MSCA PF
The Essential Role of Grant Office
Service, Support, Safe net

What Does It Take To Be A Hosting Institution
What Applicants Can Expect?

PRE-AWARD SUPPORT

• Active search for a supervisor, help with promoting your own profile
• Cooperative application preparation – seminars, workshops, individual meetings, etc.
• Assistance with defining the fundamental pillars – research plan, scientific framework, specific objectives, horizontal priorities, impact
• Placing the project in the R&D&I policies framework
• Consultation on partial sections of the application
• Commenting and feedback on the project proposal
• Providing internal peer-review
• Ensuring the submission process in the system
From The First Idea To A Highly Competitive Proposal

- templates
- project coffee
- workshops
- seminars
- factsheets
- guidelines
- Individual consultations
- MSCA flyers
- trainings

Career counselling
Project strategy for departments / work groups

PRE-AWARD SUPPORT
What Successful Fellows Can Expect?

POST-AWARD SUPPORT

- Preparation of the grant agreement
- Financial management
- Interim and final reporting
- Supervision of the execution of tasks and timely completion of deliverables
- Control of using the financial statement and EU logo
- Communication and dissemination management
- Event management
- Arranging orders, trips abroad, contracts for collaborations or services
- Ongoing consultations
- In co-operation with the welcome office - help with orientation and settling in the new environment, processing the necessary documents with the foreign police, help with finding housing, doctors, etc.
Three chances to win the grant

MSCA-PF

Required score
>93%

Achieved by
10-15% proposals

Seal of Excellence – Structural Funds OP J.A.C.

>70%

ERA Fellowship

>91%

80%

20-25%
Except for MUNI, there are other 10 universities in the city.

Evvery sixth inhabitant is a university student.

Brno is in the TOP 10 student cities globally based on students evaluations.
We successfully develop a centre of science and research.

We run CEITEC – Centre of scientific excellence.

We focus on life science, advanced materials, but also social sciences and humanities.

We support new generation of scientists.
Masaryk University in numbers:

- 10 faculties
- 33,000+ students
- 5,500+ publications
- 150+ programmes
- 7,000+ graduates
- 1,500+ projects
10 faculties, one university
Faculty of Economics and Administration

We prepare students for international experts exams and certifications

We have experts on FinTech and latest economic fields

We have a Bloomberg terminal
CEITEC MUNI 2022
in Numbers

32 mil. EUR
Overall Budget
212
PhD Candidates
403
Employees (FTE) from
31
Countries
28
Research Groups
52%
International PhD Candidates
61
Researchers (FTE)
48%
Women Researchers (FTE)
12
Core Facilities
42%
International Researchers (FTE)
720
Core Facility Users from
22
Countries
44
New Projects
40.5%
Publications with Corresponding Author
174
Ongoing Projects
8
International Projects
114
Q1
28
T5
242
Publications
Marek Mráz, Ph.D.

Research topic: **Microenvironment of Immune Cells**

**Main research interest:** The role of non-coding RNAs (microRNAs and long-noncoding RNAs) in the molecular pathways that regulate microenvironmental interactions in normal and malignant immune cells.

Link to the research group profile: [https://mrazlab.ceitec.cz](https://mrazlab.ceitec.cz)

Our research also aims at development of novel targeted therapies in B cell malignancies (miR-therapy, targeting of BCR-signalling/adhesion) and at prognostic and predictive markers in hematological malignancies (Chronic Lymphocytic Leukemia, B-Cell Lymphomas).

In 2018, Dr. Mráz was awarded the **ERC Starting Grant**.

Express your interest for:
- MSCA-PF 2023 by July 2023
- MSCA-PF 2024 by March 2024

Contact: CEITEC Masaryk University
Dr. Mráz: marek.mraz@ceitec.muni.cz
Grant Office: veronika.sterbova@ceitec.muni.cz
Hélène Robert Boisivon, Ph.D.

