

Curriculum vitae

Justyna Liberska

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Date of birth: 17th March 1990

March 24-26, 2021	14th International Symposium on Ticks and Tick-borne Diseases, the digital meeting
April 11-13, 2020	V th International Conference on Research and Education Poznan, Poland
July 27- August 08, 2019	The 7 th International Summer School of Field Parasitology Chilia Veche, Danube Delta, Romania
July 01-27, 2019	Scholarship "Smart mobility – interdisciplinary training abroad" (POWR.03.02.00-00-I006/17), Department of Parasitology and Parasitic Diseases, Faculty of Veterinary Medicine, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania
April 11-13, 2019	The BIORUN conference - Development, University, Science, POWR.03.02.00-00-I006/17, Poznan, Poland
March 28-30, 2019	The 13 th International Symposium on Ticks and Tick-borne Diseases, Weimar, Germany
2018- present	Participation in the project "Passport to the future - Interdisciplinary doctoral studies at the Faculty of Biology of the Adam Mickiewicz University"; no. POWR.03.02.00-00-I006/17
April 3-8, 2017	The IV th International Conference on Research and Education Poznań, Poland,
2017	The 35 th Symposium of Polish Society of Acarology, Zielonka, Osieck Poland
2016,2018,2019	The 18 th , 20 th , 21 st International Symposium Parasitic and Allergic Arthropods - Medical and Sanitary Significance Janowiec nad Wisłą, Poland
August 3-19, 2016	The 26th Jyväskylä Summer School, University of Jyväskylä, Finland
2016, 2018	The 55 th , 57 th Clinical Day of Medical Parasitology, Łódź, Poland
2016,2017	Night of Biologists, Faculty of Biology, Adam Mickiewicz University,Poznań, Poland
2016,2017,2018	Poznan Festival of Science and Art, Faculty of Biology, Adam Mickiewicz University, Poznań, Poland

Memberships:

2017-present	Polish Society of Acarology
2015-present	Polish Parasitological Society
2015- 2017	Association for PhD Candidates and PhD Career Development PolDoc
2015-2017	Invertebrates Research Section of Students' Scientific Association, UAM

Publications:

- Liberska J., Michalik J., Pers-Kamczyc E., Wierzbicka A., Lane S. R., Rączka G., Opalińska P., Skorupski M., Dabert M., Prevalence of *Babesia canis* DNA in *Ixodes ricinus* ticks collected in forest and urban ecosystems in west-central Poland, Ticks and Tick-Borne Diseases, under review
- Michalik J., Wodecka B., Liberska J., Dabert M., Postawa T., Piksa K., Stanczak J., 2019, Diversity of *Borrelia burgdorferi* sensu lato species in Ixodes ticks (Acari: Ixodidae) associated with cave-dwelling bats from Poland and Romania, Ticks and Tick-Borne Diseases, DOI: 10.1016/j.ttbdis.2019.101300

Communications on Meetings:

- Liberska J., Michalik J., Dabert M., *Borrelia* species in Ixodes ricinus ticks collected from dogs and cats of the city of Poznań, west-central Poland, 14th International Symposium on Ticks and Tick-borne Diseases, 24-26 March, the digital meeting
- Liberska J., Trzebny A., Dabert M. "Tick- borne pathogens in questing Ixodes ricinus ticks inhabiting urban green spaces in Poznan" poster presented at PhD students conference BIORUN- Development, University, Science, POWR.03.02.00-00-I006/17, Poznan, Poland, April 11-13, 2020)
- Liberska J., Dabert M., "The role of the Ixodes ricinus tick as a vector of *Babesia canis*" (oral presentation at The 21st International Symposium Parasitic and Allergic Arthropods - Medical and Sanitary Significance, Janowiec nad Wisłą, June 4-6, 2019
- Trzebny A., Liberska J., Słodkiewicz- Kowalska A., Dabert M., "Molecular identification of *Encephalitozoon* microsporidia in juvenile ticks", (poster presented at PhD students conference BIORUN- Development, University, Science, POWR.03.02.00-00-I006/17, Poznan, Poland, April 11-13, 2019)
- Liberska J., Trzebny A., Michalik M., Sikora B., Stańczak J., Dabert M., "First report of *Babesia microti* and *B. canis* in hedgehog blood" (poster presented at 13th International Symposium on Ticks and Tick-borne Diseases, Weimar, Germany, March 28-30, 2019)
- Michalik J., Wodecka B., Liberska J., Dabert M., Postawa T., Stańczak J., Szubert-Kruszyńska A., "High species diversity of Lyme disease spirochetes in *Ixodes ariadnae* ticks collected from four *Myotis* species bats in Poland" (poster presented at 13th International Symposium on Ticks and Tick-borne Diseases, Weimar, Germany, March 28-30, 2019)
- Liberska J., " Co-occurrence of bacteria from genus *Borrelia* with other microorganisms in *Ixodes ricinus* ticks" (oral presentation of the main theses of the doctoral dissertation, The Institute of Environmental Biology, Poznan, Poland, March 08, 2019
- Liberska J., Trzebny A., Dabert M., "Detection of microbial diversity in ticks using V4 16S rDNA metagenome sequencing" (poster presented at Third National Scientific Symposium - "Metagenomes of various environments", Lublin, Poland, June 28-29, 2018)
- Liberska J., Dabert M., "Coexistence of *Borrelia* and *Babesia* spp. in *Ixodes ricinus* collected from domestic animals in Poznan" (oral presentation at The 57th Clinical Day of Medical Parasitology "Parasitic diseases and mycoses - the current public health problem" Łódź, Poland, June 15, 2018)
- Liberska J., Trzebny A., Dabert M., "Pathogenic bacteria occurring in coinfection with *Babesia* in questing ticks from city parks in Poznan", (poster presented at The 20th International

