medical University, Peshawar, Pakistan. January 27th, 2017.

- **Biomedical Ethics:** 39th Annual Conference of Pakistan Association of Pathologists & 4th Joint Conference of Societies of Pathology, Khyber Medical University, Peshawar, Pakistan. November 2016.
- **Next Generation Sequencing:** 39th Annual Conference of Pakistan Association of Pathologists & 4th Joint Conference of Societies of Pathology, Khyber Medical University, Peshawar, Pakistan. November 2016.
- **Writing grant winning research project:** 7th Annual Health Research Conference, Khyber Medical University, Peshawar. April 2016.
- **Stem Cells and Regenerative Medicine: Current Status and Future Prospects,** University of Edinburgh (Accredited by Royal College of Physicians).
- **Good Clinical Practice,** Glasgow Clinical Research Facility.
- **Successful Writing,** University of Glasgow.
- **Applied Medical Statistics,** University of Glasgow.
- **Advanced Medical Statistics,** Robertson Center of Biostatistics, Glasgow.
- **Teaching in Biosciences;** Higher Education Academy UK, Ulster University Belfast, February 2011.
- **Emergency First Aid;** Stewart Health and Safety Training, Glasgow, University of Glasgow.
- **Critical appraisal of Medical Literature,** University of Glasgow.
- **Intellectual Property,** University of Glasgow.
- **Presenting with Impact,** University of Glasgow.
- **Designing Posters,** University of Glasgow.
- **Making an Impact with your PhD,** University of Glasgow.
- **Basic IT skills Course,** University of Glasgow.
- **Reference Manager and Endnote, library,** University of Glasgow.
- **Searching Web Resources,** University of Glasgow.
- **Using Word to Prepare your Thesis,** IT services, University of Glasgow
- **Primary Trauma Care,** Khyber Medical College Peshawar.
- **Thalassemia Workshop,** Khyber Medical College Peshawar.

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