Research topic: **Hormonal Crosstalk in Plant Development**

**Main research interest:** Effects of temperature stresses on seed development in *Arabidopsis thaliana* and *Brassica napus*

Link to the research group profile: [https://boisivonlab.ceitec.cz](https://boisivonlab.ceitec.cz)

Our research aims at understanding the effects of endogenous and environmental regulators on plant morphogenesis and seed formation. Our objectives are to identify the molecular and cellular mechanisms underlying the regulation of hormonal pathways during seed production.

Express your interest for:

**MSCA-PF 2023 by July 2023**
**MSCA-PF 2024 by May 2024**

To contact dr. Boisivon: helene.robert.boisivon@ceitec.muni.cz

To contact CEITEC Grant Office: veronika.sterbova@ceitec.muni.cz
Lukáš Trantírek, Ph.D.

Research topic: **Non-coding genome**

Main research interest: Identification of novel therapeutic targets in a wide range of pathological states from cancer to developmental diseases.

Our research elaborates on our recently acquired ability to resolve G-quadruplexes (G4) polymorphs, identify G4 bioactive conformations and characterize their interactions using NMR spectroscopy and the state-of-the-art methods of cellular structural biology.

Link to the research group profile: [https://www.ceitec.eu/non-coding-genome/rg109](https://www.ceitec.eu/non-coding-genome/rg109)

Express your interest for:
- **MSCA-PF** 2023 by July 2023
- **MSCA-PF** 2024 by March 2024

Contact: **CEITEC** Masaryk University
Dr. Trantírek: lukas.trantirek@ceitec.muni.cz
Grant Office: veronika.sterbova@ceitec.muni.cz
Michal Šmída, Dr. rer. nat.

Research topic: **Functional Genomics**

**Main research interest:** Mechanisms of resistance to targeted therapy and identification of novel therapy targets in acute myeloid leukemia

In our lab we are predominantly aiming at identification of novel drug targets that might then be exploited in the clinic as innovative targeted therapies. We focus our efforts primarily on two common hematologic malignancies, namely chronic lymphocytic leukemia (CLL) and acute myeloid leukemia (AML). We use state-of-the-art techniques like genome-wide CRISPR screening, drug screening, single-cell RNA sequencing.

Link to the research group profile: [https://www.ceitec.eu/functional-genomics/rg214](https://www.ceitec.eu/functional-genomics/rg214)

Express your interest for:  
**MSCA-PF** 2023 by July 2023  
**MSCA-PF** 2024 by March 2024

Contact: [CEITEC](mailto:CEITEC@masarykuni.cz) Masaryk University  
Dr. Šmída: [michal.smida@ceitec.muni.cz](mailto:michal.smida@ceitec.muni.cz)  
Grant Office: [veronika.sterbova@ceitec.muni.cz](mailto:veronika.sterbova@ceitec.muni.cz)
Markéta Pernisová, Ph.D.

Research topic: **Plant Science**

Main research interest: Cytokinin-driven molecular mechanisms regulating organ identity in Arabidopsis

Plant Sciences Core Facility is an open CEITEC laboratory providing access to the cutting-edge infrastructure for plant and algae cultivation, as well as for environmental simulation and phenotyping analyses. The core facility operates 15 walk-in growth chambers (phytotrons) and 10 greenhouses to provide defined growth conditions for controlled plant cultivation.

Link to the Plant Science Core Facility: [https://plants.ceitec.cz/en/profile/](https://plants.ceitec.cz/en/profile/)

Express your interest for:
- MSCA-PF 2023 by July 2023
- MSCA-PF 2024 by March 2024

Contact: CEITEC Masaryk University
Dr. Pernisová: marketa.pernisova@ceitec.muni.cz
Grant Office: veronika.sterbova@ceitec.muni.cz
Prateek Kalia
Consumer Behaviour & Marketing Management

- Author of the novel smartphone user classification metrics called Cellulographics©
- Research topics: consumer behaviour, technology, e-commerce, digital retail, cyberpsychology, human-computer interactions, smartphone use
- For more information, click here.

