

<b>Name</b> Participants of WG3	<b>Arif Kamil Salihoğlu, MD, MRSB</b>
Affiliation	Karadeniz Technical University, Faculty of Medicine and Institute of Health Sciences, Department of Physiology
Scientific expertise, up to 5 key words	neuroscience, neuroendocrinology, diabetic neuropathy, mitochondrial dysfunction, autophagy
Motivation for participation in WG3	I have read objectives of the WG3 (tasks and memorandum) in CA20121 action, and also my thesis topic is about autophagy/mitophagy (dys)modulation and mitochondrial (dys)function in the pathogenesis of diabetic neuropathy; therefore I am also very interested in factors affecting diabetic neuropathies, like NRF2 modulation, by <i>in vitro</i> and <i>in silico</i> approaches to these topics.
Short narrative biosketch, including scientific background/ education/major achievements etc.	<p><b>Educational Information</b></p> <p>2017 - (ongoing) Ph.D. Student, Karadeniz Technical University, Faculty of Medicine, Department of Physiology</p> <p>2005 - 2014 M.D. degree, Karadeniz Technical University, Faculty of Medicine</p> <p><b>Professional Experience</b></p> <p>2017 - (ongoing) Early Career Researcher, Karadeniz Technical University, Faculty of Medicine, Department of Physiology, Trabzon, Turkey</p> <p>2014 - 2017 General practitioner, Ministry of Health of Turkey</p> <p>2013 – 2014 Internship, University of Bologna, Faculty of Medicine and Surgery, Italy</p> <p><b>MD Thesis</b></p> <p>2014 The Risk Factors and Clinical Presentations of the Portal Vein Thrombosis in Liver Transplantations – A Compilative Study (Supervisor: Prof. Dr. Antonio Daniele Pinna, Multiorgan Transplantation Unit, Sant’Orsola-Malpighi Hospital, Bologna University, Italy)</p> <p><b>Memberships</b></p> <p>2017 - Federation of European Neuroscience Societies (FENS)</p> <p>2018 - The Physiological Society (PhySoc)</p> <p>2018- British Society for Neuroendocrinology (BSN)</p> <p>2018- Society for Neuroscience (SfN)</p> <p>2018- Neurowissenschaftliche Gesellschaft (NWG)</p> <p>2019- British Neuroscience Association (BNA)</p> <p>2020- American Physiological Society (APS)</p> <p>2020- COST CA19105 EpiLipidNet Action (WG2&amp;4 Member from Turkey)</p> <p>2021- COST CA20121 BenBedPhar Action (WG1&amp;3 Member from Turkey)</p> <p>2021- European College of Neuropsychopharmacology (ECNP)</p> <p>2021- Royal Society of Biology (RSB), UK</p> <p>2022- COST CA20124 AI-4-NICU Action (WG3 Member from Turkey)</p> <p><b>Awards</b></p> <p>February 2022- Conference Grant of EMBO &amp; EMBL Symposium: Inter-organ communication in physiology and disease <i>European Molecular Biology Organization (EMBO)</i></p> <p>September 2021- Conference Grant for BSN-SNE 2021 Joint Meeting <i>British Society for Neuroendocrinology</i></p>

	<p>July 2020- ALBA-FKNE-YIBRO Diversity Grant <i>Federation of European Neuroscience Societies (FENS), ALBA Network, FENS-Kavli Network of Excellence, International Brain Research Organization (IBRO)</i></p> <p>September 2019- FEPS Conference Grant <i>Federation of European Physiological Societies (FEPS)</i></p> <p>September 2019- Conference Grant for Turkish Physiology Congress <i>The Physiological Society (PhySoc)</i></p>
Current research topics/ongoing projects	<p>PhD Thesis Project: (granted by The Scientific and Technological Research Council of Turkey -TUBITAK-, Project no: 220S863) Hyperglycemic Neuropathy and Its Relevance to Mitochondrial Function: In Vitro Investigations on the Potential Neuroprotective Effect of Mitochondrial (Dys)Function and Mitophagy/Autophagy Modulation (Supervisor: Prof. Dr. Ahmet Ayar, Karadeniz Technical University, Faculty of Medicine and Institute of Health Sciences, Department of Physiology, Trabzon, Turkey)</p>
Nfr2-related methodologies/ infrastructure/ equipment	<p><i>in vitro</i> neural cell culture equipments <i>in silico</i> molecular modelling &amp; docking</p>
Available sample collections/datasets; interested in sharing; yes/no	
Available cohorts/ ongoing/planned human studies/grant applications	
Interested in STSM: outgoing/hosting (year 1/later); yes/no	outgoing, yes