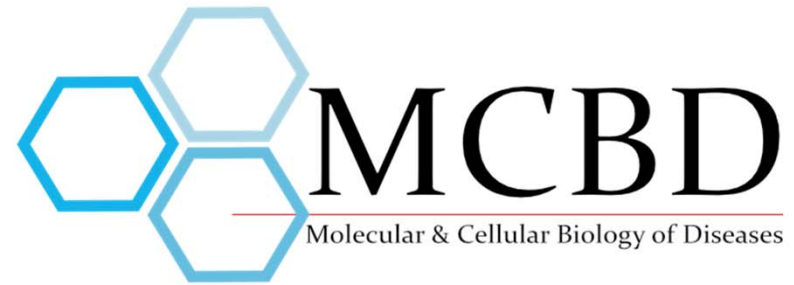


MCBD KICK OFF WS 2022/2023



126 PhD students are currently active in MCBD
37 PhD students started since 2021
20 PhD students graduated since 2021

Our Homepage:



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

→ All information on teaching (methods courses, core lectures, MCBD seminars), kick-off ppt-presentation, curriculum

Coordination team



Patrizia Stoitzner
MCBD coordinator
Dept. Dermatology,
Venereology & Allergology
patrizia.stoitzner@i-med.ac.at



Matthias Erlacher
GEG/MCBD coordinator
Biocenter
Genomics and RNomics
Matthias.erlacher@i-med.ac.at



Verena Labi
MCBD coordinator
Biocenter
Developmental Immunology
verena.labi@i-med.ac.at

Administration team



Brigitte Amtmann,

Still searching!

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

PhD Office

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

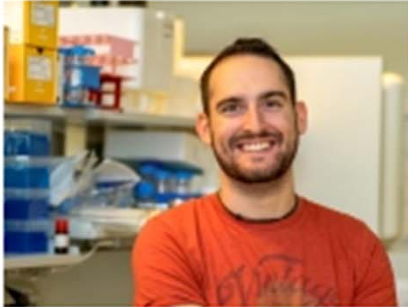
Tel.: +43 (0)512/9003-70050

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 account!

MCBD student representatives



Braun Vincent

E-Mail: vincent.braun@i-med.ac.at

Supervisor: Villunger Andreas

*We are looking
for a new student
representative*



Jiri Koutnik

E-mail: 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 MCBBD 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
MCBD Seminars: 6 ECTS	Seminar (+PhD proposal, 2-3 pages in the 1st year) (6 = 6 x 1)	6 x 1 ECTS						
Core subjects: 8-10 ECTS	Core lectures	2 x 1,5 ECTS						
	Joint Seminars	max. 6 x 0,5 ECTS						
	Methods courses • Molecular Biology, Cell Biology & Biochemistry • Imaging / FACS • BioInformatics, Data Bases access & analysis • Onco-Immunology	take two courses						
	Scientific Presentations on International Conferences & Courses	max. 2 ECTS						
General Subjects: 4-6 ECTS	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

- every day for three weeks , mandatory
- 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 the homepage attached to the core lecture plan
- **You need to take one exam per semester, total 2 for the whole series**

Please read the paper!

Core lectures

Pathologie-HS (Müllerstraße 44)

MCBD I Core Lecture – WS 2022/23

			Date	Program	Lecturer	Room
						Pathologie-HS (Müllerstraße 44)
Cell biology	Mo	1	03.10.	Mitosis and cell division	Geley	Pathologie-HS (Müllerstraße 44)
	Di	2	04.10.	Regulation of gene expression	Vietor	Pathologie-HS (Müllerstraße 44)
	Do	3	06.10.	Cellular degradation pathways	Schmidt	Pathologie-HS (Müllerstraße 44)
	Fr	4	07.10.	Regulation of protein synthesis	Erlacher	Pathologie-HS (Müllerstraße 44)
	Mo	5	10.10.	Cellular mechanobiology	Farhan	Pathologie-HS (Müllerstraße 44)
	Di	6	11.10.	Cell death	Villunger	Pathologie-HS (Müllerstraße 44)
Metabolism and cellular homeostasis	Do	7	13.10.	DNA methylation	Labi	Pathologie-HS (Müllerstraße 44)
	Fr	8	14.10.	Organelle signaling	Teis	Pathologie-HS (Müllerstraße 44)
	Mo	9	17.10.	Kinases and Phosphatases in cellular homeostasis and diseases	Kullmann	Pathologie-HS (Müllerstraße 44)
	Di	10	18.10.	Signaling in Cancer: drug discovery	Dunzendorfer – Matt	Pathologie-HS (Müllerstraße 44)
	Do	11	20.10.	Lipid metabolism	Keller	Pathologie-HS (Müllerstraße 44)
	Fr	12	21.10.	Changes in metabolic pathways	Hagenbuchner	Pathologie-HS (Müllerstraße 44)