E-mail: Prateek.Kalia@econ.muni.cz
Twitter | LinkedIn | Google Scholar

Submit your CV, project annotation & list of publications to Jana.Sosnova@econ.muni.cz by 20 June 2023 for MSCA-PF 2023.
For MSCA-PF 2024, get in touch by March 2024.
Ahad Zareravasan

Business Informatics

– An expert in the field of business informatics
– Currently involved in the DiCiM project funded by Horizon Europe
– Research topics: IS business value, digital transformation, sustainability, business analytics, Blockchain
– For more information, click here.

E-mail: Ahad.Zareravasan@econ.muni.cz
LinkedIn | ORCID | Web of Science

Submit your CV, project annotation & list of publications to Jana.Sosnova@econ.muni.cz by 20 June 2023 for MSCA-PF 2023.
For MSCA-PF 2024, get in touch by March 2024.
Štěpán Mikula
Labour and Health Economics

- An expert on empirical microeconomics
- A researcher at the National Institute for Research on Socioeconomic Impacts of Diseases and Systemic Risks (SYRI)
- Research topics: migration, hiring discrimination, discrimination in access to public services
- For more information, click here.

Submit your CV, project annotation & list of publications to Jana.Sosnova@econ.muni.cz by 20 June 2023 for MSCA-PF 2023.
For MSCA-PF 2024, get in touch by March 2024.
Jan Čapek
Macroeconomics

– A leading experts in macroeconomic modelling
– Forecasting with DSGE models and analyses of fiscal policy in various European countries
– **Research topics:** GDP growth, inflation, interest rates, estimation of empirical fiscal multipliers, structural vector autoregressive models
– For more information, click [here](#).

E-mail: Jan.Capek@econ.muni.cz

ORCID | Web of Science

Submit your CV, project annotation & list of publications to Jana.Sosnova@econ.muni.cz by **20 June 2023** for MSCA-PF 2023.
For MSCA-PF 2024, get in touch by March 2024.
Rostislav Staněk
Experimental & Behavioural Economics

E-mail: Rostislav.Stanek@econ.muni.cz
ORCID | Web of Science

– A researcher at the MUEEL (Masaryk University Experimental Economics Laboratory)
– Research topics: reciprocity, time consistency, procedural preferences, conflict emergence and compliance
– For more information, click here.

Submit your CV, project annotation & list of publications to Jana.Sosnova@econ.muni.cz by 20 June 2023 for MSCA-PF 2023. For MSCA-PF 2024, get in touch by March 2024.
David Špaček
Public Administration

- An expert in public administration and public management
- Research topics: digitalization, (e-)participation,
  e-procurement, strategic planning & management, quality management, intermunicipal
  cooperation and civil services
- He has been involved in research projects focusing on changes in public authorities
  implemented due to the COVID-19 pandemic and systemic issues of public administration
- For more information, click here.

E-mail: David.Spacek@econ.muni.cz
ORCID | Web of Science

Submit your CV, project annotation & list of publications to
For MSCA-PF 2024, get in touch by March 2024.
Štefan Lyócsa
AI in Finance

– An expert in in financial risk modelling

– Research topics: instabilities of financial system, market and credit risk, the role of public attention & sentiment on asset price fluctuations

– Štefan is interested in data-driven topics related to the modelling of extreme price fluctuations, e. g. Value at Risk, Expected Shortfall.

– For more information, click here.

E-mail: Stefan.Lyocsa@econ.muni.cz

Submit your CV, project annotation & list of publications to Jana.Sosnova@econ.muni.cz by 20 June 2023 for MSCA-PF 2023.

For MSCA-PF 2024, get in touch by March 2024.

