

MUNI
SCI



HR EXCELLENCE IN RESEARCH



Welcome

all Faculty of Science students, colleagues and all other colleagues and guests

PhD Day

16.9.2021, 13:00

MS TEAMS (ON-LINE LIVE MEETING)



[CLICK AND JOIN US](#)

SCI MUNI PhD Day 2021 – Objectives

– Meet & Greet

– Bring

- an overview of the **information** that might be important (or useful) including various options supporting you as ESRs (Early Stage Researchers)
 - hopefully some further **inputs for your motivation** to grow and advance in science and also to support the growth of SCI MUNI (via yourselves!)
 - a floor for Q&A
- *Special focus 2021: International Mobilities*



Why we have PhD days?

- **EXCELLENT SCIENCE through ESRs (Early Stage Researchers – including PhD students) is the important strategic goal of SCI MUNI**

as recommended also by ISAB of MU

[ISAB of SCI MUNI to be established autumn 2021]

- **Motivated (and properly supported ESRs)**

are essential to reach the excellence

See the „HR Strategy for Researchers“ presentation

for more details on various supporting activities

- **We wish to motivate, support and communicate with you!**

<https://www.muni.cz/en/research/isab>



Josef Jiríčný

Director and founder of the Institute of Molecular Cancer Research at the University of Zurich

Graduate of the Aston University in Birmingham and the University of London. Member of the European Molecular Biology Organization and Academia Europaea. His research focus includes the molecular mechanisms of DNA repair in human cells, specifically with respect to colorectal carcinoma.



Peter Williamson

Director of management studies at the Cambridge Judge Business School

His extensive experience includes areas such as management research, counselling and education; he has also been active as a consultant in a number of companies. His research focus includes, among other areas, globalization and its implications for corporate strategies, strategies for success in China and the internationalization of Chinese enterprises and their global impact.



Marie-Janine Calic

German historian specializing in East European and South-East European history

Active at the Ludwig Maximilian University of Munich, currently the thirtieth best university in the world and the number one in Germany. Her research focuses on the conflicts, economics and social history of South-East Europe and its ethnic minorities. She has also worked for the International Criminal Tribunal for the former Yugoslavia



Viktor Kuňčák

Associate Professor at EPFL specializing in information technologies and machine learning

Since 2007 he has been working as an associate professor at EPFL, where he runs a laboratory focusing on automatic reasoning and analysis in the field of information technology. His research focuses on languages, algorithms and systems of verification and automatic reasoning. In 2012, he received a prestigious ERC grant.



Mary O'Connell

Renowned molecular biologist from Ireland

Holder of a doctoral degree in Molecular Biology from the Albert Einstein College of Medicine, NY, USA. Since 2014 active as ERA Chair at MU and leader of a CEITEC research group focusing on the issue of hereditary information and its modification in connection with immunity. Member of the prestigious European Molecular Biology Organization (EMBO) since 2017.

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EXCELLENT PHD GRADUATES AT SCI MUNI

expectations and support

<https://pollev.com/lindan443>

🌐 When poll is active, respond at pollev.com/lindan443

📱 Text **LINDAN443** to **+420 736 350 959** once to join

Who is here?

I am undergraduate (MSc, BSc student) ... and think about PhD

I just started PhD at SCI MUNI ... and will see

I am experienced PhD student ... and want to be updated

I am SCI MUNI staff (academic, researcher, admin)