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

- Choose to attend group-meetings of other MCBBD groups → at least 4 x / semester
- Find a list of all group meetings on the MCBBD-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.	matthias.erlacher@i-med.ac.at
Sopper Lab Meeting	Every Thursday, 04:00 p.m.	Sieghart.sopper@i-med.ac.at
Dubrac Lab Meeting	Every Friday, 02:00 p.m.	sandrine.dubrac@i-med.ac.at
Trajanoski Lab Meeting (Bioinformatics)	Every Tuesday, 02:00 p.m.	Zlatko.trajanoski@i-med.ac.at
Kaser Lab Meeting	individual dates, please contact Prof. Kaser directly	Susanne.kaser@i-med.ac.at
Flucher Lab Meeting	Every 2nd Tuesday, 09:00 a.m.	Bernhard.e.flucher@i-med.ac.at
Farhan Lab Meeting	Every Tuesday, 09:00 a.m. (CCB, M.01.470 or M.01.490)	Hesso.farhan@i-med.ac.at
Teis Lab Meeting	Every Thursday, 11:00 a.m.	David.teis@i-med.ac.at
Herzchirurgisches Forschungslabor Meeting	Every Monday, 08:30 a.m. (Innrain 66) - see attached program	can.gt@i-med.ac.at
Zoller Lab Meeting	Every Wednesday, 09:00 a.m.	Heinz.zoller@i-med.ac.at
Sampson Lab Meeting	Every Tuesday, 08:30 a.m., Frauen-Kopf-Klinik 1 st floor (place to be announced)	Natalie.sampson@i-med.ac.at
Hackl Lab Meeting	Every Thursday, 03:00 p.m., CCB administration area, 1 st floor	Hubert.hackl@i-med.ac.at
Immunology Lab Meeting (Stoitzner Lab)	Every Friday, 12:30-13:30 p.m., Hörsaal Hautklinik	Patrizia.stoitzner@i-med.ac.at
Troppmair Lab Meetings / Daniel Swarovski Lab	- DSL Seminar: Every Monday, 03:15 p.m. (SR Nord, 12th Floor, Building Chirurgie) - Wednesday Morning Meeting (WMM): Every Wednesday, 09:15 a.m., Seminar Room TKFI, Innrain 66 ➔ only during the regular semesters – please contact the Lab for the detailed program!	lki.ch.ds-labor@tirol-kliniken.at
Culig Lab Meeting	Every Tuesday, 08:30-09:30 a.m., Hörsaal Augenklinik, Frauenkopfklinik 1 st floor	zoran.culig@i-med.ac.at
Schmuth Lab Meeting	Every Friday 03:00 p.m., seminar room, dermatology	viktoria.migschitz@tirol-kliniken.at
Huber Lab Meeting/Cell Biology Lab Meeting	• Every Tuesday, 09:00-11:00 a.m. (currently via Zoom) • Every Friday 09:00-11:00 a.m. (currently via Zoom)	lukas.a.huber@i-med.ac.at
Lusser Lab Meeting	Every second Monday, 10:00 a.m.; please contact Prof. Lusser directly	alexandra.lusser@i-med.ac.at
Hengst Lab Meeting	Every Wednesday, 10:00 a.m.	ludger.hengst@i-med.ac.at
AG Hengst Lab Meeting	Every Wednesday, 10:00 a.m.	michael.kullmann@i-med.ac.at
Fiegl Lab Meeting	Every Wednesday, 09:00 a.m., Frauen-Kopf-Klinik 2 nd floor, Laboratory for Clinical Biochemistry	Heidelinde.Fiegl@i-med.ac.at
Villunger/Herzog/Labi Lab Meeting	Every Wednesday, 09:00 a.m. from 06.10.2021, please contact Prof. Villunger directly	andreas.villunger@i-med.ac.at
Weiss Lab Meeting	Every Wednesday 16:00-17:00 a.m.	guenter.weiss@i-med.ac.at
Kleiter Lab Meeting	individual dates, please contact Prof. Kleiter directly	Natascha.Kleiter@i-med.ac.at
Patho Lab Meeting	Every second Wednesday, 10:30 a.m. (Start: 13.10.2021); Inst. of Pathology, Müllerstraße 44 1 st floor, Bibliothek	pathologie@i-med.ac.at or claudia.manzl@i-med.ac.at
Hagenbuchner Lab/Ausserlechner Lab Meeting	Every Friday, 09:00 a.m.; Innrain 66 4 th floor seminar room	Judith.Hagenbuchner@i-med.ac.at or Michael.J.Ausserlechner@i-med.ac.at