ORCID | LinkedIn
Jakub Procházka
Organizational Behaviour & HR Management

– An expert in positive HR management and organizational behaviour

– Research topics: attitudes & well-being of employees, leadership, autonomy at work, organizational commitment, burnout, psychological capital

– In terms of methodology, he prefers quantitative research, especially experiments and large surveys with data analysis using Structural Equations Modelling.

– For more information, click here.

E-mail: Jakub.Prochazka@econ.muni.cz

LinkedIn | ORCID | Web of Science

Submit your CV, project annotation & list of publications to Jana.Sosnova@econ.muni.cz by 20 June 2023 for MSCA-PF 2023.

For MSCA-PF 2024, get in touch by March 2024.
Zdeněk Tomeš
Mobility & Transport Economics

– An expert in the field of transport economics and policy
– He is the scientific director of ITREGEP
– The team has many ongoing projects in cooperation with partners from the industry (Czech Railways) and intensive cooperation with foreign universities (Leeds, Milano, Florence).
– Research topics: rail competition, modal shift, transport demand, transport equity
– For more information, click here.

E-mail: Zdenek.Tomes@econ.muni.cz

Submit your CV, project annotation & list of publications to
For MSCA-PF 2024, get in touch by March 2024.
Vladimír Žítek
Regional Economics

- An expert in the field of regional economics
- **Research topics:** spatial dimension of economic and social activities, regional innovation systems, innovation policy, economic geography, tourism
- For more information, click [here](#).

Submit your CV, project annotation & list of publications to


For MSCA-PF 2024, get in touch by March 2024.
European Centre (EC)
- comprehensive grant support
- all researchers active or prospectively seeking to work at Charles University
• Catholic Theological Faculty
• Protestant Theological Faculty
• Hussite Theological Faculty
• Faculty of Law
• First Faculty of Medicine
• Second Faculty of Medicine
• Third Faculty of Medicine
• Faculty of Medicine in Plzeň
• Faculty of Medicine in Hradec Králové
• Faculty of Pharmacy in Hradec Králové
• Faculty of Arts
• Faculty of Science
• Faculty of Mathematics and Physics
• Faculty of Education
• Faculty of Social Sciences
• Faculty of Physical Education and Sport
• Faculty of Humanities
• Subjects in the global TOP 150 in 2022
• Anatomy and Physiology
• Economics
• Geography
• Linguistics
• Political Science and International Studies
MSCA
Marie Skłodowska-Curie Actions

Developing talents, advancing research
Specific focus on abstracts and CVs

- Showcases competence: work experience, accomplishments, etc.

- Used for practically any job

- Typically concise (one page)

- Showcases credentials: certifications, research, affiliations, etc.

