

**HONORARY PATRONAGE OF  
THE RECTOR OF WARSAW UNIVERSITY OF LIFE SCIENCES-SGGW**

**Department of Preclinical Sciences  
Laboratory of Veterinary Epidemiology and Economics  
Institute of Veterinary Medicine  
Warsaw University of Life Sciences-SGGW**

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**Polish Society for Veterinary Sciences  
and  
Section of Equine Physiology and Pathology  
of Polish Society for Veterinary Sciences**

# **DIAGMOL 2019**

## **Program of the XX Conference**

**"Molecular biology in diagnostics of infectious diseases and biotechnology"  
Warsaw University of Life Sciences-SGGW, Crystal Hall, 23 November, 2019**

**10:00**            **Conference opening** [dr hab. Małgorzata Gieryńska]

**10:05**            **Welcome** [prof. dr hab. Marian Binek]

➤ **Session I - Plenary lectures**

[Chair: prof. dr hab. Marcin W. Bańbura]

**10:15**            Professor Barry T. Rouse, University of Tennessee, Knoxville, USA:  
*Re-setting immune response patterns to minimize tissue damaging responses  
to virus infections*

**10:45**            Professor Adam Jaworski, University of Social Sciences, Łódź:  
*CRISPR/Cas9 – revolutionary gene editing method (hopes, concerns,  
dilemmas and threads)*

**11:15**            **Coffee Break**

**11:45**            Professor Wiesław W. Jędrzejczak, Medical University of Warsaw, Warszawa:  
*From CHIP to acute myeloid leukemia*

**12:15**            Doctor Nicole de Buhr, University of Veterinary Medicine, Hanover:  
*Role of neutrophil extracellular traps in infections of animals and humans*

**12:45 – 13:30**            **Lunch / Poster Session**

## ➤ Session II Young Scientists - Selected Presentations & Discussion

[prof. dr hab. Iwona Markowska-Daniel, dr hab. Anna Cywińska, prof. uczelni,  
dr hab. Anna Duszewska, prof. uczelni]

**13:30 – 15:30** 12 oral presentations selected by Scientific Committee (alphabetical order)

*Duration of each presentation 10 min.*

- First isolation of porcine epidemic diarrhea virus (PEDV) from domestic pigs in Poland  
- mgr inż. Marta Antas
- Culture-based studies on fungal skin biota in healthy and diseased dogs  
- mgr Iwona Dąbrowska
- Whole genome sequencing of feline strain of *Tritrichomonas foetus* reveals massive genetic differences to bovine and porcine isolates  
- mgr inż. Joanna Dąbrowska
- Application of PFGE method in molecular typing of *Staphylococcus aureus* strains isolated from patients with tracheostomy  
- Kamil Drożdż
- Expression of trematode fatty acid binding-proteins in yeast and examination of their immunogenic potential  
- mgr inż. Alicja Kalinowska
- Comparative analysis of excretory-secretory antigens of *Anisakis simplex*, *Pseudoterranova decipiens* and *Contracaecum osculatatum* regarding their applicability for specific serodiagnosis of human anisakidosis based on IgG-ELISA  
- lek. wet. Maciej Kochanowski
- Occurrence of virulence factor genes in *Trueperella pyogenes* strains associated with infections in European bison (*Bison bonasus*)  
- mgr Ewelina Kwiecień
- Knockdown of Syk and Hrs in murine astrocytes alters immune response following TLR3 stimulation  
- lek. wet. Matylda B. Mielcarska
- Prevalence and characteristic of *Campylobacter jejuni* isolated from pets from Warsaw and the surrounding area  
- mgr inż. Małgorzata Murawska
- Gene expression profile in SRLV-seropositive dairy goat - the first study using *Capra hircus* microarrays in Poland  
- dr hab. Joanna Pławińska-Czarnak
- HHV-1 and HHV-2 induce accumulation of the amyloid- $\beta$ -peptide in primary murine neurons  
- mgr inż. Izabela Serafińska
- Analysis of microbiome from mud volcanoes in Georgia (*Caucasus*)  
- dr Paulina Żarnowiec

**15:30**            **Discussion**

**≈ 16:00**        **Conference closing** [dr hab. Małgorzata Gieryńska]