

## **MCBD KICK OFF SS 2022**

**100 PhD students are currently active in MCBD**

**30 PhD students started since 2021**

# Our Homepage:

Innsbruck PhD School for  
Biomedical Sciences

Medical University of Innsbruck

<https://biomed-phd.i-med.ac.at>

→ All information on teaching (methods courses, core lectures, MCBD seminars)

# Coordination team



**Patrizia Stoitzner**

**MCBD coordinator**

Dept. Dermatology,

Venereology & Allergology

[patrizia.stoitzner@i-med.ac.at](mailto:patrizia.stoitzner@i-med.ac.at)



**Matthias Erlacher**

**GEG/MCBD coordinator**

Biocenter

Genomics and RNomics

[Matthias.erlacher@i-med.ac.at](mailto:Matthias.erlacher@i-med.ac.at)



**Verena Labi**

**MCBD coordinator**

Biocenter

Developmental Immunology

[verena.labi@i-med.ac.at](mailto:verena.labi@i-med.ac.at)



# Administration team



**Petra Duspara**

**PhD Office**

Fritz-Pregl-Straße 3, 4th Floor, Room: 4-060

Tel.: +43 (0)512/9003-70818

E-Mail: [PhD-School@i-med.ac.at](mailto:PhD-School@i-med.ac.at)



**Brigitte Amtmann,**

**PhD Office**

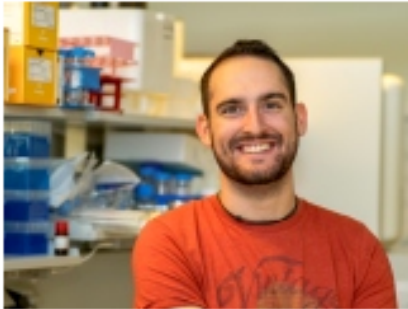
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Tel.: +43 (0)512/9003-70050

E-Mail: [PhD-Studien@i-med.ac.at](mailto:PhD-Studien@i-med.ac.at)

**Please make an appointment before going there.**

# MCBD student representatives



**Braun Vincent**

**E-Mail:** [vincent.braun@i-med.ac.at](mailto:vincent.braun@i-med.ac.at)

**Supervisor: Villunger Andreas**

*We are looking  
for a new student  
representative  
for WS 2022/23*



**Jiri Koutnik**

**E-mail:** [jiri.koutnik@i-med.ac.at](mailto:jiri.koutnik@i-med.ac.at)

**Supervisor: Gottfried Baier**

# MCBD at a glance

- MCBD is a **full-time degree** PhD-program
- minimum study duration for a PhD programme at the MUI is **6 semesters**, an equivalent to 180 ECTS point.

**180 ECTS = 160 ECTS for your research project & thesis + 20 ECTS for curricular courses/seminars/lectures**

# Research project & thesis (160 ECTS)

- This is the **most important part** of your thesis!
- Guided and trained by your **supervisor** & thesis advisory committee (**TAC**)
- **Progress is monitored** in regular meetings with your PI, at the MCBD seminars (mandatory, once a year) and at the TAC-meeting (mandatory, once a year)

# Curricular courses/seminars/lectures: 20 ECTS

		ECTS	1	2	3	4	5	6
<b>MCBD Seminars: 6 ECTS</b>	<b>Seminar (+PhD proposal, 2-3 pages in the 1st year) (6 = 6 x 1)</b>	6 x 1 ECTS						
<b>Core subjects: 8-10 ECTS</b>	<b>Core lectures</b>	2 x 1,5 ECTS						
	<b>Joint Seminars</b>	max. 6 x 0,5 ECTS						
	<b>Methods courses</b> <ul style="list-style-type: none"> <li>• Molecular Biology, Cell Biology &amp; Biochemistry</li> <li>• Imaging / FACS</li> <li>• BioInformatics, Data Bases access &amp; analysis</li> <li>• Onco-Immunology</li> </ul>	take two courses						
	<b>Scientific Presentations on International Conferences &amp; Courses</b>	max. 2 ECTS						
<b>General Subjects: 4-6 ECTS</b>	Ethics Good scientific practice Statistics Animal experimentation .....							



