



Curriculum Vitae

Marek Konarzewski

Born: 18.06.1961, Białystok, Poland

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Education

D.Sc. 1995. Institute of Ecology, Polish Academy of Sciences.

Ph.D. 1990. Institute of Ecology, Polish Academy of Sciences.

M.Sc. 1985. Department of Biology, University of Warsaw, Branch in Białystok.

Professional Experience

2008-2013 Minister-Counselor, the Embassy of Poland, Washington D.C.

2005- 2013 Professor, Mammal Research Institute PAS

2004- present Professor, Institute of Biology, University of Białystok

1997-2004 Assistant Professor, Institute of Biology, University of Białystok.

Research interests

Evolutionary ecology and physiology, eco-physiology and quantitative genetics of vertebrates. In particular: (1) Evolution of physiological constraints of energy budgets (2) Quantitative and molecular genetics of metabolic and life history traits (3) Evolution of body size and genome size (4) Phenotypic plasticity of post-embryonic development. (5) Trade-offs related to the costs of immune response.

Honors and Awards

2013- Honorary Doctorate awarded by Karol Marcinkowski Medical University, Poznań

2010- Corresponding Member of Polish Academy of Science

1996- Present Member of Committee of Theoretical and Evolutionary Biology, Polish Academy of Sciences

2010- Present Member of Committee of Ecology, Polish Academy of Sciences

1997- Prime Minister of Republic of Poland Award

1990- Distinguished Achievement Award, Committee of Ecology, Polish Academy of Sciences

Recent research grants

2002-2005- "Effect of artificial selection on maximum metabolic rate and post-stress analgesia in house mouse ". PI.

2002-2005- "Mechanisms of intraspecific body size optimisation". Co-PI
2005-2008 „Variation of body size and metabolic rate in weasel (*Mustela nivalis*)". Co-PI.
2008-210. "Effect of individual variation of body mass and metabolic rate on fitness of root vole". Co-PI
2008-210. "Allometries of metabolic rate as a by-product of the relation between genome and cell size" PI.
2015-2017. Brain size and cognitive abilities of laboratory mice selected for divergent rate of basal and or maximal metabolic rate. PI.

Journal Editor

2000-2008 Editorial Board Member of *Zoology* (Elsevier)

http://www.elsevier.com/wps/find/journaldescription.cws_home/701811/description#description

2008- present Editorial Board Member of *Functional Ecology* (Blackwell)

<http://www.functionalecology.org/view/0/editorialboard.html>

2014- Editorial Board Member of [Physiological and Biochemical Zoology](#)

Publications

Web of Science: total of >90 referenced abstracts, primary papers and book chapters, 2400 citations, H-index=27. For bio and full list of publications see: <https://biologia.biol-chem.uwb.edu.pl/pracownicy/marek-konarzewski-33/>