

**MCBD KICK OFF WS 2023/2024**

**109 PhD students are currently active in the MCBD PhD-program**

# Our Homepage:

Please pay the ÖH-fee until 31st  
October, otherwise you will be  
exmatriculated

## 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), kick-off ppt, curriculum

# Coordination team



**Matthias Erlacher**

**MCBD coordinator**

Genomics and RNomics

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



**Patrizia Stoitzner**

**MCBD vice coordinator**

Dept. Dermatology,

Venereology & Allergology

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



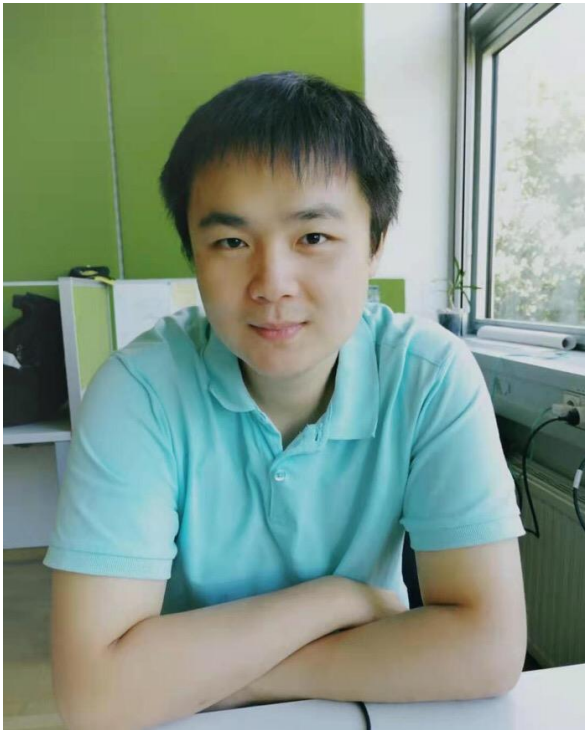
**Guido Wollmann**

**MCBD vice coordinator**

Virology

[guido.wollmann@i-med.ac.at](mailto:guido.wollmann@i-med.ac.at)

# Administration team



**Ruoyuan Wang**  
**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



**Brigitte Amtmann,**  
**PhD Office**

Fritz-Pregl-Straße 3, 4th Floor, Room: 4-060  
Tel.: +43 (0)512/9003-70050  
E-Mail: PhD-Studien@i-med.ac.at

**Please make an appointment before going there**  
**And please check regularly your [student.i-med.ac.at](https://student.i-med.ac.at) account!**



# MCBD student representatives



**Jiri Koutnik**

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



**Marina Schapfl**

E-mail: [marina.schapfl@i-med.ac.at](mailto:marina.schapfl@i-med.ac.at)



**Andreas Aufschnaiter**

E-mail: [andreas.aufschnaiter@i-med.ac.at](mailto:andreas.aufschnaiter@i-med.ac.at)

# 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 6 times</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>• <b>Molecular Biology, Cell Biology &amp; Biochemistry</b></li> <li>• <b>Imaging / FACS</b></li> <li>• <b>BioInformatics, Data Bases access &amp; analysis</b></li> <li>• <b>Onco-Immunology</b></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
- **Paper can be found on MCB D-homepage!**

**Please read  
the paper!**

# Core lectures

## MCBD I Core Lecture – WS 2023/24

			Date	Program	Lecturer	Room
	Mo		02.10. 08:00	MCBD – Semester Kick-Off Introduction/Information	Stoitzner/ Erlacher	Pathologie-HS
Cell biology	Mo	1	02.10.	Mitosis and cell division	Geley	Pathologie-HS
	Di	2	03.10.	Regulation of gene expression	Vietor	Pathologie-HS
	Mi		04.10.	MCBD Seminar		Pathologie-HS
	Do	3	05.10.	Cellular degradation pathways	Schmidt	Pathologie-HS
	Fr	4	06.10.	Cellular mechanobiology	Farhan	Pathologie-HS
	Mo	5	09.10.	Organelle signaling	Teis	Pathologie-HS
	Di	6	10.10.	DNA methylation	Labi	Pathologie-HS
	Mi		11.10.	MCBD Seminar		Pathologie-HS
Metabolism and cellular homeostasis	Do	7	12.10.	Cell death	Villunger	Pathologie-HS
	Fr	8	13.10.	Regulation of protein synthesis	Erlacher	Pathologie-HS
	Mo	9	16.10.	Kinases and Phosphatases in cellular homeostasis and diseases	Kullmann	Pathologie-HS
	Di	10	17.10.	Signaling in Cancer: drug discovery	Dunzendorfer – Matt	Pathologie-HS
	Mi		18.10.	MCBD Seminar		Pathologie-HS
	Do	11	19.10.	Lipid metabolism	Keller	Pathologie-HS
	Fr	12	20.10.	Changes in metabolic pathways	Hagenbuchner	Pathologie-HS

Mandatory and if you miss you need to take this lecture a year later!