*Stand: 24.09.2021

WS 2022/23

Date	Speaker Title	Lab, Institute	Fridays at 16:00 s.t. Lecture hall M.01....
07.10.22			470/490
14.10.22	David Hoffmann Developing vascular organoids into cellular therapies	Angios	470/490
21.10.22	Yannick Weyer Membrane protein quality control in endomembranes	Cell Biology - David Teis	490
04.11.22	Sabrina Sailer Adaptations of the cellular 3T3-L1 lipidome upon AGMO knockdown	Biological Chemistry - Kathrin Watschinger	470
11.11.22	Stephanie Walch Novel functions of the chaperone UNC45A in epithelial polarity and congenital enteropathies	Cell Biology - Taras Valovka Pediatrics I - Andreas Janecke	470/490
18.11.22	Isidor Happacher A novel "old" function for ferrirocin in <i>Aspergillus fumigatus</i>	Molecular Biology - Hubertus Haas	470/490
25.11.22	Amirabbas Parizade Identification of TPD52L2 as a regulator of cell migration and the actin cytoskeleton	Pathophysiology - Hesso Farhan	470
02.12.22	Magdalena Fickl 6-Thioguanosine monophosphate prodrugs to counteract thiopurine resistance in leukemia and breast cancer cells *Lecture hall: M590208 - Müllerstrasse 59, 2 OG	Molecular Biology - Alexandra Lusser	*
13.01.23	Nina Böck Molecular mimicry in cancer	Bioinformatics - Zlatko Trajanoski	470/490
20.01.23	Stefan Salcher Neutrophils in lung cancer	Internal Medicine V - Dominik Wolf Bioinformatics - Zlatko Trajanoski	470/490
27.01.23	Vincent Braun The PIDDosome in p53-dependent tumor suppression	Developmental Immunology - Andreas Villunger	470/490