## Core Subject

# Core lectures: Pathology lecture hall

(2 x 1.5 ECTS)

1.5 ECTs: 12 units a 90 min in the WS & SS

- new interesting lectures
- every day for three weeks
- content: Short intro by the lecturer, who explains the concept and the open questions in the field → presents **a recent paper that was transformative for a field** followed by a discussion of the results and how they change the way we see biology

# Core lectures

*Time: 8:15-10:00*

*Location: Pathologie-HS (Müllerstraße 44)*

## MCBD II Core Lecture – SS 2022

			Date	Program	Lecturer	Room
		Do	03.03.	<i>MCBD – Semester Kick-Off Introduction/Information</i>	<i>Stoitzner</i>	<i>Pathologie-HS</i>
Immunity	1	Do	03.03.	DCs	Wilflingseder	<i>Pathologie-HS</i>
	2	Fr	04.03.	T-Cells	Kleiter	<i>Pathologie-HS</i>
	3	Mo	07.03.	Innate Immunity	Posch	<i>Pathologie-HS</i>
	4	Di	08.03.	B-cells	Herzog	<i>Pathologie-HS</i>
		Mi	09.03.	<i>MCBD Seminar</i>		
Genetics & Epidemiology	5	Do	10.03.	Epigenetics	Lusser	<i>Pathologie-HS</i>
	6	Fr	11.03.	Forensic Genomics	Parson	<i>Pathologie-HS</i>
	7	Mo	14.03.	Genetic epidemiology	Kronenberg	<i>Pathologie-HS</i>
	8	Di	15.03.	Medical Genetics: Rare Diseases	Zschocke	<i>Pathologie-HS</i>
		Mi	16.03.	<i>MCBD Seminar</i>		
Molecular Mechanism of Diseases	9	Do	17.03.	Senescence and role in disease	Ausserlechner	<i>Pathologie-HS</i>
	10	Fr	18.03.	Tumor immunotherapy: oncolytic virus against cancer	Wollmann	<i>Pathologie-HS</i>
	11	Mo	21.03.	Metabolic Diseases	Janecke	<i>Pathologie-HS</i>
	12	Di	22.03.	ECM and role in disease	Sampson	<i>Pathologie-HS</i>

**Core Subject**  
**Joint Seminars**  
**(0.5 ECTS / semester, max. 3 ECTS)**

- Choose to attend group-meetings of other MCBG groups → at least 4 x / semester
- Find a list of all group meetings on the homepage
- It is a good idea to contact the PI / group beforehand
- Don't forget to bring your attendance sheet and hand it in (once it is complete) to the PhD School front office. **Don't forget to write your name on the sheet!**
- also an option: Biocenter Seminar: Time: Friday's, 4pm

