Contact Information

Work

Department of Selenoprotein Research
National Institute of Oncology
Building 11, Ráth Gygy u. 7-9, 1122 Budapest, Hungary
Tel: +36-1-224-8600/1353
E-mail: mahe@oncol.hu
https://onkol.hu/department_of_selenoprotein_research/?lang=en

Education

Date	Degree	Institution	Description
2005	BSc. Biochemistry	Periyar University,Tamil Nadu, India	
2007	MSc. Biochemistry	Bharathidasan University,Tamil Nadu, India	Thesis on anticancer activity of cabbage, with Prof. John.J
2018	PhD.	Taipei Medical University, Taipei, Taiwan	Thesis on role of mycobacterial cord factor on neuroinflammation, with Prof. Wan Wan Lin

Appointments/Affiliations

Date	Title	Institution
2020 – present	Affiliated researcher	Department of Medical Biochemistry and Biophysics, Karolinska Inst, Stockholm, Sweden
2020 – present	Biologist	Department of Selenoprotein Research, National Institute of Oncology, Budapest, Hungary
2018 – 2020	Young research fellow	Laboratory of Endocrine Neurobiology, Institute of Experimental Medicine, Hungarian Academy of Science Budapest, Hungary
2007– 2011	Research assistant	Department of Biological Sciences, National Sun Yat Sen University, Kaoshiung, Taiwan

Bibiliometry

As of January 25, 2021, a total of 2 articles in Pubmed, cited 22 times with h-index of 2 (Google Scholar).

Publications

Mohanraj, M., Sekar, P., Liou, H. H., Chang, S. F., & Lin, W. W. (2018). The Mycobacterial Adjuvant Analogue TDB Attenuates Neuroinflammation v Mincle-independent PLC-γ/PKC/ERK signaling and microglial polarization. *Mol Neurobiol.* doi: 10.1007/s12035-018-1135-4.

Chio, C. C., Tai, Y. T., **Mohanraj, M.,** Liu, S. H., Yang, S. T., Chen, R. M. (2018). Honokiol Enhances Temozolomide-induced Apoptotic Insults to Maligna Glioma Cells via an Intrinsic Mitochondrion-dependent Pathway. *Phytomedicine.* Oct 1;49:41-51. doi: 10.1016.

Wilheim T, Nagy K, **Mohanraj M,** Ziarniak K, Watanabe M, Sliwowska J, Kalló I. (2021). Expression of type one cannabinoid receptor in different subpopulation of kisspeptin neurons and kisspeptin afferents to GnRH neurons in female mice.Brain Struct Funct. 2021 Sep;226(7):2387-2399. doi: 10.1007/s00429-021-02339-z

Fellowships and Awards

Ph.D scholarships awarded by Taipei Medical University for the academic year 2011- 2014
Travel grants: Chinese Society of Immunology, Taiwan, 2017
Second place in poster award: Taiwan Society of Mitochondrial Regenerative medicine, Taiwan, 2017
Conference fellowship: 13th EFIS-EJI Tatra Immunology Conference, Slovakia, 2018

Presentations (selected)

Poster presentation on "**TDB modulates microglia-mediated neuroinflammation via Mincle -independent PLC-γ/PKC/ERK pathway**" June, 2018, 13th EFIS-EJI Tatra Immunology Conference in Strbske Pleso, Slovakia.

Poster presentation on "**The mycobacterial adjuvant analogue TDB regulates microglia M1/M2 polarization via Mincle-independent PLC-γ1/CaMKKβ/AMPK pathway**" October, 2017, Taiwan Society of Mitochondrial Regenerative medicine, Taiwan.