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
10.10.2022**

**participation is
mandatory!**

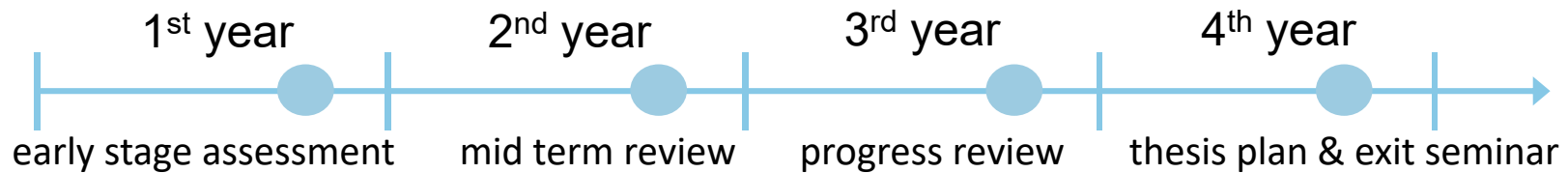
Method courses for WS 2022/23

040019		23.11.22, 09-17	Immunology	Stoitzner P, Posch W, Tripp C, Wilflingseder D	
		24.11.22, 09-17	Immunology		
		30.11.22, 09-17	Immunology		
		01.12.22, 09-17	Immunology		
041035		12.12.2022 09-12, 13-16	Bioinformatics	Hackl H.	
		13.12.2022 09-12, 13-16	Bioinformatics	Hackl H.	
		14.12.2022 09-12, 13-16	Bioinformatics	Hackl H.	
		15.12.2022 09-12, 13-16	Bioinformatics	Hackl H.	
170092		Will be arranged with students directly	Introduction into Flow Cytometry	Sopper S. (Bösch M.)	
049004		16.01.23, 08-12	Biological Databases	Schwelberger H.	
		17.01.22, 08-12	Biological Databases	Schwelberger H.	
		18.01.22, 08-12	Biological Databases	Schwelberger H.	
		19.01.22, 08-12	Biological Databases	Schwelberger H.	
		20.02.22, 08-12	Biological Databases	Schwelberger H.	
049511		January	3D Bioprinting Tissue Engineering and Rapid Prototyping	Außerlechner M. Hagenbuchner J.	
041540		Will be announced in September	Key Techniques: cell culture, lysis, fractionation and detection of specific proteins and their activity	Eca Guimaraes Araujo M, Victor I	
999551			Introduction to data analysis with R	Keller M. (Koch 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

Compulsory, you need to attend at least 10 times, if you cannot make it please notify the PhD office per email

And please insist that your supervisor and TAC-members attend your seminar as this is your annual progress report

MCBD seminar

date	speaker 1	speaker 2	time/room
28.09.2022	Schapfl Marina (Villunger Lab)		12:00-13:00; Pathologie-HS, (Müllerstraße 44)
05.10.2022	Danklmaier Sarah (von Laer Lab)	Wölk Johannes (Kleiter Lab)	12:00-13:00; Pathologie-HS, (Müllerstraße 44)
12.10.2022	Cattelani Cecilia (Huber Lab)	Oberegger Simon (Haas Lab)	12:00-13:00; Pathologie-HS, (Müllerstraße 44)
19.10.2022	Homs Perez Laura (Weiss Lab)	Birstonas Lukas (Gsaller Lab)	12:00-13:00; Pathologie-HS, (Müllerstraße 44)
02.11.2022	Andolfi Chiara (Culig Lab)	Gebert Rita (Zoller Lab)	12:00-13:00; Pathologie-HS, (Müllerstraße 44)
09.11.2022	Daum Sophia (Pircher Lab)	Quilez Nayima (Kaser Lab)	12:00-13:00; Pathologie-HS, (Müllerstraße 44)
16.11.2022	Cremer Jan (Keller Lab)	Schneider Sabrina (Wollmann Lab)	12:00-13:00; Pathologie-HS, (Müllerstraße 44)
23.11.2022	Purwar Astha (Teis Lab)	Hofmann Julia (Schneeberger Lab)	12:00-13:00; Pathologie-HS, (Müllerstraße 44)
30.11.2022	Carollo Sandro (Trajanoski Lab)	Brandl Sarah (Reindl Lab)	12:00-13:00; Pathologie-HS, (Müllerstraße 44)
07.12.2022	Hatami Jasmin (von Laer Lab)	Pühringer-Sturmayer Marlene (Schneeberger Lab)	12:00-13:00; Pathologie-HS, (Müllerstraße 44)
14.12.2022	Monfort Lanzas Pablo (Hackl Lab)	Diem Gabriel (Posch Lab)	12:00-13:00; Pathologie-HS, (Müllerstraße 44)
21.12.2022	Lechner Sophia (Gollmann-Tepkölü Lab)	Mari Martina (Huber Lab)	12:00-13:00; Pathologie-HS, (Müllerstraße 44)
11.01.2023	Nemati Niloofar (Trajanoski Lab)	Sari Betül (Hengst Lab)	12:00-13:00; Pathologie-HS, (Müllerstraße 44)
18.01.2023	Damisch Elisabeth (Sampson Lab)	Wagner Sonja (Zoller Lab)	12:00-13:00; Pathologie-HS, (Müllerstraße 44)
25.01.2023	Waldhart Julia (Haybäck Lab)	Jäger Michael (Wilflingseder Lab)	12:00-13:00; Pathologie-HS, (Müllerstraße 44)
01.02.2023	Pertler Elke (Zoller Lab)	Singer Isabel (Geley Lab)	12:00-13:00; Pathologie-HS, (Müllerstraße 44)

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**

Sometimes your PhD
will seem like an
impossible task



With the help of
others you will
succeed

