Short CV - T.M. Michaelidis

Position: Associate Professor, *Department of Biological Applications and Technologies, University of Ioannina*
Collaborating Research Scientist/Group Leader, *Biomedical Research Institute, Foundation for Research and Technology - Hellas*

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Education

1981 - 1986 Faculty of Biology, National Kapodistrian University of Athens, Greece.
1986 - 1987 M.Sc.-Molecular Biology. Institute of Molecular Biology & Biotechnology (IMBB) and Department of Biology, University of Crete, Heraklion-Greece.
1987-1992 Ph.D. thesis-Molecular Biology. IMBB and Department of Biology, University of Crete, Greece.

Positions

- 2008 - today: Associated Member of the Biomedical Research Institute - FORTH, Ioannina, Greece
- 2007 - today: Associate Professor in Molecular Genetics, Department of Biological Applications & Technologies, University of Ioannina
- 2003-2006: Universitätsassistent, Department of Neuroscience, Medical University of Innsbruck, Austria
- 2000-2002: Senior Scientist, Department of Neuroendocrinology, Max-Planck-Institute of Psychiatry (Klinik), Munich,Germany
- 1998-1999: Research Associate, Department of Molecular Biology of the Cell II, German Cancer Research Center (Deutsches Krebsforschungszentrum, DKFZ), Heidelberg, Germany,
- 1993-1997: Postdoctoral Fellow, Department of Neurochemistry, Max-Planck-Institute of Psychiatry-Theoretisches Institut, Martinsried-Munich, Germany.

Fellowships and Research Grants

- Research infrastructure grant funded by the Public Investment Program, 2007, for the establishment of a "*Cellular and Molecular Neuroimmunology*" unit, Ministry of Education, Greece.
- Principal Investigator, "The role of the developmental signaling pathways Wnt and insulin on neural cell fate", Programme, HERAKLITOS II, ESPA-EU, Ministry of Education, Greece (2011-2014).
- Partner-Coordinator, miREG: *MicroRNAs and Transcription Factor Networks in the regulation of cell differentiation, aging and tumorigenesis, Programme* THALIS-I, ESPA-EU (2012-1015).
- Operational program "Competitiveness and Entrepreneurship" action "KRIPIS", co-funded by the European Regional Development Fund (ERDF), the European Union and national funds (2013-2015).
- Partner-Coordinator, INSPIRED: *The National Research Infrastructures on Integrated Structural Biology, Drug Screening Efforts and Drug target functional characterization*, Operational Programme Competitiveness, Entrepreneurship and Innovation (EPAnEK) (2018 – 2020).

Selected peer-reviewed publications

1. Michaelidis, T. M., M. Sendtner, J. D. Cooper, M. Airaksinen, B. Holtmann, M. Meyer, and H. Thoenen. (1996). Inactivation of the *bcl-2* gene results in progressive degeneration of motoneurons, sensory and sympathetic neurons during early postnatal development. *Neuron* **17,** 75-89.
2. Heix J., Vente A., Voit R., Budde A., Michaelidis T. M., and Grummt I. (1998). Mitotic silencing of human rRNA synthesis: inactivation of the promoter selectivity factor SL1 by cdc2/cyclin B-mediated phosphorylation. *EMBO J.* **17,**7373-81.
3. Frade JM, Michaelidis TM. (1997). Origin of eukaryotic programmed cell death: a consequence of aerobic metabolism? *Bioessays*, **19,** 827-832.
4. Gillardon F., Moll I., Meyer M., and Michaelidis T. M. (1999). Alterations in cell death and cell cycle progression in the UV-irradiated epidermis of bcl-2-deficient mice. *Cell Death Differ.* **6,** 55-60.

5. Almeida, O. F. X., G. L. Condé, C. Crochemore, B. A. Demeneix, D. Fischer, A. H. S. Hassan, M. Meyer, F. Holsboer, and Michaelidis T. M. (2000). Subtle shifts in the ratio between pro- and anti-apoptotic molecules following activation of corticosteroid receptors decide neuronal fate. *FASEB J.* **14,** 779-790.
6. Post A., M. Rücker, F. Ohl, M. Uhr, F. Holsboer, O. F. X. Almeida, and Michaelidis T. M. (2002). Mechanisms underlying the protective potential of *α*-tocopherol (vitamin E) against haloperidol-associated neurotoxicity. *Neuropsychopharmacology* **26,** 397-407.
7. Tirard M., Jasbinsek J., Almeida O.F.X., and Michaelidis T. M. (2004). The manifold actions of the protein inhibitor of activated STAT proteins on the transcriptional activity of mineralocorticoid and glucocorticoid receptors in neural cells. *J Mol Endocrinol.* **32,** 825-841.
8. Tirard M, Almeida OF, Hutzler P, Melchior F, and Michaelidis T. M. (2007). Sumoylation and proteasomal activity determine the transactivation properties of the mineralocorticoid receptor*. Mol Cell Endocrinol.* **268,** 20-29.
9. Michaelidis, T. M., and Lie, D. C. (2008) Wnt signaling and neural stem cells: caught in the Wnt web. *Cell Tissue Res.* **331,** 193-210.
10. Mu L., Berti L., Masserdotti G., Covic M., Michaelidis T. M., Doberauer K., Merz K., Rehfeld F., Haslinger A., Wegner M., Sock E., Lefebvre V., Couillard-Despres S., Aigner L., Berninger B., Lie D. C. (2012). SoxC transcription factors are required for neuronal differentiation in adult hippocampal neurogenesis*. J Neurosci.* **32,** 3067-3080.
11. Zakopoulou V, Vlaikou AM, Darsinou M, Papadopoulou Z, Theodoridou D, Papageorgiou K, Alexiou GA, Bougias H, Siafaka V, Zoccolotti P, Chroussos GP, Syrrou M, and Michaelidis T. M. (2019). Linking Early Life Hypothalamic–Pituitary–Adrenal Axis Functioning, Brain Asymmetries and Personality Traits in Dyslexia: An Informative Case Study. *Front Hum Neurosci*. **13,** 327.
12. Pargianas M, Kosmas I, Papageorgiou K, Kitsou C, Papoudou-Bai A, Batistatou A, Markoula S, Salta S, Dalkalitsis A, Kolibianakis S, Tarlatzis BC, Georgiou I, Michaelidis TM. (2020). Follicle inhibition at the primordial stage without increasing apoptosis, with a combination of everolimus, verapamil. *Mol Biol Rep*. **47,** 8711-8726.
13. Tsiomita S, Liveri EM, Vardaka P, Vogiatzi A, Skiadaresis A, Saridis G, Tsigkas I., Michaelidis TM, Mavrothalassitis G, Thyphronitis G. (2022). ETS2 repressor factor (ERF) is involved in T lymphocyte maturation acting as regulator of thymocyte lineage commitment. *J. Leukoc. Biol.* **112,** 641-657.