Other

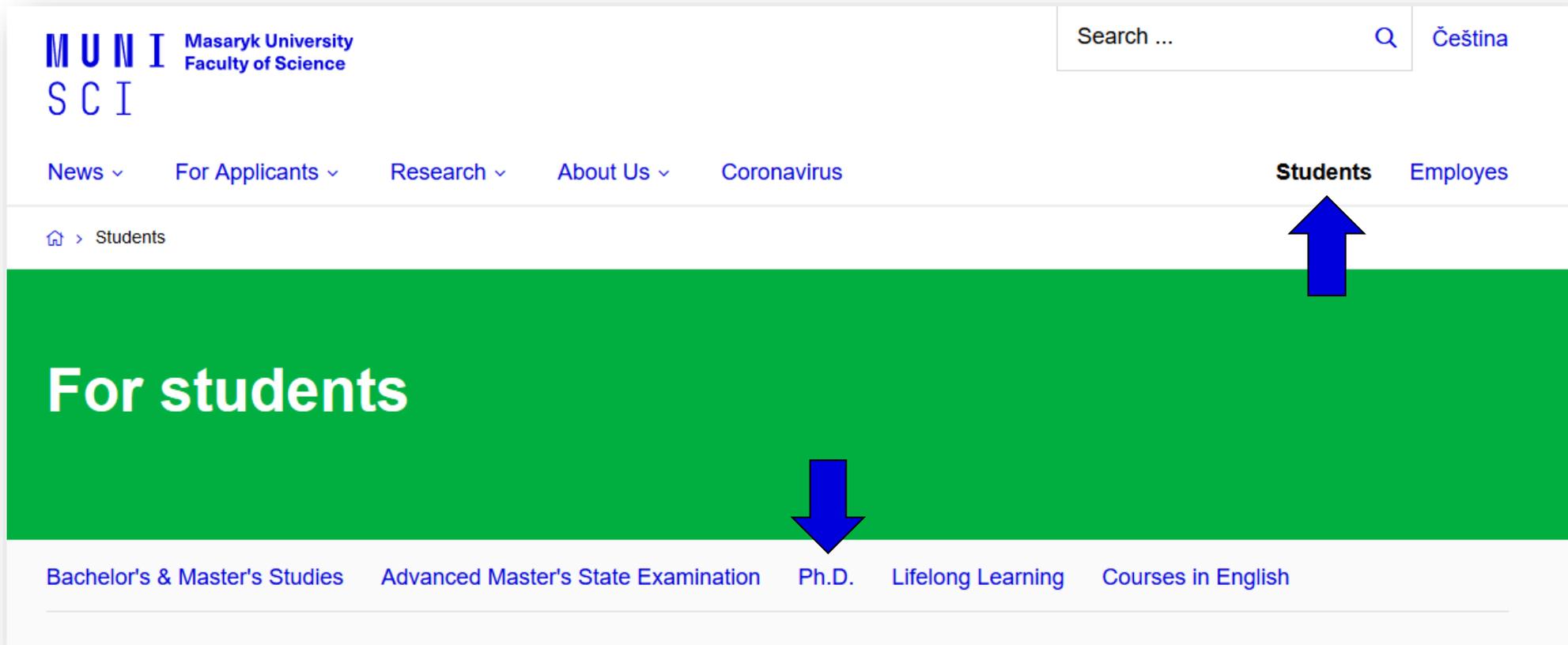
Information hubs

– MUNI & SCI - <https://portal.muni.cz>

The screenshot shows the MUNI Employee Portal interface. At the top, there is a navigation bar with the MUNI logo, a search bar, and user information for L. Bláha. Below the navigation bar, there are several menu items: University, Employee, Research, Teaching, Administration and operations, Services, Coronavirus, and ISO. A secondary menu includes News, Calendar, Documents, My links, Daily menu, and More apps. A prominent blue banner welcomes users to the portal and provides contact information for suggestions. The main content area is divided into two columns. The left column, titled 'DON'T MISS', features two news items: 'The Election of a New Dean' dated 12.08.2021 and 'MU to move to white, employee and student testing no longer mandatory' dated 25.06.2021. The right column, titled 'CALENDAR', displays a weekly view of events, including 'Výuka E0240 Biomarkers (10 lidí?, RCX1)', 'CPC conference call', 'PhD Day 2021 - SCI MUNI - online session', and 'Novoměstská oslava 40'.

Information hubs

- MUNI & SCI - <https://portal.muni.cz>
- SCI MUNI web – [students/PhD section](#)



The screenshot displays the website for Masaryk University Faculty of Science (MUNI & SCI). The header includes the university logo, a search bar, and a language selector for 'Čeština'. The main navigation menu features links for 'News', 'For Applicants', 'Research', 'About Us', 'Coronavirus', 'Students', and 'Employes'. The 'Students' link is highlighted with a blue arrow pointing upwards. Below the navigation, a green banner reads 'For students'. A blue arrow points downwards from the 'Ph.D.' link in the footer to the 'For students' banner. The footer contains links for 'Bachelor's & Master's Studies', 'Advanced Master's State Examination', 'Ph.D.', 'Lifelong Learning', and 'Courses in English'. The MUNI & SCI logo and the 'hr EXCELLENCE IN RESEARCH' logo are visible in the bottom right corner.