- Used for academic, scientific, and medical jobs

- Typically detailed (several pages long)
• Collaboration with NCPs and (former) grantees
• BIG4 - Biosystematics, Informatics and Genetics of the big 4 insect groups: training tomorrow’s researchers and entrepreneurs  H2020-MSCA-ITN-2014
• Japan and Europe Network for Neutrino and Intensity Frontier Experimental Research H2020-MSCA-RISE-2014
• Distributed 3D Object Design H2020-MSCA-ITN-2014
• Control of leishmaniasis, from bench to bedside and community H2020-MSCA-ITN-2014
• Ecological Modelling of the Greenland Ice Sheet Surface Ecosystem H2020-MSCA-IF-2014
• The History of Human Freedom and Dignity in Western Civilization H2020-MSCA-ITN-2015
• Targeted small-molecule Stabilisation of Protein-Protein Interactions H2020-MSCA-ITN-2015
• Interdisciplinary Network for Dementia Utilising Current Technology (INDUCT) H2020-MSCA-ITN-2015
• Global Excellence in Modelling of Climate and Energy H2020-MSCA-RISE-2015
• Fracture Across Scales and Materials, Processes and Disciplines H2020-MSCA-RISE-2016
• Evolution and development of pharyngeal pouches and pre-oral gut in basal fishes H2020-MSCA-IF-2016
• An international, multi-disciplinary, multi-sectoral training network on ageism H2020-MSCA-ITN-2017
• Delayed Transformational Fatigue in Central and Eastern Europe H2020-MSCA-ITN-2017
• A multi-disciplinary international effort to identify clinical, molecular and social factors impacting cutaneous leishmaniasis H2020-MSCA-RISE-2017
• Migration and Modernity: Historical and Cultural Challenges H2020-MSCA-ITN-2018
• Japan and Europe Network for Neutrino and Intensity Frontier Experimental Research 2 H2020-MSCA-RISE-2018
• Combinatorial Structures and Processes H2020-MSCA-RISE-2018
• Study of neutral pion decays at the NA62 experiment at CERN H2020-MSCA-IF-2018
• Global Excellence in Modeling Climate and Energy Policies H2020-MSCA-RISE-2019
• Legal Cultures and Business Environments in Central Asia H2020-MSCA-RISE-2019
• European Network for integrated TRAINing on Innovative Therapies for VISion RestoratiON H2020-MSCA-ITN-2019
• Predictive Rendering In Manufacture and Engineering H2020-MSCA-ITN-2020
• Randomness and learning in networks H2020-MSCA-RISE-2020
• Hard probes of heavy-ion collisions H2020-MSCA-IF-2020
• Fluorescence-detected Transient Absorption MicroscopyH2020-MSCA-IF-2020
• Experiences of youth in natural mentoring relationships: Qualitative exploratory study H2020-MSCA-IF-2020
• A coupled thermo-hydro-mechanical model for physically-based assessments of slope stability accounting for climate change H2020-MSCA-IF-2020
• Constrained convergence: does pleiotropy constrain convergent alpine adaptation? HORIZON-MSCA-2021-PF-01
• Neuroendocrine regulation of Phlebotomus perniciosus immunity and microbiota: fighting Leishmania infection HORIZON-MSCA-2021-PF-01
• Cartan geometry, Lie and representation theory, Integrable Systems, quantum Groups and quantum computing towards the understanding of the geometry of deep Learning and its Applications HORIZON-MSCA-2021-SE-01
• Multilevel Orders of Corruption in Central Asia HORIZON-MSCA-2021-SE-01
• The Russian automotive industry 1991-2020 HORIZON-MSCA-2021-PF-01
• Ondřej DANIEL, Ph.D.
Department of Science and Research - European Centre
Charles University, Prague, Czech Republic

Ovocný trh 560/5, 116 36 Prague, Czech Republic

• tel.: +420 224 491 692
• ondrej.daniel@ruk.cuni.cz
• web: www.cuni.cz
Who are we?

- FZU is the largest institute in the Czech Academy of Sciences
- More than 1100 employees
- Excellent basic and applied research in physics
Where are we located?

Prague

Dolní Břežany
(ELI Beamlines and HILASE)

Olomouc
(Joint Laboratory of Optics)
Prague
Why FZU?

• One of most successful research institution in the Czech Republic
• Top research infrastructure and facilities
• Excellent research teams
• Inspirational research environment & good working conditions
• Targeted training for postdocs and students
What type of research can you do at FZU?

