



D.Sc., Professor Merab G. Tsagareli graduated from Tbilisi State University (1977) and completed his post-graduate studies at Lomonosov State University of Moscow with Ph.D. in synaptic plasticity (1982), and then received his D.Sc. in hemispheric lateralization of visual-spatial recognition in alcoholics and healthy subjects (1995, habilitation). At present, his research is focused on studies of transient receptor potential (TRP) channels in pain and itch. He is also focused on the role of opioid and cannabinoid systems in analgesic and tolerance effects of non-steroidal anti-inflammatory drugs (NSAIDs). He obtained several grants and awards for excellent researchers for his innovative research on neurobiological mechanisms for pain. He published more than 100 international papers in his research field. Dr. Tsagareli served as Director of Ivane Beritashvili Institute of Physiology (2006-2008). He was a principal founder and founding Secretary-General of the Georgian Neuroscience Association (1996-2008); a member of the Governing Council of the International Brain Research Organization (IBRO, 1996-2008), and one of the founders and founding members of the Council of the Federation of European Neuroscience Societies (FENS, 1998-2008). He has also been a member of Charles Dana Alliance for Brain Initiatives (DABI) since 1997. Currently Dr. Tsagareli is a Laboratory Director of Neurobiology of Pain and Analgesia at Ivane Beritashvili Center for Experimental Biomedicine in Tbilisi, Georgia.

Selected publications:

Books:

Tsagareli M.G. (Ed.). *Hyperalgesia and Allodynia: A Closer Look. Symptoms, Mechanisms and Treatment*. New York: Nova, 2019.

Tsagareli M. *Pain Concepts and Treatment: From Alkmaeon to Patrick Wall*. LAMBERT Academic Publishing, Saarbrücken, 2018.

Tsagareli M. *Ivane Beritashvili and his Doctrine of Image-Driven Behavior*. LAP LAMBERT Academic Publishing, Saarbrücken, 2016.

Tsagareli M. *Ivane Beritashvili: His Life and Contribution*. Tbilisi: Universal, 2010 (in Georgian and English).

Research Articles:

De Logu F., et al., Tsagareli M.G., Geppetti P., Nassini R. The acyl-glucuronide metabolite of ibuprofen has analgesic and anti-inflammatory effects *via* the TRPA1 channel. *Pharmacol. Res.*, 2019, Vol. 142, pp. 127-139 (doi: 10.1016/j.phrs.2019.02.019)

Tsiklauri N., Pirkulashvili N., Nozadze I., Nebieridze M., Gurtskaia G., Abzianidze E., Tsagareli M.G. Antinociceptive tolerance to NSAIDs in the anterior cingulate cortex is mediated via endogenous opioid mechanism. *BMC Pharmacol. Toxicol.* 2018, Vol. 19, No. 1, art. 2 (doi: 10.1186/s40360-017-0193).

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Gurtskaia G., Tsiklauri N., Nozadze I., Nebieridze M., Tsagareli M.G. Antinociceptive tolerance effects of NSAIDs microinjected into dorsal hippocampus. *BMC Pharmacol. & Toxicol.*, 2014, Vol. 15, Article 10 (doi: 10.1186/2050-6511-15-10).

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