

ASAD JAN

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Education and Positions

2017. AIAS-COFUND Postdoctoral Fellow. Aarhus Institute of Advanced Studies, Aarhus University, Denmark

2012-2017. Postdoctoral Fellowship. British Columbia Cancer Research Centre, Department of Pathology and Laboratory Medicine, University of British Columbia, Vancouver, Canada

2010- PhD Neuroscience. Ecole Polytechnique Fédérale de Lausanne, Switzerland

2005- Bachelor of Medicine, Bachelor of Surgery. Liaquat University of Medical & Health Sciences, Pakistan)

Highlights of Qualifications

- Extensive knowledge of disease pathogenesis and intervention strategies with a professional degree in Clinical Medicine and PhD in Neuroscience.
- Competency in pre-clinical assay development, target validation and *in vivo* testing in relevant animal models.
- Solid expertise in pre-clinical research methodology: mammalian cell cultures including primary neuronal cultures, molecular biology and DNA cloning, biochemical assays including ELISA and Biacore, cell viability assays, protein purification and characterization, flow cytometry, fluorescence microscopy, rodent intracerebral surgery and neuropathology.
- Strong written and verbal communication skills as demonstrated by scientific publications (5 journal articles as first author, 2 journal articles as a co-author, 1 book chapter and 3 literature reviews) and 12 conference proceedings.
- Proven abilities in designing research plans, and drafting grant proposals and animal research protocols.
- Track record of establishing successful collaborations with partners in academia and industry, managing timelines and resource plans, data analysis and documentation, scientific presentations and communicating with stakeholders.
- Demonstrated interpersonal skills, and abilities in providing leadership and mentoring of technical staff.

Scientific Focus Areas

Neurodegenerative diseases, Neurotoxicity, Protein aggregation, Translational Neuroscience, mRNA translation machinery, Cellular stress adaptation.

Academic Awards and Honors

- Canadian Institutes of Health Research (CIHR) Travel Award (2015)
- Child and Family Research Institute (CFRI) Travel Award (2013)
- Canadian Institutes of Health Research (CIHR) Postdoctoral Fellowship (2013-2015)
- Child and Family Research Institute (CFRI) Postdoctoral Fellowship (2013)- offered but declined.
- Pfizer Canada Ripples of Hope Postdoctoral Fellowship (2012-2013)

Recent conference proceedings/presentations

2017: AD/PD 13th International Conference- Poster and Oral presentation (Vienna, Austria).

2015: **i)** Canadian Association for Neuroscience Meeting (Vancouver, Canada); **ii)** AD/PD 12th International Conference (Nice, France); **iii)** Society for Neuroscience Annual Meeting (Chicago, USA)

2013: **i)** Society for Neuroscience (USA); **ii)** Alzheimer Association International Conference (Boston, USA)

2010: **i)** Society for Neuroscience (San Diego, USA)- 2 posters; **ii)** Brain Mind Institute (Lausanne, Switzerland).

2009: International Bunsen Discussion Meeting on amyloidoses (Halle an der Saale, Germany).