Candidate supervisor's information summary form

maximum 2 pages – it should be a summary of most important achievements

Name and surname, degree, title: Piotr Bąska PhD	
Discipline/ disciplines of science	Veterinary
Professional development (degrees and titles) in chronological order	Habilitation - 2019 PhD - 2011 MSc - 2006
Most important publications/patens over the last 3 years (maximum 10)	• Słońska A, Cymerys J, Chodkowski M, Bąska P, Krzyżowska M, Bańbura MW. Human herpesvirus type 2 infection of primary murine astrocytes causes disruption of the mitochondrial network and remodeling of the actin cytoskeleton: an in vitro morphological study. Arch Virol. 2021 May;166(5):1371-1383. doi: 10.1007/s00705-021-05025-x. Epub 2021 Mar 14. PMID: 33715038. • Buffoni L, Piva MM, Baska P, Januszkiewicz K, Norbury LJ, Prior KC, Dezen D, Silva AS, Wedrychowicz H, Mendes RE. Immunization with the recombinant myosin regulatory light chain (FhrMRLC) in Adjuplex® adjuvant elicits a Th1-biased immune response and a reduction of parasite burden in Fasciola hepatica infected rats. Parasitol Int. 2020 Apr;75:102037. doi: 10.1016/j.parint.2019.102037. Epub 2019 Dec 10. PMID: 31841659. • Witkowska-Piłaszewicz O, Bąska P, Czopowicz M, Żmigrodzka M, Szarska E, Szczepaniak J, Nowak Z, Winnicka A, Cywińska A. Anti-Inflammatory State in Arabian Horses Introduced to the Endurance Training. Animals (Basel). 2019 Aug 27;9(9):616. doi: 10.3390/ani9090616. PMID: 31462005 Free PMC article. • Norbury LJ, Basałaj K, Bąska P, Zawistowska-Deniziak A, Kalinowska A, Wilkowski P, Wesołowska A, Wędrychowicz H. Generation of a single-chain variable fragment phage display antibody library from naïve mice panned against Fasciola hepatica antigens. Exp Parasitol. 2019 Oct;205:107737. doi: 10.1016/j.exppara.2019.107737. Epub 2019 Aug 8. PMID: 31401060. • Witkowska-Piłaszewicz O, Bąska P, Czopowicz M, Żmigrodzka M, Szczepaniak J, Szarska E, Winnicka A, Cywińska A. Changes in Serum Amyloid A (SAA) Concentration in Arabian Endurance Horses During First Training Season. Animals (Basel). 2019 Jun 8;9(6):330. doi: 10.3390/ani9060330. PMID: 31181740 Free PMC article

	• Woźniak A, Miłek D, Bąska P, Stadejek T. Does porcine circovirus type 3 (PCV3) interfere with porcine circovirus type 2 (PCV2) vaccine efficacy? Transbound Emerg Dis. 2019 Jul;66(4):1454-1461. doi: 10.1111/tbed.13221. Epub 2019 May 22. PMID: 31059197. • Bąska P, Zawistowska-Deniziak A, Norbury LJ, Wiśniewski M, Januszkiewicz K. J. Fasciola hepatica Isolates Induce Different Immune Responses in Unmaturated Bovine Macrophages. Vet Res. 2019 Mar 22;63(1):63-70. doi: 10.2478/jvetres-2019-0011. eCollection 2019 Mar. PMID: 30989136 Free PMC article.
Experience in work with doctoral students (defended doctoral dissertations, doctoral programmes opened) in chronological order	• Olga Witkowska-Piłaszewicz: The onset of exercise – induced acute phase response in Arabian horses beginning the endurance training, Institute of Veterinary Medicine. 05-12-2019. Auxiliary promoter.
Project/grants achievements (from the last 10 years)	• Determination of the change in the miRNA profile in human THP-1 macrophages treated with Fasciola hepatica excretion-secretion antigens as a step towards understanding the immunomodulatory properties of this parasite. National Science Centre (Poland). 2017/01/X/NZ6/00475. 2017.09.27 – 2018.09.26. • Assessment of the effect of glycosylation of Fasciola hepatica (*Fh*-ES) Excretion-Secretory antigens on macrophages as a step towards understanding the immunomodulatory properties of this parasite. KNOW Consortium. KNOW2017/SGGW/ESR4/01/1. 2018.01.22 – 2019.03.31
Topic – research problem – for which the candidate supervisor seeks a doctoral student	Investigation of the influence of IL-6 on the course of infection of the canine roundworm (*Toxocara canis*) in mice
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