



# NEW TARGETS IN MITOCHONDRIA

Minisymposium organized by Warsaw's Branch:  
Polish Biochemical Society and Polish Biophysical Society

**October 3, 2018**

**VENUE: Nencki Institute of Experimental Biology – Neurobiology Centre Conference Hall**

Pasteura 3, 02-093 Warsaw

9 <sup>55</sup>	Opening by organizers: Dr hab. Piotr Bednarczyk
SESSION 1 - Chair: Prof. dr hab. Adam Szewczyk	
10 <sup>00</sup> -10 <sup>30</sup>	Prof. dr hab. <b>Frantisek Kolar</b> , Institute of Physiology, AS CR Mitochondrial involvement in cardioprotection induced by chronic hypoxia.
10 <sup>30</sup> -10 <sup>45</sup>	Dr <b>Malgorzata Beręsewicz</b> , Mossakowski Medical Research Centre, PAS Ischemia/reperfusion-induced translocation of PKC $\beta$ II to mitochondria results in endogenous neuroprotection. A potential neuroprotective strategy.
10 <sup>45</sup> -10 <sup>55</sup>	Mgr <b>Aleksandra Sęk</b> , Nencki Institute of Experimental Biology PAS and Faculty of Chemistry, UW Potassium channels in the human bronchial epithelial mitochondria.
10 <sup>55</sup> -11 <sup>10</sup>	Dr <b>Jędrzej Szymański</b> , Nencki Institute of Experimental Biology, PAS Drp1 mediated mitochondrial fission - insight from live cell imaging.
11 <sup>10</sup> -11 <sup>25</sup>	Mgr <b>Marcin Chodkowski</b> , Warsaw University of Life Sciences, SGGW Human herpesvirus type 1 and type 2 disrupt mitochondrial dynamics in human keratinocytes.
11 <sup>25</sup> -12 <sup>00</sup>	Coffee break
SESSION 2 - Chair: Dr hab. Grażyna Mosieniak	
12 <sup>00</sup> -12 <sup>30</sup>	Prof. dr hab. <b>Grzegorz Litwinienko</b> , Faculty of Chemistry, UW Natural chain-breaking antioxidant in model systems: solvent effects, the role of matrix and interfacial phenomena.
12 <sup>30</sup> -12 <sup>45</sup>	Dr <b>Dominika Malińska</b> , Nencki Institute of Experimental Biology, PAS Mitochondria and oxidative stress in mouse model of Glycogen Storage Disease type IV.
12 <sup>45</sup> -13 <sup>00</sup>	Dr <b>Michał Wasilewski</b> , Laboratory of Mitochondrial Biogenesis, CeNT UW MitoRUSH, microscopy approach to mitochondrial protein import in mammalian cells.
13 <sup>00</sup> -13 <sup>15</sup>	Dr <b>Dorota Dymkowska</b> , Nencki Institute of Experimental Biology, PAS Mitochondrial biogenesis as a rescue mechanism in the response of endothelial cells to proinflammatory stimulation.
13 <sup>15</sup> -13 <sup>25</sup>	Mgr <b>Rafał Kampa</b> , Warsaw University of Life Sciences, SGGW and Nencki Institute of Experimental Biology, PAS Flavonoids as natural regulators of the mitochondrial potassium channels.
13 <sup>25</sup> -14 <sup>00</sup>	Coffee break
SESSION 3 - Chair: Dr hab. Piotr Koprowski	
14 <sup>00</sup> -14 <sup>30</sup>	Prof. dr hab. <b>Marek Naruszewicz</b> , Faculty of Pharmacy, Medical University of Warsaw Oleacein reduced formation of foam cells from human macrophages by decreasing expression of scavenger receptors.
14 <sup>30</sup> -14 <sup>45</sup>	Dr hab. <b>Grażyna Mosieniak</b> , Nencki Institute of Experimental Biology, PAS Induction of cellular senescence as a novel mechanism of anticancer activity of curcumin.
14 <sup>45</sup> -15 <sup>00</sup>	Dr <b>Carlo Vascotto</b> , Laboratory of Mitochondrial Biogenesis, CeNT UW DNA repair protein APE1 degrades dysfunctional abasic mRNA in mitochondria.
15 <sup>00</sup> -15 <sup>10</sup>	Mgr <b>Shur Kucman</b> , Nencki Institute of Experimental Biology, PAS Characteristics of mitochondrial potassium channel formed by BK-DEC splice variant.
15 <sup>10</sup> -15 <sup>25</sup>	MSc <b>Ines Simoes</b> , Nencki Institute of Experimental Biology, PAS New insights about the role of mitochondria and oxidative stress in development of Non-Alcoholic Fatty Liver Disease.
15 <sup>25</sup> -15 <sup>30</sup>	Closing: Dr hab. Piotr Bednarczyk

**Organizers:** Dr hab. Piotr Bednarczyk, mgr Aleksandra Sęk, mgr Rafał Kampa

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**FREE PARTICIPATION**

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