

IAR&FR PAS Olsztyn

Discipline: animal science and fisheries:

1. „Proteomic insights into the mechanism of the acrosome reaction in sturgeon (*Acipenser baerii*) spermatozoa”
Supervisor: Mariola Dietrich, Ph.D., D.Sc.
2. The role of T helper 1 and 2 subsets in the pathogenesis of endometriosis in mare.
Project PI – Anna Szóstek-Mioduchowska, Ph.D.
Supervisor – prof. Dariusz Skarżynski, DVM, Ph.D, Dr.Sci.
3. „Mitochondrial and metabolic changes during early embryo development in vitro – searching for the molecular markers of bovine oocyte quality”
Supervisor: Izabela Wocławek-Potocka, Prof. DVM

Discipline : nutrition and food technology

1. „Studies of the degradation and absorption processes of anthocyanins from the newly designed models of food products in the context of their health-promoting properties”
Supervisor: Wiesław Wiczowski, Ph.D., D.Sc.
2. Antibody-redox active molecule conjugates as platform for simultaneous electrochemical determination of low density lipoprotein (LDL) and oxidized low density lipoprotein (oxLDL).
Supervisor: Iwona Grabowska, Ph.D., D.Sc.
3. The effect of anthocyanins and elagotannins on the mechanisms associated with development of non-alcoholic fatty liver.
Project PI: Bartosz Fotschki, PhD
Supervisor: Jerzy Juśkiewicz, Prof., D.Sc.