

The Institute of Genetics and Animal Biotechnology of the Polish Academy of Sciences announces the start of recruitment to the Doctoral School of Animal Sciences and Food Safety (Recruitment Schedule 2020/2021).

September 1, 2020	Commencement of the recruitment procedure for the academic year 2020/2021
September 1-11, 2020	Submitting documents to the IGAB PAS or PIWET-PIB office
September 16-18, 2020	Presentations of candidates' research interests and interviews
September 22, 2020	Announcement of the results of the recruitment procedure

Proposed research topics (2020/2021 academic year):

Discipline: animal science and fisheries

IGBZ PAN

1. Therapeutic possibilities of HMMR antagonist application in a mouse model of atherosclerosis and arterial hypertension.
2. Molecular mechanisms of iron transport through the placenta and regulation of iron metabolism in newborn domestic pigs and wild boar: comparative studies.
3. Identification and functional characterization of mtDNA mutations in malignant tumors of mammary gland in dogs based on genomic, epigenomic and proteomic studies.
4. Role of microbiome in Schizophrenia.
5. Mechanisms of trophectoderm differentiation in preimplantation rabbit embryos.
6. Welfare and behaviour of meat poultry reared in extensive production system.

Discipline: veterinary

PIWET-PIB

1. *In-vitro* and *in-vivo* studies of mycotoxin-binding sorbents in feedingstuffs