

PERSONAL INFORMATION

Name Stankova Jarmila

Address Stetovice 94, 79813 Vrbatky, Czech Republic

Telephone 00420 604 642 707

E-mail jarmila.stankova@upol.cz

Nationality Czech

WORK EXPERIENCE

Dates (from – to) 2016 – till now

Occupation or position held Ph.D. student, Research assistant

Main activities and responsibilities **Proteomics** – HPLC-MS; identification of molecular targets, proteomic profiling
Cell analysis – flow cytometry, fluorescent confocal microscopy, live cells imaging

Name and address of employer Institute of Molecular and Translational Medicine, Faculty of Medicine and Dentistry, Palacky University, 779 00 Olomouc, Czech Republic

Type of business or sector University, life sciences

Dates (from – to) July 2014

Occupation or position held **Professional Practice**

Main activities and responsibilities Laboratory work – FISH, immunohistochemistry, Comparative Genomic Hybridization - CGH, real-time PCR

Name and address of employer IntelMed s.r.o., Olomouc

Type of business or sector Biotech

Dates (from – to) July 2013

Occupation or position held **Professional Practice**

Main activities and responsibilities Laboratory work – blood analysis and clinical testing for biochemistry and hematology

Name and address of employer Clinical biochemistry and hematology, Tr. Svobody 32, Olomouc

Type of business or sector The private medical sector, clinical biochemistry and hematology

EDUCATION AND TRAINING

Dates (from – to) 2016 – till now

Title of qualification awarded **Ph.D. student**

Principal subjects/occupational skills covered Proteomics / analytical chemistry / fluorescence microscopy/ cancer cell biology
Thesis: Molecular target identification of cytotoxic drugs by methods of cell biology and proteomics

Name and type of organization providing education and training Institute of Molecular and Translational Medicine, Faculty of Medicine and Dentistry, Palacky University, Olomouc, Czech Republic

Dates (from – to) 2011 – 2016

Title of qualification awarded **Experimental biologist**

Principal subjects/occupational skills covered Medical and chemical biology / analytical chemistry

Name and type of organization providing education and training Faculty of Science, Palacky University Olomouc, Czech Republic

Educational level i(international clasiffication) M.Sc.

TRAINING

Year	2018
Place of training	Vienna, Austria
Name and type of organization providing training	European Proteomics Association
Responsible teachers	Karl Mechtler
Principal subjects/Occupational skills covered	Advanced Practical Proteomics – TMT Quantification, Cross-linking (XL-MS), Targeted proteomics by PRM, Proteome Bioinformatics
Year	2017
Place of training	Stockholm, Sweden
Name and type of organization providing training	Karolinska Institutet, Science for Life Laboratory
Responsible teachers	Massimiliano Gaetani and Roman Zubarev
Principal subjects/Occupational skills covered	Chemical proteomics - Thermal proteome profiling (TPP), Functional identification of target by expression Proteomics (FITeXP), Elucidation of the interaction interface and mapping of the binding site of a drug with its target protein by Hydrogen/Deuterium (H/D) exchange mass spectrometry (HDX MS)
Year	2013
Place of training	Olomouc
Name and type of organization providing training	Palacky University, Olomouc, Czech Republic, project DataLab
Principal subjects/Occupational skills covered	Multiplex proteins analysis - multiplex ELISA, immuno-PCR, Luminex

PERSONAL SKILLS AND COMPETENCIESMOTHER TONGUE **Czech**OTHER LANGUAGES **English, French****English****French**

Understanding		Verbal skills		Writing skills	
Listening	Reading skills				
C1	C1	B2	B2	B2	B2
A2	A2	A2	A2	A2	A2

TECHNICAL SKILLS AND COMPETENCIES

Computer use: MS Office, knowledge of database systems, Bioinformatics software – MaxQuant, Perseus, Skyline, Proteome Discoverer, Columbus, ImageJ

ORGANIZATION SKILLS

Organization of "Proteomic Group Meetings"

MENTORING

Graduated Bachelor students

Katerina Jecmenova - bachelor work - Spectroscopic characteristics of used drugs and their use in the identification of molecular targets (2018)

PUBLICATION LIST

Impact Factor Journals

KRAJCOVICOVA, S., **J. STANKOVA**, P. DZUBAK, M. HAJDUCH, M. SOURAL a M. URBAN.

A Synthetic Approach for the Rapid Preparation of BODIPY Conjugates and their use in Imaging of Cellular Drug Uptake and Distribution. *Chemistry- A European Journal*. 2018, 24(19), 4957-4966. ISSN 0947-6539. IF: **5.317**. PMID: 29411907

OZDIAN, T., D. HOLUB, Z. MACECKOVA, L. VARANASI, G. RYLOVA, J. REHULKA, J. VACLAVKOVA, H. SLAVIK, P. MOUDRY, P. ZNOJEK, **J. STANKOVA**, J.B. DE SANCTIS, M. HAJDUCH a P. DZUBAK.

Proteomic profiling reveals DNA damage, nucleolar and ribosomal stress are the main responses to oxaliplatin treatment in cancer cells. *Journal of Proteomics*. 2017, 162, 73-85. ISSN 1874-3919. IF: **3.867**. PMID: 28478306