## PERSONAL INFORMATION


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| **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

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| *Dates (from – to)* | 2020 – till now |
| *Occupation or position held* | Medical laboratory professional |
| Main activities and responsibilities | **BSL 3 safety workflow** - Handling patient samples in BSL 3 safety condition |
| Name and address of employer | Olomouc University Hospital, I. P. Pavlova 185/6, 779 00 Olomouc |
| Type of business or sector | Public health care, covid-19 diagnostics |
| *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<br>**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

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| *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<br>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 |

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| *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**

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| 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 |
| Resposimble teachers | Massimiliano Gaetani and Roman Zubarev |
| Principal subjects/Occupational skills covered | **Chemical proteomics** - Thermal proteom 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, imuno-PCR, Luminex |

**PERSONAL SKILLS AND COMPETENCIES**

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| MOTHER TONGUE | **Czech** |
| OTHER LANGUAGES | **English, French** |

| | **Understanding** | | | **Verbal skills** | | | | **Writing skills** | |
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| | Listening | | Reading skills | | | | | | |
| **English** | C1 | | C1 | | B2 | | B2 | | B2 |
| **French** | A2 | | A2 | | A2 | | A2 | | A2 |

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| TECHNICAL SKILLS AND COMPETENCIES | Computer use: MS Office, knowledge of database systems,<br>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) |
| | Eliška Hladíková – bachelor work - Reporter lentiviral systems for subcellular localization (2020) |

**PUBLICATION LIST**

Impact Factor Journals

PORUBSKY, M., S. GURSKA, **J. STANKOVA**, M. HAJDUCH, P. DZUBAK and J. HLAVAC.

Amino-BODIPY as the ratiometric fluorescent sensor for monitoring drug release or “power supply” selector for molecular electronics. RSC Advances. 2019, 9, 25075-25083. IF: **3.119**. DOI: 10.1039/C9RA03472B

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