Information hubs

- MUNI & SCI - <https://portal.muni.cz>
- SCI MUNI web – [students/PhD section](#)
- [PhD day today](#)

OFFLINE [CLICK TO OPEN](#)

FIND YOUR RESEARCH OPPORTUNITY! (POSTER SESSION)

Check the posters of study programmes, departments, research groups and find your (research) way!

MOBILITIES – DISCOVER YOUR OPPORTUNITIES TO GO ABROAD (PRESENTATION)

Stay abroad is not only a compulsory part of your PhD study, but also an experience of a lifetime. You can go almost anywhere in the world, so let's discover the opportunities at SCI MUNI.

PHD GUIDE

Info videos recorded by the Rectorate of Masaryk University for you to learn about the basics regarding your PhD study.

HR STRATEGY FOR RESEARCHERS – WHAT DOES HR AWARD MEAN FOR A PHD STUDENT AT SCI MUNI? (PRESENTATION)

HR Award is a change project which continuously focuses on people culture and working environment in research organizations. Did you know that it includes PhD students as well? And would you like to find out more what's in it for you at SCI MUNI?

#THROWBACKTHURSDAY – LAST YEAR'S PHD DAY (VIDEO)

Last year's PhD Day was held on-line and we turned some of the presentations into info videos for you.

ONLINE LIVE MEETING

EXCELLENT PHD GRADUATES AT SCI MUNI: EXPECTATIONS AND SUPPORT

Introduction presented by vice-dean. Learn about the most recent developments supporting PhD students such as salaries, scholarships, mobility awards, interdisciplinary support, awards for excellency.

SHARE YOUR STAY ABROAD EXPERIENCE

Listen to your peers talking about their stays abroad.

FAQ'S AND DISCUSSION

Now it's up to you. Ask, share, discuss.

Information hubs

- MUNI & SCI - <https://portal.muni.cz>
- SCI MUNI web – students/PhD section
- PhD day today
- Student representatives in the Academic senate
 - <https://www.sci.muni.cz/en/about-us/organisational-structure/academic-senate>

No need to repeat – check back 2020 video #THROWBACKTHURSDAY

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FAQ'S AND DISCUSSION

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- Overview PhD at SCI MUNI CZ
 - areas, topics, supervisors
- Gaps in PhD at SCI MUNI and how we address them
 - Financial, transparency, management
- How to succeed in PhD – practical tips
- **Why PhD?**

One word - why do you go for PhD studies?

Top

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Who is here? What is your field of research?

Mathematics

Physics

Chemistry

Geography

Biology, biochemistry, life sciences

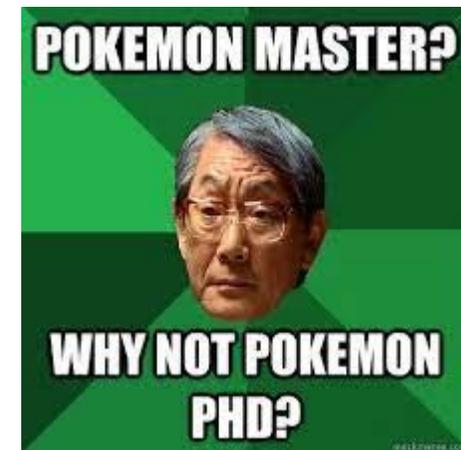
Geology

Environmental

Other

Become an excellent graduate = DOCTOR OF SCIENCE

- Your **research project** (→ new findings → **publications**)
→ thesis/defence
 - Quality publications (Q1/Q2) are important in contemporary science, they are important for you (career) and also for us (SCI MUNI)
- **Theoretical** skills
 - Take courses at MU or outside, participate in webinars, summer schools,
- **Practical** skills – **learn by doing, network, mentoring by your peers**
 - Data and statistics
 - International experiences – obligatory stay abroad: MOBILITY
 - Teaching and supervising skills – for your future academic career
 - Write grant project proposal
 - Write publications
 - Present your research to scientists (posters/lectures)
 - Communicate your science to laymen – show the relevancy and importance to the society
 - Keep up to date with science e.g. EOSC / OPEN SCIENCE / publishing practices (MDPI?)



