Załącznik nr.2

Paweł Górka, PhD

University of Agriculture in Krakow

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Consultation hours: Monday, 10-11:00 (required e-mail contact before consultation)

Research interest:

- animal nutrition
- gastrointestinal tract physiology
- dairy production
- nutrigenomics

Research experience:

Associate professor, University of Agriculture in Krakow, Department of Animal Nutrition and Biotechnology, and Fisheries, Krakow, Poland (01/2019 – present)

Adjunct, University of Agriculture in Krakow, Department of Animal Nutrition and Biotechnology, and Fisheries, Krakow, Poland (10/2012 – 01/2019)

Post-doctoral fellow, University of Saskatchewan, Department of Animal and Poultry Science, Saskatchewan, Canada (10/2011 – 09/2012)

Young researcher, University of Agriculture in Krakow, Department of Animal Nutrition and Feed Management, Krakow, Poland (10/2010 – 09/2011)

Research assistant, University of Agriculture in Krakow, Department of Animal Nutrition and Feed Management, Krakow, Poland (10/2009 – 09/2010)

PhD student, University of Agriculture in Krakow, Department of Animal Nutrition and Feed Management, Krakow, Poland (10/2005 – 09/2010)

Visiting Scholar

Post-doctoral fellow, University of Saskatchewan, Department of Animal and Poultry Science, Saskatchewan, Canada (10/2011 – 09/2012)

DSc, (Habilitation)

Title: *Effect of exogenous butyric acid and its sodium salt on the structure and functions of the stomach and small intestine in ruminants*
Year: 2019
Institution: University of Agriculture in Krakow

PhD

Title: *The effect of liquid feed type on the development of gastrointestinal tract in calves*
Year: 2010
Institution: University of Agriculture in Krakow

Professional profiles (examples):

ORCID: http://orcid.org/0000-0002-4278-0493
Research ID: http://www.researcherid.com/rid/N-3885-2015
Research Gate: https://www.researchgate.net/profile/Pawel-Gorka
LinkedIn: https://www.linkedin.com/in/pawe%C5%82-g%C3%B3rka-8873b67a/

List of publications:

1. Przybyło, M., S. Dander, K. Krawiec, A. Kloska, Z. M. Kowalski, and P. Górka. 2022. Effect of sugar and starch supplementation on feed intake and nutrient digestibility in addax (*Addax nasomaculatus*) and Reeves's muntjac (*Muntiacus reevesi*). J. Anim. Physiol. Anim. Nutr. 106:194-204. https://doi.org/10.1111/jpn.13568.

2. Burakowska, K., G. B. Penner, J. Flaga, M. Przybyło, J. Barć, J. Wojciechowska-Puchałka, D. Wojtysiak, Z. M. Kowalski, and P. Górka. 2021a. Canola meal or soybean meal as protein source and the effect of microencapsulated sodium butyrate supplementation in calf starter mixture. II. Development of the gastrointestinal tract. J. Dairy Sci. 104:6663-6676. https://doi.org/10.3168/jds.2020-19780.

3. Burakowska, K., G. B. Penner, Ł. Korytkowski, J. Flaga, Z. M. Kowalski, and P. Górka. 2021b. Canola meal or soybean meal as protein source and the effect of microencapsulated sodium butyrate supplementation in calf starter mixture. I. Performance, digestibility, and selected blood variables. J. Dairy Sci. 104:6646–6662. https://doi.org/10.3168/jds.2020-19779.

4. Górka, P., K. Budzińska, W. Budziński, T. Jankowiak, S. Kehoe, and J. Kański. 2021. Effect of probiotic and nucleotide supplementation in milk replacer on growth performance and fecal bacteria in calves. Livest. Sci. 250:104556. https://doi.org/10.1016/j.livsci.2021.104556.

5. Górka, P., Z. M. Kowalski, R. Zabielski, and P. Guilloteau. 2018a. *Invited review:* Use of butyrate to promote gastrointestinal tract development in calves. J. Dairy Sci. 101:4785-4800. https://doi.org/10.3168/jds.2017-14086.

6. Górka, P., B. L. Schurmann, M. E. Walpole, A. Błońska, S. Li, J. C. Plaizier, Z. M. Kowalski, and G. B. Penner. 2017a. Effect of increasing the proportion of dietary concentrate on gastrointestinal tract measurements and brush border enzyme activity in Holstein steers. J. Dairy Sci. 100:4539-4551. https://doi.org/10.3168/jds.2016-12162.

7. Górka, P., B. Śliwiński, J. Flaga, J. Olszewski, P. Nawrocka, K. Sobkowiak, R. Miltko, M. M. Godlewski, R. Zabielski, and Z. M. Kowalski. 2018b. Effect of exogenous butyrate on the gastrointestinal tract of sheep. II. Hydrolytic activity in the rumen and structure and function of the small intestine. J. Anim. Sci. 96:5325-5335. https://doi.org/10.1093/jas/sky368.

8. Górka, P., B. Śliwiński, J. Flaga, J. Olszewski, M. Wojciechowski, K. Krupa, M. M. Godlewski, R. Zabielski, and Z. M. Kowalski. 2018c. Effect of exogenous butyrate on the gastrointestinal tract of sheep. I. Structure and function of the rumen, omasum, and abomasum. J. Anim. Sci. 96:5311-5324. https://doi.org/10.1093/jas/sky367.

9. Plaizier, J. C., P. Azevedo, B. L. Schurmann, P. Górka, G. B. Penner, and E. Khafipour. 2020. The duration of increased grain feeding affects the microbiota throughout the digestive tract of yearling holstein steers. Microorganisms 8:1854. https://doi.org/10.3390/microorganisms8121854.

10. Przybyło, M., J. Hummel, S. Ortmann, D. Codron, G.-M. Kohlschein, D. Kilga, J. Smithyman, U. Przybyło, S. Świerk, S. Hammer, J.-M. Hatt, P. Górka, and M. Clauss. 2019. Digesta passage in nondomestic ruminants: Separation mechanisms in 'moose-type' and 'cattle-type' species, and seemingly atypical browsers. Comp Biochem Physiol A Mol Integr Physiol 235:180-192. https://doi.org/10.1016/j.cbpa.2019.06.010.