

Publications

Number of publications: 8 (As first author: 6); **Researcher ID:** D-4389-2009

Total citations- (Web of Science core collection, updated 2017/08/16): 373; **H-index:** 5.

Journal Articles

- Alberto Delaidelli, **Asad Jan**, Poul Sorensen et al. *MYCN amplified neuroblastoma requires the eEF2K mRNA translation regulator to adapt to nutrient deprivation*. Cell Death and Differentiation (2017)- In press. doi: 10.1038/cdd.2017.79. (Journal Impact Factor: 8.2).
- **Asad Jan**, Michael Hayden, Stefan Taubert, Poul Sorensen et al. *eEF2K inhibition blocks A β 42 neurotoxicity by promoting an NRF2 antioxidant response*. Acta Neuropathologica (2017)- 133(1):101-119. (PMID: 27752775; Journal Impact Factor: 11.3; **Citations: 0**)
- **Asad Jan**, Joanna Karasinska, Poul Sorensen, Michael Hayden et al. *Direct intracerebral delivery of a microRNA-33 antisense oligonucleotide into the mouse brain increases ATP-binding cassette transporter ABCA1 expression and activity*. Neuroscience Letters (2015)- (598): 66-72. (PMID: 25957561; Citations: 6; Journal Impact Factor: 2; **Citations: 9**)
- Heiko Kroth, **Asad Jan**, Hilal Lashuel, Andreas Muhs et al. *Discovery and structure activity relationship of small molecule inhibitors of toxic β -amyloid1-42 fibril formation*. Journal of Biological Chemistry-JBC (2012)- 287(41):34786-800. (PMID: 22891248; Journal Impact Factor: 4.5; **Citations: 26**)
- **Asad Jan**, Pierre Magistretti, Hilal Lashuel et al. *A β 42 neurotoxicity is mediated by ongoing nucleated polymerization process rather than by discrete A β 42 species*. JBC (2011)- 286(10):8585-96. (PMID: 21156804; Journal Impact Factor: 4.5; **Citations: 98**)
- **Asad Jan**, Dean M. Hartley and Hilal A. Lashuel. *Preparation and characterization of toxic A β intermediates for structural and functional studies in Alzheimer's disease research*. Nature Protocols (2010)- 5(6):1186-209. (PMID: 20539293; Journal Impact Factor: 11.2; **Citations: 103**)
- **Asad Jan**, Ruth Luthi-Carter, Hilal Lashuel. *The ratio of monomeric to aggregated forms of A β 40 and A β 42 is an important determinant of amyloid- β aggregation, fibrillogenesis, and toxicity*. JBC (2008)- 283(42):28176-89. (PMID: 18694930; Journal Impact Factor: 4.5; **Citations: 137**)

Book chapter

- **Asad Jan** and Hilal A. Lashuel. *Establishing the links between A β aggregation and cytotoxicity in vitro using biophysical approaches*. Methods in Molecular Biology (2012)-849:227-43. (PMID: 22528094; Journal Impact Factor: 1; **Citations: 4**)