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

- Choose to attend group-meetings of other MCB D groups → at least 4 x / semester
- Find a list of all group meetings on the MCB D-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:li.ch.ds-labor@tirol-kliniken.at">li.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.kulmann@i-med.ac.at">michael.kulmann@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>
Labor Virale Immuntherapie Lab Meeting	Every Friday, 11:00-13:00 a.m.; seminar room Virologie, Peter Mayr Straße 4b 3 <sup>rd</sup> floor	<a href="mailto:guido.wollmann@i-med.ac.at">guido.wollmann@i-med.ac.at</a>
Von Laer Lab	Always on the first Monday of the month, 13:30 p.m.	<a href="mailto:dorothee.von-laer@i-med.ac.at">dorothee.von-laer@i-med.ac.at</a> or <a href="mailto:Ulrike.Plank@i-med.ac.at">Ulrike.Plank@i-med.ac.at</a>
Genetic Epidemiology Meeting/Journal Club	Individual dates, please contact Stefan Coassin (usually every second Friday), 12:00-13:00	<a href="mailto:stefan.Coassin@i-med.ac.at">stefan.Coassin@i-med.ac.at</a>
Reindl Lab Meeting	Every second Tuesday, 14:00 p.m. Innrain 66 second floor	<a href="mailto:markus.reindl@i-med.ac.at">markus.reindl@i-med.ac.at</a>
Wilflingseder Lab	Every second Wednesday, 15:00 p.m. Schöpfstraße 41, third floor	<a href="mailto:doris.wilflingseder@i-med.ac.at">doris.wilflingseder@i-med.ac.at</a>
Urolab Seminar (Culig, Sampson, Pichler, Santer)	Every Tuesday 8:30, Uro Library, Staff Zone, Frauenkopfklinik 1st floor	<a href="mailto:frederic.santer@i-med.ac.at">frederic.santer@i-med.ac.at</a>

## BioCenter Seminar Series

Date	Speaker Title	Lab, Institute	Fridays at 16:00 s.t. Lecture hall M01.490
06.10.23	David Teis <b>Molecular membrane biology</b> (inaugural lecture)	<i>Molecular Biochemistry</i>	
13.10.23	Rezan Amjadi <b>Structural basis for nucleotide balancing in heart failure</b>	<i>Biological Chemistry – Klaus Scheffzek</i>	
20.10.23	Utku Horzum <b>Targeting endoplasmic reticulum trafficking in Multiple Myeloma</b>	<i>Pathophysiology – Hesso Farhan</i>	
10.11.23	Isabel Singer <b>Protein interactions and metabolic signalling at the lysosome</b>	<i>Cell Biology – Lukas Huber</i>	
17.11.23	Johannes Passecker <b>Understanding cognitive function - an integrated approach from circuits to behavior and beyond</b>	<i>Neurobiochemistry</i>	
24.11.23	Maria Kompatscher <b>tRNA superwobbling – impact of tRNA sequence and modifications on decoding of synonymous glycine codons</b>	<i>Genomics and RNomics – Matthias Erlacher</i>	
01.12.23	Motahareh Solina Safari <b>Role of PKN1 in the hippocampus under physiological and pathophysiological conditions</b>	<i>MUI, Neurobiochemistry – Baier/zur Nedden</i>	
15.12.23	Isabel Delazer <b>The effect of m5C methyltransferases on mRNA expression dynamics</b>	<i>Molecular Biology – Alexandra Lusser</i>	
12.01.24	Patrizia Caballero <b>The fungal acyltransferase SidF is involved in biosynthesis of both fusarinine- and ferrichrome-type siderophores</b>	<i>Molecular Biology – Hubertus Haas</i>	
19.01.24	Marina Schapfl <b>Centrioles in B cell development and function</b>	<i>Developmental Immunology – Andreas Villunger</i>	
26.01.24	Valentin Marteau <b>High-resolution single cell atlas of colorectal cancer</b>	<i>Bioinformatics – Zlatko Trajanoski</i>	

Virtuell teilnehmen über ZOOM:

<https://us02web.zoom.us/j/6396823225?pwd=MHdGZmJSL0Z6T21hSn0zZi1Ldk1VUT09>

Meeting-ID: 639 682 3225 | Kenncode: qMTN4Z



Supported by



# 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  
via i-med.inside  
no later than  
12.10.2023**

**participation is  
mandatory!**



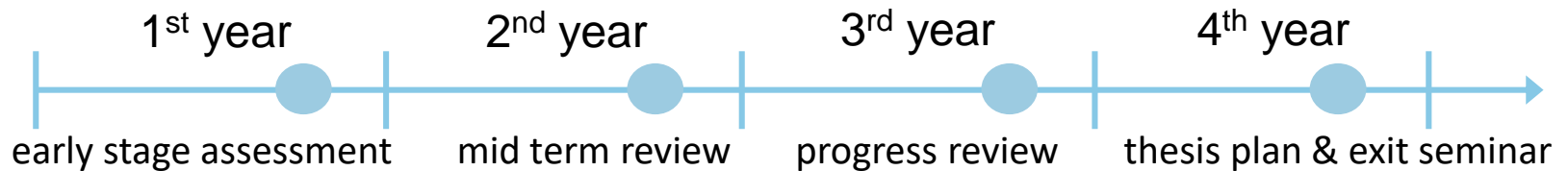
# Method courses for WS 2023

	credits	availability	information
<b>Immunology</b> <i>Posch, Wilflingseder, Tripp, Stoitzner</i>	1,5 (VU)	WS	<a href="#">more information</a>
<b>Bioinformatics</b> <i>Hackl</i>	1,5 (VU)	WS	<a href="#">more information</a>
<b>Introduction into Flow Cytometry</b> <i>Sopper, Bösch</i>	1,5 (VU)	WS/SS	<a href="#">more information</a>
<b>Biological Databases</b> <i>Schwelberger</i>	1,5 (VU)	WS	<a href="#">more information</a>
<b>3D Bioprinting, Tissue Engineering and Rapid Prototyping</b> <i>Außerlechner, Hagenbuchner</i>	1,5 (VU)	WS	<a href="#">more information</a>
<b>Key Techniques: cell culture, lysis, fractionation and detection of specific proteins and their activity</b> <i>Eca Guimaraes Araujo M, Vietor</i>	1,5 (VU)	WS	<a href="#">more information</a>
<b>Introduction to data analysis with R</b> <i>Keller, Koch</i>	1,5 (VU)		<a href="#">more information</a>

# 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**

**Compulsory, if you cannot make it please  
notify the PhD office per email**

**And please encourage your supervisor  
and TAC-members to join as this is your  
annual progress report**

# MCBD seminar

## Scheduled dates for MCBD seminar talks, WS 2023-2024

WS 2023-24 – 15 dates, 31 slots

date	speaker 1	speaker 2	time/room
04.10.2023		Sarah Danklmaier	12:00-13:00; Pathologie-Hörsaal
11.10.2023	Muller Lynn	Greier Maria do Carmo (Riechelmann Lab)	12:00-13:00; Pathologie-Hörsaal
18.10.2023	Homs Perez Laura	Waldhart Julia (Haybäck Lab)	12:00-13:00; Pathologie-Hörsaal
25.10.2023	Marlene Pühringer	Pervaiz Javeria (Haas Lab)	12:00-13:00; Pathologie-Hörsaal
08.11.2023	Cremer Jan-Clemens	Diem Gabriel	12:00-13:00; Pathologie-Hörsaal
15.11.2023	Dunworth Christopher John	Kummer Denise	12:00-13:00; Pathologie-Hörsaal
22.11.2023	Hajdu Renata	Jasmin Hatami	12:00-13:00; Pathologie-Hörsaal
29.11.2023	Jäger Michael	Mayr Michaela Maria	12:00-13:00; Pathologie-Hörsaal
06.12.2023	Oberegger Simon	Pertler Elke	12:00-13:00; Pathologie-Hörsaal
13.12.2023	Popottnigg Jessica Patricia	Lydia Riepler	12:00-13:00; Pathologie-Hörsaal
20.12.2023	Purwar Astha	Quilez Playan Nayima	12:00-13:00; Pathologie-Hörsaal
10.01.2024	Elisabeth Maria Damisch	Schapfl Marina	12:00-13:00; Pathologie-Hörsaal
17.01.2024	Schneider Sabrina	Weidacher Nina	12:00-13:00; Pathologie-Hörsaal
24.01.2024	Dünser Christina Sophie	Wölk Johannes	12:00-13:00; Pathologie-Hörsaal
31.01.2024	Castillo Giron Carlos Miguel	Carollo Sandro	12:00-13:00; Pathologie-Hörsaal
07.02.2024	Andolfi Chiara	Martina Mari	12:00-13:00; Pathologie-Hörsaal

**If you need to cancel please notify the PhD office well in advance so that we can offer the slot to another student!!!**

## 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, screen shot, 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**