Symposium Parasitic and Allergic Arthropods - Medical and Sanitary Significance, Janowiec nad Wisłą, Poland, June 05-07, 2018)

- Dabert M. , Bialik S. , Liberska J. , Trzebny A. , Michalik J., “Molecular revolution on monitoring of zoonoses: the pros and cons of the host’s blood analysis with regard to hedgehogs (*Erinaceus*)” (oral presentation at The 20th International Symposium Parasitic and Allergic Arthropods - Medical and Sanitary Significance, Janowiec nad Wisłą, Poland, June 05-07, 2018)
- Liberska J., Trzebny A., Bialik S., Michalik J., Dabert M., “Detection of pathogenic microorganisms in host blood by sequencing rDNA metagenomes” (oral presentation at Second National Scientific Symposium - "Metagenomes of various environments", Lublin, June 29-30, 2017)
- Michalik J., Sikora B., Stańczak J., Piłacińska B., Bialik S., Liberska J., “European hedgehogs (*Erinaceus europaeus*) inhabiting sylvatic ecosystems in west-central Poland maintain the circulation of Lyme disease spirochetes” (poster presented at IVth International Conference on Research and Education Poznań, Poland, April 3-8, 2017)
- Liberska J., Trzebny A., Sobczyńska U., Dabert M., “Domain D1 of the 28S rRNA gene as a tool for the detection of tick-borne pathogens” (poster presented at XXXV Symposium of Polish Society of Acarology, Osieck, May 24-27, 2017)
- Liberska J., “Tick-borne pathogens hazards in urban agglomerations” (oral presentation at General Meeting of Members of the Poznań Section of the Polish Parasitological Society, Poznań, November 24, 2016)
- Liberska J., Sobczak U., Dabert M., “Application of 16S rRNA and 28S rRNA metagenome analysis to identification of tick-borne pathogens” (poster presented at The 18th International Symposium Parasitic and Allergic Arthropods - Medical and Sanitary Significance, Janowiec nad Wisłą, Poland, June 07-09, 2016)
- Liberska J., Dabert M., “Prevalence of tick-borne pathogens in meadow tick (*Dermacentor reticulatus*) collected in Poznań and the surrounding area” (oral presentation at The 55th Clinical Day of Medical Parasitology "Clinical cases of parasitoses and fungal infections important from medical and veterinary point of view " Łódź, Poland, June 03, 2016)

Scholarship/ Summer schools:

- The 7th International Summer School of Field Parasitology Chilia Veche, Danube Delta, Romania July 28- August 08, 2019
- Scholarship “Smart mobility – interdisciplinary training abroad” (POWR.03.02.00-00-I006/17) at Department of Parasitology and Parasitic Diseases, Faculty of Veterinary Medicine, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania, supervisor of a scientific internship: Professor Andrei Daniel Mihalca, July 1-27, 2019
- University of Jyväskylä, Finland, 26th Jyväskylä Summer School, August 3-19, 2016

Trainings:

- “Effective Scientific Communication - how to improve the art of writing scientific texts and their promotion” Poznań, November 12, 2018
- „Numerical ecology” Poznań, May 8-13, 2017

Languages:

- Good level of written and spoken English
- Elementary Russian
- Elementary Italian

Skills:

- basic knowledge of bioinformatics tools: FinchTV, Chromas, GeneDoc, ClustalW, BLAST, Geneious
- conversant with basic molecular biology techniques: DNA isolation, DNA cloning, real-time PCR, PCR, Sanger sequencing
- conversant with Ion Torrent PGM sequencing
- morphology, life cycles and development stages of tick (Ixodida) species
- methods of ticks and mosquito collecting
- necropsies of wild animals

Interests:

- Parasitology- transmission and epidemiology of zoonoses
- Decorative techniques decoupage and scrapbooking
- Yoga (ashtanga vinjasa joga, yin joga)