# Joint Seminars

Lab Group	Time and Place	Contact
Erlacher Lab Meeting	Every Thursday, 09:30 a.m.	<a href="mailto:matthias.erlacher@i-med.ac.at">matthias.erlacher@i-med.ac.at</a>
Sopper Lab Meeting	Every Thursday, 04:00 p.m.	<a href="mailto:Sieghart.sopper@i-med.ac.at">Sieghart.sopper@i-med.ac.at</a>
Dubrac Lab Meeting	Every Friday, 02:00 p.m.	<a href="mailto:sandrine.dubrac@i-med.ac.at">sandrine.dubrac@i-med.ac.at</a>
Trajanoski Lab Meeting (Bioinformatics)	Every Tuesday, 02:00 p.m.	<a href="mailto:Zlatko.trajanoski@i-med.ac.at">Zlatko.trajanoski@i-med.ac.at</a>
Kaser Lab Meeting	individual dates, please contact Prof. Kaser directly	<a href="mailto:Susanne.kaser@i-med.ac.at">Susanne.kaser@i-med.ac.at</a>
Flucher Lab Meeting	Every 2nd Tuesday, 09:00 a.m.	<a href="mailto:Bernhard.e.flucher@i-med.ac.at">Bernhard.e.flucher@i-med.ac.at</a>
Farhan Lab Meeting	Every Tuesday, 09:00 a.m. (CCB, M.01.470 or M.01.490)	<a href="mailto:Hesso.farhan@i-med.ac.at">Hesso.farhan@i-med.ac.at</a>
Teis Lab Meeting	Every Thursday, 11:00 a.m.	<a href="mailto:David.teis@i-med.ac.at">David.teis@i-med.ac.at</a>
Herzchirurgisches Forschungslabor Meeting	Every Monday, 08:30 a.m. (Innrain 66) - see attached program	<a href="mailto:can.gt@i-med.ac.at">can.gt@i-med.ac.at</a>
Zoller Lab Meeting	Every Wednesday, 09:00 a.m.	<a href="mailto:Heinz.zoller@i-med.ac.at">Heinz.zoller@i-med.ac.at</a>
Sampson Lab Meeting	Every Tuesday, 08:30 a.m., Frauen-Kopf-Klinik 1 <sup>st</sup> floor (place to be announced)	<a href="mailto:Natalie.sampson@i-med.ac.at">Natalie.sampson@i-med.ac.at</a>
Hackl Lab Meeting	Every Thursday, 03:00 p.m., CCB administration area, 1 <sup>st</sup> floor	<a href="mailto:Hubert.hackl@i-med.ac.at">Hubert.hackl@i-med.ac.at</a>
Immunology Lab Meeting (Stoitzner Lab)	Every Friday, 12:30-13:30 p.m., Hörsaal Hautklinik	<a href="mailto:Patrizia.stoitzner@i-med.ac.at">Patrizia.stoitzner@i-med.ac.at</a>
Troppmair Lab Meetings / Daniel Swarovski Lab	<ul style="list-style-type: none"> <li>- DSL Seminar: Every Monday, 03:15 p.m. (SR Nord, 12th Floor, Building Chirurgie)</li> <li>- Wednesday Morning Meeting (WMM): Every Wednesday, 09:15 a.m., Seminar Room TKFI, Innrain 66</li> </ul> <p>➔ only during the regular semesters – please contact the Lab for the detailed program!</p>	<a href="mailto:lki.ch.ds-labor@tirol-kliniken.at">lki.ch.ds-labor@tirol-kliniken.at</a>
Culig Lab Meeting	Every Tuesday, 08:30-09:30 a.m., Hörsaal Augenklinik, Frauenkopfklinik 1 <sup>st</sup> floor	<a href="mailto:zoran.culig@i-med.ac.at">zoran.culig@i-med.ac.at</a>
Schmuth Lab Meeting	Every Friday 03:00 p.m., seminar room, dermatology	<a href="mailto:viktoria.migschitz@tirol-kliniken.at">viktoria.migschitz@tirol-kliniken.at</a>
Huber Lab Meeting/Cell Biology Lab Meeting	<ul style="list-style-type: none"> <li>• Every Tuesday, 09:00-11:00 a.m. (currently via Zoom)</li> <li>• Every Friday 09:00-11:00 a.m. (currently via Zoom)</li> </ul>	<a href="mailto:lukas.a.huber@i-med.ac.at">lukas.a.huber@i-med.ac.at</a>
Lusser Lab Meeting	Every second Monday, 10:00 a.m.; please contact Prof. Lusser directly	<a href="mailto:alexandra.lusser@i-med.ac.at">alexandra.lusser@i-med.ac.at</a>
Hengst Lab Meeting	Every Wednesday, 10:00 a.m.	<a href="mailto:ludger.hengst@i-med.ac.at">ludger.hengst@i-med.ac.at</a>
AG Hengst Lab Meeting	Every Wednesday, 10:00 a.m.	<a href="mailto:michael.kullmann@i-med.ac.at">michael.kullmann@i-med.ac.at</a>
Fiegl Lab Meeting	Every Wednesday, 09:00 a.m., Frauen-Kopf-Klinik 2 <sup>nd</sup> floor, Laboratory for Clinical Biochemistry	<a href="mailto:Heidelinde.Fiegl@i-med.ac.at">Heidelinde.Fiegl@i-med.ac.at</a>
Villunger/Herzog/Labi Lab Meeting	Every Wednesday, 09:00 a.m. from 06.10.2021, please contact Prof. Villunger directly	<a href="mailto:andreas.villunger@i-med.ac.at">andreas.villunger@i-med.ac.at</a>
Weiss Lab Meeting	Every Wednesday 16:00-17:00 a.m.	<a href="mailto:guenter.weiss@i-med.ac.at">guenter.weiss@i-med.ac.at</a>
Kleiter Lab Meeting	individual dates, please contact Prof. Kleiter directly	<a href="mailto:Natascha.Kleiter@i-med.ac.at">Natascha.Kleiter@i-med.ac.at</a>
Patho Lab Meeting	Every second Wednesday, 10:30 a.m. (Start: 13.10.2021); Inst. of Pathology, Müllerstraße 44 1 <sup>st</sup> floor, Bibliothek	<a href="mailto:pathologie@i-med.ac.at">pathologie@i-med.ac.at</a> or <a href="mailto:claudia.manzl@i-med.ac.at">claudia.manzl@i-med.ac.at</a>
Hagenbuchner Lab/Ausserlechner Lab Meeting	Every Friday, 09:00 a.m.; Innrain 66 4 <sup>th</sup> floor seminar room	<a href="mailto:Judith.Hagenbuchner@i-med.ac.at">Judith.Hagenbuchner@i-med.ac.at</a> or <a href="mailto:Michael.J.Ausserlechner@i-med.ac.at">Michael.J.Ausserlechner@i-med.ac.at</a>

