

Katarzyna Leźnicka

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Education

2018 habilitation in Physical Culture Science – University of Physical Education in Poznan, Poland, Subject of habilitation thesis: *Physiological, psychological and genetic aspects of pain perception at martial arts athletes.*

1997 PhD in Physical Culture Science – University of Physical Education in Poznan, Poland, Dissertation: *Bone mass and mineral density of persons with increased physical activity.*

1992 MS in Physical Education – Szczecin University, Department Physical Culture, Poland, Master's thesis: *Interests in physical education, sport and tourism of minors staying in temporary isolation at the Police Children's Chamber in Szczecin.*

Employment

since 2019 associate professor – University of Physical Education and Sport in Gdansk, Department of Molecular Biology, Poland,

2018-2019 Ph.D. University of Physical Education and Sport in Gdansk, Department of Anatomy and Anthropology, Poland

2012-2018 Ph.D. - University of Szczecin, Faculty of Physical Education and Health Promotion, Department of Functional Anatomy and Biometry

2000-2011 District Manager, Sanofi - Synthelabo Sp.z o.o.

1998-2000 Ph.D. - University of Szczecin, Faculty of Physical Education and Health Promotion, Department of Functional Anatomy and Biometry

1992-1997 Assistant - University of Szczecin, Faculty of Physical Education, Department of Anatomy

Functions

Faculty Coordinator of the 17th West Pomeranian Science Festival in 2017;
Thematic editor "Physical activity in humans at different ages" since 2017

Membership in scientific organizations and editorial boards of journals

since 2017 member of International Association of Sport Kinetics
since 2016 member of Polish Anthropological Society
since 2016 member of Polish Society of Genetics

Scientific cooperation with other scientific institutions

Department of Experimental and Clinical Pharmacology Pomeranian Medical University in Szczecin - cooperation on the project: *"Impact of CB1, CB2, COMT, IL1, IL2, IL6, IL1Ra, GCH1 gene polymorphisms on the risk of chronic neuropathic and receptor pain"*

Department of Orthopaedics and Traumatology Pomeranian Medical University in Szczecin - cooperation on the project: *"Assessment of the relationship between the inflammatory response and genetic conditions and the demand for analgesics in patients with metabolic syndrome after hip and knee replacement"*.

Research interest

Pain – physiological and psychological aspects of pain sensitivity, genetic determinants of pain, influence of physical activity on the pain in athletes;
Anthropometrics,
Injuries in sport
Physiotherapy in sport