

Ing. Ivo Doskočil, Ph.D.

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Education and career:

2009 – 2011 Studies at 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 Department of Microbiology, Nutrition and Dietetics,
CZU

2017 – Present Research of Department of Microbiology, Nutrition and Dietetics, CZU

Professional experience:

Current scientific activities: Biological activity testing – antiradical, cytotoxic, enzyme inhibitions assays, adhesion assays, intestinal cells 2D and 3D based models, wound-healing assay. Adhesion probiotic to intestinal 2D model. He published as author or co-author 32 peer-reviewed publications abstracted in WoS (H-index = 11)

Teaching and education activities:

Food and Beverages and Nutritional Policy
Nutrients and Nutritional Needs of a Human

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).