

Candidate supervisor's information summary form
 maximum 2 pages – it should be a summary of most important achievements

Name and surname, degree, title: Michał Skibniewski, DVM PhD Dr Sc.	
Discipline/ disciplines of science	veterinary
Professional development (degrees and titles) in chronological order	2000 - DVM, Faculty of Veterinary Medicine, Warsaw University of Life Sciences. 2005- PhD. Faculty of Veterinary Medicine, Warsaw University of Life Sciences. 2019- Obtaining habilitation
Most important publications/patens over the last 3 years (maximum 10)	<ol style="list-style-type: none"> 1. Domino M, Borowska M, Zdrojkowski Ł, Jasiński T, Sikorska U, Skibniewski M, Maško M. Application of the Two-Dimensional Entropy Measures in the Infrared Thermography-Based Detection of Rider: Horse Bodyweight Ratio in Horseback Riding. <i>Sensors (Basel)</i>. 2022 Aug 13;22(16):6052. 2. Lasocka I, Szulc-Dąbrowska L, Skibniewski M, Skibniewska E, Gregorczyk-Zboroch K, Pasternak I, Hubalek Kalbacova M. Cytocompatibility of Graphene Monolayer and Its Impact on Focal Cell Adhesion, Mitochondrial Morphology and Activity in BALB/3T3 Fibroblasts. <i>Materials (Basel)</i>. 2021 Jan 30;14(3):643. 3. Skibniewska E.M., Skibniewski M., Kołnierzak M. Muscle selenium content in red deer (<i>Cervus elaphus</i>), roe deer (<i>Capreolus capreolus</i>) and cattle (<i>Bos taurus</i>) from north-eastern Poland. <i>J. Elem.</i>, 2020, 25(2): 621-631. 4. Skibniewski, M., Skibniewska, E.M., Kośła, T. et al. Relationship between Cd and Zn concentration in the kidneys, liver, and muscles of moose (<i>Alces alces</i>) from north-eastern Poland. <i>Environ Sci Pollut Res</i>. 2017. 24, 598–604 5. Skibniewski M, Skibniewska EM, Kośła T, Olbrych K. The Content of Copper and Molybdenum in the Liver, Kidneys, and Skeletal Muscles of Elk (<i>Alces alces</i>) from North-Eastern Poland. <i>Biol Trace Elem Res</i>. 2016 Feb;169(2):204-10. 6. Skibniewski M, Skibniewska EM, Kośła T. The content of selected metals in muscles of the red deer (<i>Cervus elaphus</i>) from Poland. <i>Environ Sci Pollut Res Int</i>. 2015 Jun;22(11):8425-31. doi: 10.1007/s11356-014-4007-0. 7. Skibniewski M, Skibniewska EM, Kośła T., Kołnierzak M. The molybdenum content in the muscles of red deer (<i>cervus elaphus</i>). <i>Acta Sci. Pol. Zootechnica</i> 14(2) 2015, 175–182 8. Skibniewska E, Skibniewski, M, Kosla T. Dependence between Cu concentration in the liver, kidneys and skeletal muscles of canine females" <i>Open Life Sciences</i>, 2012, 5, 2012, 817-824.

	<p>9. Lasocka I, Jastrzębska E, Szulc-Dąbrowska L, Skibniewski M, Pasternak I, Kalbacova MH, Skibniewska EM. The effects of graphene and mesenchymal stem cells in cutaneous wound healing and their putative action mechanism. <i>Int J Nanomedicine</i>. 2019, 1;14:2281-2299.</p> <p>10. Lasocka I, Jastrzębska E, Zuchowska A, Skibniewska E, Skibniewski M, Szulc-Dąbrowska L, Pasternak I, Sitek J, Hubalek Kalbacova M. Graphene 2D platform is safe and cytocompatible for HaCaT cells growing under static and dynamic conditions. <i>Nanotoxicology</i>. 2022 Jun;16(5):610-628.</p>
Experience in work with doctoral students (defended doctoral dissertations, doctoral programmes opened) in chronological order	Supervisor: Dr Norbert Czubaj
Topic – research problem – for which the candidate supervisor seeks a doctoral student	Anatomy, physiology, and pathophysiology of the musculoskeletal system.
Basic expectations towards a candidate for a PhD student	<p>A graduate of the Faculty of Veterinary Medicine / Animal Sciences / Biology with a good command of the English language.</p> <p>Interests in line with the theme of scientific work (research field and laboratory), diligence, conscientiousness, and predisposition to research and teaching.</p>
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