\*Stand: 24.09.2021

# Biocenter Seminar Series SS 2022

Date	Speaker Title	Lab, Institute	Fridays at 16:00 s.t. Lecture hall
04.03.22	<b>Santosh Phuyal</b> <b>Linking mechanobiology to secretory trafficking via Rac1 signaling at the ER</b>	Pathophysiology, Hesso Farhan	online
11.03.22	<b>Johannes Holfeld</b> <b>Heart regeneration becomes reality: Shockwave therapy from bench to the CAST-HF trial</b>	Department of Cardiac Surgery	M.01.470 M.01.490
18.03.22	<b>Katharina Hutter</b> <b>Regulation of immune cell development by the miR-15 family</b>	Developmental Immunology, Sebastian Herzog	M.01.470 M.01.490
25.03.22	<b>Dominik Moncher</b> <b>A window into early-stage peripheral nerve regeneration</b>	Neurobiochemistry, Rüdiger Schweigreiter	M.01.470 M.01.490
01.04.22	<b>Maximilian Kohl</b> <b>Translation initiation at ambiguous start sites: setting the right frame</b>	Genomics and RNomics, Matthias Erlacher	M.01.470 M.01.490
08.04.22	<b>Martin Lang</b> <b>Crosstalk of organelles in Parkinson's disease – mitochondrial and lysosomal dysfunctions connecting disease biology and druggable targets</b>	Eurac Bozen/Institute of Biomedicine	M.01.490
29.04.22	<b>Matthias Misslinger</b> <b>Siderophore utilization by <i>Aspergillus fumigatus</i></b>	Molecular Biology, Hubertus Haas	M.01.470 M.01.490
06.05.22	<b>Heidi Jäkel</b> <b>Novel aspects of p27 tyrosine phosphorylation: Evidence from p27 tyrosine deficient mice</b>	Medical Biochemistry, Ludger Hengst	M.01.470 M.01.490
13.05.22	<b>Georgios Fotakis</b> <b>Immunoediting in colorectal cancer</b>	Bioinformatics, Zlatko Trajanoski	M.01.470 M.01.490
10.06.22	<b>David Heimdörfer</b> <b>Non-coding RNAs and their functions in neuro-developmental disease</b>	Genomics and RNomics, Alexander Hüttenhofer	M.01.470 M.01.490
24.06.22	<b>Theresia Dunzendorfer-Matt</b> <b>NECESSITY – New chemical entities for modulating Sars-CoV-2 activity</b>	Inst. Biological Chemistry, Klaus Scheffzek	M.01.470 M.01.490

