Ing. Ivo Doskočil, Ph.D.

ORCID: 0000-0002-7373-1360
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Education and career:

2009 – 2011	Studies at the Czech University of Life Sciences in Prague (CZU), Qualification degree: MSc. in Animal Nutrition and Dietetics
2011 – 2016	PhD. Studies at CZU, Dissertation thesis: Anti-proliferative and Antioxidant Effect of Selected Plant and Mushrooms *in vitro*
2015 – 2017	Technician of the Department of Microbiology, Nutrition and Dietetics, CZU
2017 – Present	Research in the Department of Microbiology, Nutrition and Dietetics, CZU

Professional experience:

Current scientific activities: Biological activity testing – antiradical, cytotoxic, enzyme inhibition assays, adhesion assays, intestinal cells 2D and 3D-based models, wound-healing assay. Adhesion of probiotics to the intestinal 2D model. He published as author or co-author 57 peer-reviewed publications abstracted in WoS (H-index = 17)

Teaching and education activities:
Bachelor Seminar
Basics of Working with Cell Cultures
Diploma Seminar
Food and Nutrition Policy
Micronutrients in Human Nutrition
New Trends in Nutrition and the Food Industry
Nutrients and Nutrient Needs of Humans

Memberships in Professional Societies:
Czech Microbiome Society of the Czech Medical Association of J. E. Purkyně
The Czech Society for Nutrition

Professional internships:
“Belt & Road Initiative" Training programs Shanghai 2019 (2 weeks)

Professional activity:
Investigator of grant no. **GF 21-42021L** (Grant Agency of the Czech Republic, GACR) Sardines and sprats as the potential source of nutrients required for supporting the proper function of the immune system in *in vitro* and *in vivo* models. Co-investigator of 2 grant projects GACR: **GA 21-15621S** Defined minimal microbiota in protection against foodborne pathogen Salmonella enterica; **GF 21-47159L** INPROFF: Quality, Safety and Authenticity of INsect PROtein-Based Food and Feed Products. Co-investigator of 3 grants project (The National Agency for Agriculture Research (NAZV) **QJ1530148** Management of *Varroa destructor* resistance to acaricides improving honeybee (*Apis mellifera*) health. NAZV **QJ1510136** The optimalization of protein nutrition of monogastric animals on basis of seeds of varieties of white lupin (*Lupinus albus*). NAZV **QJ1510163** Identification of wheat grain key nutrition parameters, development of new quality donors and feedstuff improvements for effective

fattening of monogastric). Team member of 3 grants project (COST, Technology Agency of the Czech Republic, Centre of Excellence – NutRisk, METROFOOD-CZ).