Our expectations

- Together with you, we want to reach a common goal = ADVANCING SCIENCE FOR THE GOOD of people, society, planet...
- You have just 4 years to become a DOCTOR OF SCIENCE: **use the time and benefit as much as possible** from this limited opportunity
 - ... and then be ready to move forward elsewhere to learn more (postdoc)*
 - ... and you can eventually compete in the future to come back to SCI MUNI*
- **PhD is a win-win „contract“ between student and the institution.**
 - We (faculty, department, supervisor) offer facilities, training and mentoring, financing
 - You offer your capacities (brain and hands), motivation
 - Your PhD topic and all financing (scholarships, part-time contract) should be aligned and synergized
- Going for PhD is **your** decision in **your** life and career and the success is **your** responsibility
 - we will do our best to support you within the framework of the „contract“ but we also need to know your needs: have your voice, raise your doubts or demands



REGARDING MOBILITIES

- PhD is **your** decision in **your** life and career ...
 - Your future success also depends on **your international partners, network** and it depends on your mobility abroad (*which is now obligatory for min 1 month, btw*)
- **Your responsibility is to plan and seek for the most relevant stay** abroad
 - ... relevant to your research and topic, bringing new skills
 - ... pro-actively apply for travel grants / conference scholarships etc.
- **We will support you** (faculty, department, supervisors)
 - Identification and contacting partners abroad
 - Financial support (e.g. additional scholarships)
 - Administration
- ... but **within our „contractual“ framework**, i.e. „win-win“ for you and SCI MUNI
 - Travel to strategic partners of your supervisor / department – long-term partnerships
 - Travel to best universities (so you really learn from the best)
 - Follow the rules and procedures

https://www.sci.muni.cz/do/sci/web/vzd/zahr/PhD_mobility_process_ENG.pdf

<https://www.sci.muni.cz/en/students/phd/develop-your-skills/stay-abroad>

The screenshot shows the MUNI SCI website. The header includes the university logo, a search bar, and navigation links for News, For Applicants, Research, Careers, and About Us. The main content area features a large banner with the text 'Placements abroad for PhD students' and a background image of a red sign that says 'EARNED IT!'. Below the banner, there is a paragraph of text about the importance of international mobility for doctoral students. To the right of the main content, there are several smaller sections: 'Experiment in Progress Coronavirus', 'Department Coordinators', and a green button labeled 'Scholarships' with the text 'Most mobility programmes offer' below it.



Experiences from the stays abroad

Ben Joseph Cuyacot (Physical chemistry)
Pratik Goswami (Genomics and proteomics)

Back to basics

Who is my study assistant?

Mgr. Anísa Kabarová

kabarova@sci.muni.cz

**Office: 01/01006
Kotlářská 267/2**

Doctoral programmes

- ✓ Anthropology
- ✓ Physics
- ✓ Mathematics and Statistics
- ✓ Geology
- ✓ Physical Geography
- ✓ Cartography, geoinformatics and remote sensing
- ✓ Social geography and regional geography
- ✓ Advanced Materials and Nanosciences

Ing. Simona Kopalová

kopalova@sci.muni.cz

**Office: B17/413
Kamenice 753/5**

Doctoral programmes

- ✓ Plant Anatomy and Physiology
- ✓ Ecological and Evolutionary Biology
- ✓ Animal physiology, immunology and developmental biology
- ✓ Microbiology
- ✓ Molecular and Cell Biology and Genetics
- ✓ Environmental Health Sciences
- ✓ Life Sciences

Iva Klímová

klimova@sci.muni.cz

**Office: B17/413
Kamenice 753/5**

Doctoral programmes

- ✓ Analytical Geochemist
- ✓ Bioanalytical Chemistry
- ✓ Biochemistry
- ✓ Biomolecular Chemistry and bioinformatics
- ✓ Genomics and Proteomics
- ✓ Chemistry

Assistants for foreign PhD students

Bc. Kristýna Bajgarová

bajgarova@sci.muni.cz

**Office: 01/01006
Kotlářská 267/2**

Bc. Klára Klusáková

klusakova@sci.muni.cz

**Office: 01/01006
Kotlářská 267/2**

- ✓ Information service for international students
- ✓ Admissions to PhD programmes (international applicants)
- ✓ International interns (accommodation, visa and scholarship)
- ✓ **ALL STUDENTS** → International mobility and scientific collaboration

Time for your questions ...

Type your Qs into the chat window.

When not answered immediately, questions will be collected and addressed by email

General Qs will go to FAQs

Becoming a DOCTOR? ... Ready?



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