ZOOM ID: 822 7538 3658, Passcode: 715884



# Core Subject

## Method courses

(min: 2 courses, 2 x 1.5 ECTS)

- **Molecular Biology**
  - Genome Editing, Molecular biological Techniques
  - CSI Innsbruck
  - Next generation sequencing
- **Cell Biology & Biochemistry**
  - Cell culture, lysis, fractionation and detection of specific proteins and their activity
  - Mass spectrometry, metabolomics, lipidomics
- **Imaging /FACS**
  - Fluorescence Microscopy Techniques
  - Live cell imaging and superresolution microscopy
  - Introduction to Flow Cytometry
- **Bioinformatics, Data Bases access & analysis**
  - Introduction to R programming for data science
  - Bioinformatics
  - Biological databases
- **Onco-Immunology**
  - Immunology
  - Translational Oncology
- **3D-bioprinting**

**PLEASE SIGN UP  
THROUGH THE PhD OFFICE ->  
email to Petra Duspara  
no later than 7.3.2022**

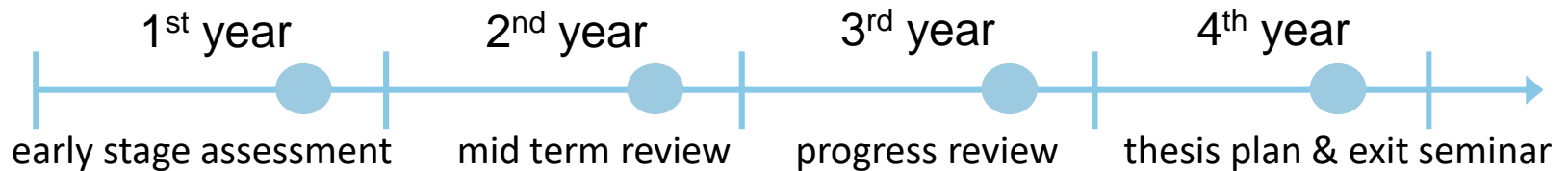
# Method courses for SS

LV-Nr	Titel der LV	Lehrende
041503	Fluorescence Microscopy Techniques	Campiglio M, Flucher B, Offterdinger M, Kummer K
041520	Life Cell Imaging and Superresolution Microscopy	Geley S, Offterdinger M
041539	Genome Editing	Geley S, Herzog S
041538	Translational Oncology	Sampson N, Puhr M, Schäfer G (Deichsler S), Wollmann G
170092	Introduction into Flow Cytometry	Sopper S (Bösch M)
049509	Viral Gene Transfer	Ritsch A
049505	Introduction to Next Generation Sequencing data analysis	Coassin S, Schönherr S
049507	CSI Innsbruck: analysis and interpretation of forensic DNA markers	Parson W (Bodner M)
049510	Mass Spectrometry for Metabolomics and Lipidomics	Oberacher H, Keller M, Gostner J

