

Haroon Javed

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DOB: 29/01/1994
Nationality: Pakistani



Education:

- Ph.D. student at the Institute of Experimental Hematology & Transfusions Medicine (IHT), Universitätsklinikum Bonn, Bonn (Germany) (2020-onwards)
- Master's degree in Biological Sciences: University of Konstanz, Konstanz (Germany) (June 2017-Feb 2020)
Final Master's exam: Immunology, Cell biology.
Theoretical Advanced courses: Immunology, Toxicology.
Preferential modules: Disease Biology 2, Biochemistry 3.
- Erasmus + exchange programme: University of Coleraine, Coleraine (United Kingdom) (Jan 2016-Jun 2016)
- Bachelor's degree in Biosciences & Biotechnology: University of Camerino, Camerino (Italy) (Oct 2013-Nov 2016)
Major courses undertaken: Cell Biology & Biotechnology, Pathology, Human and animal physiology, Molecular Biology, Molecular Genetics, Microbiology.
- High School in pre-medicine: Board of intermediate and secondary education Gujranwala (BISE), Pakistan (Jun 2008-Jun 2012)

Practical Experience:

- Master's thesis student: University Hospital Essen, Essen (Germany) (Apr 2019-Nov 2019)
Topic: "The impact of activated neutrophils on brain microvasculature changes after an ischemic stroke in mice"
- Short Internship (Cell Biology): Universität Konstanz, Konstanz (Germany) (Jan 2018-Feb 2018)
Topic: "Phosphatase POPX2 - novel negative regulator of integrin activity"
- Short Internship (Molecular Genetics): Universität Konstanz, Konstanz (Nov 2017-Dec 2017)
Topic: "Construction of truncated XErp1 protein for DARPin selection"
- Short Internship (Cellular Biochemistry): Universität Konstanz, Konstanz, (Germany) (Jun 2016-July 2016)
Topic: "Following conformational changes of Hsp26 using quantitative cross-linking mass spectrometry"

- Erasmus + Traineeship in Prof. Joachim Kurtz lab., University of Muenster, Muenster (Germany) (*July 2016-Sep 2016*)
Topic: “Effects of immune priming in the red flour beetle *Tribolium Castaneum*”
- Erasmus + Traineeship in Prof. Ugur Osman Sezerman lab., Acibadem Universitesi, Istanbul (Turkey) (*Jul 2015-Sep 2015*)
Topic: “De Novo Transcriptome analysis of Psychrophilic ciliate *Euplotes focardii*”
- Research Project in Prof. Cristina Miceli lab, University of Camerino (Italy) (*Nov 2014-June 2015*)
Topic: “Study on the associated bacterial consortium to the Antarctic psychrophilic ciliate *Euplotes focardii*”

Published Article:

- **Genetic landscape in coagulation factor XIII associated defects – Advances in coagulation and beyond** (*Javed et al., November 2022, Blood reviews*)

Scientific talks, Poster presentations & workshops:

- Javed Haroon “Functional investigations into the patho-molecular mechanisms underlying FXIII heterozygous missense mutations of emerging clinical importance” (*Scientific talk at GTH 2022, Leipzig*)
- Javed H. Singh S. Urs S. Oldenburg J. and Biswas A. “A polycistronic mammalian vector/expression system to establish the causality of FXIII heterozygous variant species” (*Poster presentation at 52.Hamburger hämophilie symposion 2021, Hamburg*)
- Javed H. Singh S. Urs S. Oldenburg J. and Biswas A. “Determining the dominant-negative causality of FXIII heterozygous mutations using a bi-cistronic, bi-tagged expression system” (*Poster presentation at ISTH 2022 Congress, London*)
- Javed H. Singh S. Urs S. Islam M. Oldenburg J. and Biswas A. “The genetic landscape of coagulation Factor XIII genes in coagulation and coagulation related physiologies” (*Poster presentation at 53.Hamburger hämophilie symposion 2022, Hamburg*)
- Scientific workshop “Mass spectrometry in Life sciences” (*October 2022, Bonn, Germany*)

Voluntary contributions:

- Deputy speaker of Referates für Hochschulpolitik beim Allgemeinen Studierendausschusses (AStA) (*2018-2019, University of Konstanz, Germany*).
- Member of Referat für Internationale Studierende beim Allgemeinen Studierendausschusses (AStA) (*2021-2022, University of Bonn, Germany*).

Certifications:

- Felasa-1 certificate for animal handling. (*2019, Universitätsklinikum Essen, Germany*).

Honours and awards:

- Merit based free high school education (2010-2012, BISE, Pakistan).
- Ersucam yearly scholarship for entire bachelor studies (2013-16, Unicam, Italy).
- Erasmus scholarship for internship (2015, Acibadem University, Istanbul).
- Erasmus+ scholarship for exchange semester (2016, University of Ulster, UK).
- Erasmus scholarship for scientific project (2016, University of Muenster, Germany)
- Ersucam scholarship for outstanding graduation score (2016-17, Unicam, Italy).
- Deutschland Stipendium (2018-2019, University of Konstanz, Germany).

Personal Skills:

- Soft skills: Multitude of poster presentations and research paper presentations in journal clubs.
- Job-related skills: Informatics & Bioinformatics, good command of office suite, Python language skills, well versed with various online databases,
- Routine lab techniques: PCR, Western Blotting, Gel Electrophoresis, Liquid chromatography, Mass Spectrometry, FISH etc.
- Culturing: setup and maintainence of mammalian cultures, primary cell cultures and cell lines.
- Animal models & surgical skills: performed transcardiac whole body perfusion in experimental animals to procure brain tissues.
- Microscopic skills: Light sheet floourescence microscopy (LSFM), Confocal Microscopy.
- 3D image processing: Imaris software filament & tracing model experiece for 3D analysis of brain miocrovasculature.
- Languages: Punjabi (native), Urdu (native), English (fluent), Italian (proficient), German (proficient), Spanish (proficient).
- Driving licence: BE

Interests & activities:

- Participated in several intra and inter University competitions e.g. debate and quiz competitions.
- Enthusiastic about multitude of indoor and outdoor sports including chess, soccer, squash, running; especially euphoric when cooking Italian cuisine or surfing in nature.

REFEREES:

- PD Dr. rer. nat. Arijit Biswas, Email: Arijit.Biswas@ukbonn.de
- Prof. Dr. med. Johannes Oldenburg, Email: johannes.oldenburg@ukbonn.de
- Prof. Dr. Matthias Gunzer, Email: matthias.gunzer@uni-due.de