<table>
<thead>
<tr>
<th>Division of Elementary Particle Physics</th>
<th>Division of Condensed Matter Physics</th>
<th>Division of Solid State Physics</th>
<th>Division of Optics</th>
<th>Division of High Power Systems – HiLASE Centre</th>
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<tr>
<td>Astroparticle Physics CEICO Centre</td>
<td>Magnetic Measurements and Materials</td>
<td>Surfaces and Molecular Structures</td>
<td>Optical and Biophysical Systems</td>
<td>Radiation and Chemical Physics – PALS Centre Joint laboratory</td>
</tr>
<tr>
<td>Experimental Particle Physics</td>
<td>Dielectrics</td>
<td>Semiconductors</td>
<td>Low-Temperature Plasma</td>
<td>Advanced Laser Development HILASE Centre</td>
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<tr>
<td>Theory of Elementary Particles CEICO Centre</td>
<td>Material Analysis</td>
<td>Spintronics and Nanoelectronics Joint laboratory</td>
<td>Analysis of Functional Materials</td>
<td>Industrial Laser Applications HILASE Centre</td>
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<tr>
<td>Detector Development and Data Processing</td>
<td>Functional Materials</td>
<td>Structure Analysis</td>
<td>Joint Laboratory of Optics Joint laboratory</td>
<td>Scientific Laser Applications HILASE Centre</td>
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<tr>
<td>Cosmology and Gravitational Physics CEICO Centre</td>
<td>Condensed Matter Theory</td>
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<td>Chemistry</td>
<td>Thin Films and Nanostructures</td>
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<td>Optical Materials</td>
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Postdoc community at FZU

Become a member of a growing community of young talented physicists!

- FZU has currently more than 150 postdocs
- FZU has a growing number of MSCA and ERA fellows (currently 8)
- National financing of highly ranked candidates through OP JAK (currently 5)

FZU received MSCA COFUND – Physics for Future (P4F) project
60 MSCA fellows in next 5 years

Postdoc support

- Grant preparation support
- Postoc events & conferences
- Training and development
Apply to become a part of FZU

Main contact point: science@fzu.cz

Find your supervisor at FZU: https://www.fzu.cz/en/people
Institute of Organic Chemistry and Biochemistry
of the Czech Academy of Sciences

Pavlína Maloy Řezáčová
IOCB Prague

- leading scientific institution in the Czech Republic
- excellent basic research & successful applications at the interface of chemical and biological sciences
- emphasis on interdisciplinary approach
- particularly successful in medicinal chemistry, chemistry of natural products, organic synthesis and molecular modeling
- 49 scientific groups, 260 publications/year
- 950+ employees, 220+ PhD students
- international environment, 40+ nationalities
- cutting-edge facilities & technologies
- collaboration with strong research & commercial partners
Research at IOCB Prague

**CHEM**
- drug discovery
- organic synthesis
- medicinal chemistry
- natural products chemistry
- materials chemistry
- chemical biology
- photochemistry
- nanochemistry

**PHYS**
- drug design
- molecular modeling
- computational chemistry
- quantum mechanics
- chemistry
- molecular spectroscopy
- analytical chemistry
- separation science

**BIO**
- biochemistry
- structural biology
- molecular biology
- physiology
- cell biology
- chemical ecology
- diagnostic tools
- neuroscience

**Interdisciplinary approach**
- Crosstalk between chemistry and other sciences
Postdoc positions at IOCB Prague

Thinking about the next step after you finish your PhD? IOCB has a lot to offer.

Leaders of 49 scientific groups are looking for talented, ambitious and motivated colleagues. ► https://www.uochb.cz/en/groups
Postdocs at IOCB Prague

- IOCB has a lot to offer
- 220+ early career researchers in our growing community of IOCB postdocs
- 40% are international
- IOCB Postdoc Network


Are you interested? What are the next steps?
- **Check** IOCB Prague groups to find a topic of your interest [www.uochb.cz/en/groups](http://www.uochb.cz/en/groups)
- **Prepare** your project proposal (1 page) + your CV and track record
- **Contact** selected group leader and negotiate future collaboration

*We are a multidisciplinary research institute looking for motivated postdocs to join us!*
PhD program at IOCB Prague

- IOCB Prague is looking for talented, independent, and highly motivated PhD students with an MSc degree or equivalent in life sciences or related fields

[Link to more information](www.uochb.cz/phd)
Virtual tour: bit.ly/virtual-IOCB

Institute of Organic Chemistry and Biochemistry of the Czech Academy of Sciences
Flemingovo n. 2
160 00 Praha 6
Czech Republic

www.uochb.cz