# MCBD seminar

Every Wednesday @ 12

## The annual progression points



**20 Minutes:**

**hypothesis – open questions - results – bigger picture**

**try to couple it to your TAC meeting**

**Location: Pathology Lecture Hall**

# MCBD seminar

## MCBD Seminar Talks – SS 2022

date	student/lab/title/room
<u>02.03.2022</u> 12:00-13:00	<b>Grubwieser Phillip (Theurl Lab)</b> <i>Iron at the respiratory Host-Pathogen-Interface: Airway epithelial cells differentially adapt their iron metabolism to infection with Klebsiella pneumoniae and Escherichia coli in vitro</i> <b>Wohlfarter Yvonne (Keller Lab)</b> <i>The physiological relevance of HSD10 on the CL homeostasis</i> ➤ Pathologie-HS (Müllerstraße 44)
<u>09.03.2022</u> 12:00-13:00	<b>Pözl Leo (Holfeld Lab)</b> <i>tba</i> <b>Savic Dragana (Skvortsova Lab)</b> <i>tba</i> ➤ Pathologie-HS (Müllerstraße 44)
<u>16.03.2022</u> 12:00-13:00	<b>Rössler Annika (von Laer Lab)</b> <i>tba</i> <b>Angerer Katharina (Tancevski Lab)</b> <i>tba</i> ➤ Pathologie-HS (Müllerstraße 44)
<u>23.03.2022</u> 12:00-13:00	<b>Dieckmann Sophie (Stoitzner Lab)</b> <i>tba</i> <b>Framm Johanna (Hüttenhofer Lab)</b> <i>tba</i> ➤ Pathologie-HS (Müllerstraße 44)
<u>30.03.2022</u> 12:00-13:00	<b>Dunworth Chris (Farhan Lab)</b> <i>tba</i> <b>Hoppe Katharina (Labi Lab)</b> <i>tba</i> ➤ Pathologie-HS (Müllerstraße 44)
<u>06.04.2022</u> 12:00-13:00	<b>Böck Nina (Trajanoski Lab)</b> <i>tba</i> <b>Hornsteiner Florian (Stoitzner Lab)</b> <i>tba</i> ➤ Pathologie-HS (Müllerstraße 44)
<u>27.04.2022</u> 12:00-13:00	<b>Di Maio Silvia (Coassin Lab)</b> <i>tba</i> <b>Koutnik Jiri (Baier Lab)</b> <i>tba</i> ➤ Pathologie-HS (Müllerstraße 44)
<u>04.05.2022</u> 12:00-13:00	<b>Steinacher Claudia (Schrott-Fischer Lab)</b> <i>tba</i> <b>Danklmaier Sarah (von Laer Lab)</b> <i>tba</i> ➤ Pathologie-HS (Müllerstraße 44)
<u>11.05.2022</u> 12:00-13:00	<b>Hajdu Renata (Farhan Lab)</b> <i>tba</i> <b>Kompatscher Maria (Erlacher Lab)</b> <i>tba</i> ➤ Pathologie-HS (Müllerstraße 44)

