

Nencki Institute of Experimental Biology

The "Excellence of the Year" award for products developed in cooperation with the Nencki Institute

2019-11-13



On the 4th November, Twój STYL magazine announced the results of the 25th edition of the "Excellence of the Year" competition, the largest and most prestigious cosmetic competition in Poland. This year's award for the category of Exclusive Polish Cosmetics - Face Care, was granted to Dr Irena Eris AUTHORITY series, resulting from the implementation of the National Centre for Research and Development project PBS1/B8/1/2012. The beneficiaries of the project were the Nencki Institute of the Polish Academy of Sciences (Laboratories headed by Prof. Jerzy Duszyński and Prof. Adam Szewczyk), and

the Dr Irena Eris Centre for Science and Research. The cooperation resulted in the introduction of 10 products to the market, along with obtaining a patent.

Moreover, the following publications were published, presenting the results of the research:

- Kampa RP, Kicinska A, Jarmuszkiewicz W, Pasikowska-Piwko M, Dolegowska B, Debowska R, Szewczyk A, Bednarczyk P. (2019) Naringenin as an opener of mitochondrial potassium channels in dermal fibroblasts. *Exp Dermatol.* 28(5): 543-550.
- Bednarczyk P, Kicinska A, Laskowski M, Kulawiak B, Kampa R, Walewska A, Krajewska M, Jarmuszkiewicz W, Szewczyk A. (2018) Evidence for a mitochondrial ATP-regulated potassium channel in human dermal fibroblasts. *Biochim Biophys Acta Bioenerg.* 1859(5): 309-318.
- Kicinska A, Augustynek B, Kulawiak B, Jarmuszkiewicz W, Szewczyk A, Bednarczyk P. (2016) A large-conductance calcium-regulated K⁺ channel in human dermal fibroblast mitochondria. *Biochem J.* 473(23): 4457-4471.
- Toczyłowska-Mamińska R, Olszewska A, Laskowski M, Bednarczyk P, Skowronek K, Szewczyk A. (2014) Potassium channel in the mitochondria of human keratinocytes. *J Invest Dermatol.* 134(3): 764-772