

| | |
|--|---|
| Name and surname: | Krzysztof Rypuła |
| Academic Degree: | prof. dr hab. (Prof.) |
| Institute/Department: | Department of Epizootiology with Exotic Animal and Bird Clinic |
| e-mail address: | krzysztof.rypula@upwr.edu.pl |
| ORCID: | 000-0003-3884-4834 |
| UPWr Base of Knowledge - link: | https://bazawiedzy.upwr.edu.pl/info/author/UPWr4251ec583da49d7bf6ff206e33c343e?r=author&tab=&title=Profil%2Bosoby%2B%25E2%2580%2593%2BKrzysztof%2BRypu%25C5%2582a%2B%25E2%2580%2593%2BUniwersytet%2BPrzyrodniczy%2Bwe%2BWroc%25C5%2582awiu&lang=pl |
| Researchgate: | |
| Personal website / Working group website: | |
| Participation in projects in last 5 years (chronological; with distinction into PI (kierownik) and RF (wykonawca)): | <ul style="list-style-type: none"> ● 2018 – 2019 – Field clinical study to assess the safety and efficacy of veterinary products in calves. The financing name of the financing agency is VIRBAC, decision number F-468.000000-60001, amount awarded: EUR 8,200, PI. ● 2017 – present – awarded grant titled Isolation of field strains of Campylobacter jejuni, microbiological identification. Task: PCR tests enabling the identification of genes responsible for virulence and typing of a candidate strain representative for the needs of the project. Financing: name of the financing agency NCBiR, name of the POIR program, decision number: POIR.01.01.01-00-0422/16, amount granted: PLN 3,427,187.94 (task amount: PLN 94,018.84), PI. ● 2019 – 2022 – Grant awarded for Innovative cattle breeding methods to obtain the best quality Lower Silesian beef. Task: Tests for the presence of infectious diseases. Financing name of the EAFRD financing agency, name of the EAFRD program, decision number 00006/DDD.6509.00003.2018.01, awarded amount PLN 1,241,343.37 (task amount PLN 9,000.00), task PI. ● 2023 - CrossNet - Cross-border network to strengthen cross-sectoral innovation excellence towards One Health [D211/0009/23] Project manager at UPWr: Krzysztof Rypuła, start date 28/09/2023, end date 28/11/2023, in progress |
| Do you plan to engage support of second supervisor or auxiliary supervisor? | YES |
| | Auxiliary supervisor |
| Name and surname: | Małgorzata Klimowicz-Bodys |
| Academic Degree: | dr (Dr.) |
| Faculty, Institute/Department: | Department of Epizootiology and Clinic with Birds and Exotic Animals |
| e-mail address: | malgorzata.klimowicz-bodyw@upwr.edu.pl |
| ORCID: | 0000-0002-8596-0822 |
| UPWr Base of Knowledge - link or most important publications from last 3 year (JCR) / patents from last 3 years (maximum 5): | https://bazawiedzy.upwr.edu.pl/info/author/UPWr44f3a5cb29264737968ef0dd2f0cd5fa?r=author&tab=&title=Profil%2Bosoby%2B%25E2%2580%2593%2BMa%25C5%2582gorzata%2BKlimowicz-Bodys%2B%25E2%2580%2593%2BUniwersytet%2BPrzyrodniczy%2Bwe%2BWroc%25C5%2582awiu&lang=pl |
| Researchgate: | |
| Personal website / Working group website: | |
| Projects in last 5 years (chronological; with distinction into PI (kierownik) and RF (wykonawca)): | Epidemiology of Capnocytophaga canimorsus bacteria in the dog population in the city of Wrocław. [N010/0004/22] PI: Małgorzata Klimowicz-Bodys, start date 01/06/2022, end date 31/12/2023 |

| | |
|---|---|
| PhD topic: | Epidemiological characteristics of the oral microbiome of dogs, with particular emphasis on Capnocytophaga spp and Bergeyella zoohelcum |
| Research discipline in Doctoral School: | Veterinary Science |
| Short description of the research problem to be solved in the PhD (minimum 1000 characters): | <p>The topic of the research is the assessment of the oral microbiome in dogs, with particular emphasis on two particularly pathogenic zoonotic bacteria, Capnocytophaga spp and Bergeyella zoohelcum, both in healthy animals - showing no symptoms of oral diseases and in animals with symptoms of oral diseases.</p> <p>Swabs from the oral cavity will be obtained for testing, and post-mortem material (scrapings of the oral mucosa) will be collected in the case of dead animals. Additionally, swabs from bite wounds will be collected from animals. The collected material will be subjected to next-generation sequencing (NGS). For strains considered pathogenic or conditionally pathogenic, sensitivity to chemotherapeutics will be assessed, considering the minimum inhibitory concentrations of chemotherapeutics (MIC), both commonly used in veterinary medicine and human medicine.</p> <p>In addition, an epidemiological analysis of the pathogenic potential of isolated microorganisms will be carried out, taking into account the place of isolation, and risk factors will be determined for animal owners and the animals themselves, which may be a potential source of infection and spread of zoonotic infectious agents.</p> |
| Professional skills for PhD candidate (e.g. master program, specializations, softwares, language, analytical techniques, minimum 500 characters): | <p>Completed studies in veterinary medicine. The candidate should demonstrate an interest in advancing veterinary science and demonstrate scientific activity during studies, including taking part in scientific conferences and having experience writing scientific studies. Membership in a student club science while studying. The candidate should speak English at least at the B2 level.</p> <p>Experience in working in a microbiological laboratory and an internship abroad are welcome. Previous experience in the subject of research covered by the doctorate is required.</p> |
| a) Project title: | no |
| b) Agreement number: | no |
| c) Number of months in the project to support PhD student (in months; starting from 1st of October 2024): | 0 |
| Project website: | |