

Contact:

Department of Medical Chemistry and Biochemistry
Hněvotínská 3
775 15 Olomouc, Czech Republic

Education:

2013 - present *Ph.D. Study*

Department of Medical Chemistry and Biochemistry, Faculty of Medicine, Palacký University,
Olomouc, Czech Republic

2011 - 2013 *Master Study*

Biochemistry, Faculty of Science, Palacký University, Olomouc, Czech Republic

Diploma thesis: Effect of quercetin and taxifolin gallates on angiogenesis *in vitro*

Supervisor: Doc. Ing. Kateřina Valentová, Ph.D.

2007 - 2011 *Bachelor Study*

Biochemistry, Faculty of Science, Masaryk University, Brno, Czech Republic

Bachelor thesis: Characterization of intestinal microflora by culture independent techniques

Supervisor: Doc. RNDr. Ivan Rychlík, Ph.D.

Postgraduate training:

2015 Division of Cancer Research, Medical Research Institute, Jacqui Wood Cancer Centre,
University of Dundee, Scotland, GB

Major Interests:

Biological activity of natural products

Molecular mechanisms of cytoprotective pathways

Recent publication:

Roubalová L., Purchartová K., Papoušková B., Vacek J., Křen V., Ulrichová J., Vrba J.

Sulfation modulates the cell uptake, antiradical activity and biological effects of flavonoids in vitro: An examination of quercetin, isoquercitrin and taxifolin. *Bioorg. Med. Chem.* 2015, 27 (17), 5402-5409.

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English