## MCBD Seminar Talks – SS 2022

<u>18.05.2022</u> 12:00-13:00	<b>Schwaninger Gunda (Zschocke Lab)</b> <i>tba</i> <b>Eichin Felix (Villunger Lab)</b> <i>tba</i> ➤ Pathologie-HS (Müllerstraße 44)
<u>25.05.2022</u> 12:00-13:00	<b>Van Goubergen Jasper (Santer Lab)</b> <i>tba</i> <b>Humer Dominik (Baier Lab)</b> <i>tba</i> ➤ Pathologie-HS (Müllerstraße 44)
<u>01.06.2022</u> 12:00-13:00	<b>Sykora Martina (Sopper Lab)</b> <i>tba</i> <b>Waldhart Julia (Haybäck Lab)</b> <i>tba</i> ➤ Pathologie-HS (Müllerstraße 44)
<u>08.06.2022</u> 12:00-13:00	<b>Nykiel Kamila (Lusser Lab)</b> <i>tba</i> <b>Cattalani Cecilia (Huber Lab)</b> <i>tba</i> ➤ Pathologie-HS (Müllerstraße 44)
<u>15.06.2022</u> 12:00-13:00	<b>Parizadeh Amirabbas (Farhan Lab)</b> <i>tba</i> <b>Widerin Michael (Teis Lab)</b> <i>tba</i> ➤ Pathologie-HS (Müllerstraße 44)
<u>22.06.2022</u> 12:00-13:00	<b>Greier Maria do Carmo (Riechelmann Lab)</b> <i>tba</i> <b>Schwendinger Simon (Zschocke Lab)</b> <i>tba</i> ➤ Pathologie-HS (Müllerstraße 44)
<u>29.06.2022</u> 12:00-13:00	<b>Vogi Verena (Zschocke Lab)</b> <i>tba</i> <b>Schwabl Sinead Iduna (Teis Lab)</b> <i>tba</i> ➤ Pathologie-HS (Müllerstraße 44)
<u>06.07.2022</u> 12:00-13:00	<b>Spöck Sarah (Labi Lab)</b> <i>tba</i> <b>Riepler Lydia (von Laer Lab)</b> <i>tba</i> ➤ Pathologie-HS (Müllerstraße 44)

## Core Subject

# Scientific Presentations on International Conferences & Courses (max. 2 ECTS)

- Presenting poster/talks on international conferences can be credited with max. 2 ECTS (depending on the duration/program)
- also possible international courses: e.g. EMBO courses / FEBS courses
- as a rule of thumb: for 1 ECTS at least scientific program over 2.5 days
- make sure that you provide all information (meeting program etc.) together with the form. We will be **very strict** with these regulations.



# General Subjects

- Transferable skills that cover a variety of topics
- it is planned to take courses in ETHICS & STATISTIC mandatory for all PhD students

**Please sign up through i-med inside  
or directly with the respective faculty**

# Life Science Meeting 2022



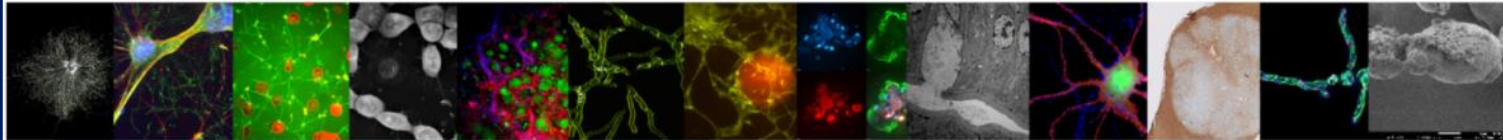
## LIFE SCIENCE PhD MEETING

INNSBRUCK

20<sup>th</sup> – 22<sup>nd</sup> April 2022



MEDIZINISCHE  
UNIVERSITÄT  
INNSBRUCK



### KEYNOTE SPEAKERS

**Ulrike Schleicher**

Institute for Microbiology, FAU, Erlangen, Germany

**Charlotte Simmler**

Institute of marine and terrestrial Biodiversity and Ecology,  
Universität Aix-Marseille

**Manuel Mayr**

King's College, London

**Diether Lambrechts**

KU Leuven Center of Cancer Biology, Belgium

**Peter Penzes**

University of Feinberg School of Medicine, USA

**Jerome Mertens**

(Institute for Molecular Biology, University of Innsbruck)



clinical PhD  
programmes



### WORKSHOP

"Animal-free Research"

**Abstract Submission  
Deadline Extended**

# MCBO best paper award

every year for one excellent publication in the field of molecular cell biology

- eligible every MUI PhD-student
- up to 1500 € travel money

2020



2021



**Deadline 4th April  
2022**

Sometimes your PhD  
will seem like an  
impossible task



With the help of  
others you will  
succeed

