

MCBD KICK OFF SS2024

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

Our Homepage:

Please pay the ÖH-fee until March 31st, 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



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Please make an appointment before going there

And please check regularly your student.i-med.ac.at account!

MCBD student representatives



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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
MCBD Seminars: 6 ECTS	Seminar 6 times	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 <ul style="list-style-type: none"> • 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

- 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;
- ask the lecturerer how the „examination“ will look like!

Core lectures

			Date	Program	Lecturer	Room
		Mo	03.03.	<i>MCBD – Semester Kick-Off Introduction/Information</i>	<i>Erlacher</i>	<i>Pathologie-HS</i>
Immunity	1	Mo	03.03.	Artificial Intelligence	Rockenschaub	<i>Pathologie-HS</i>
	2	Di	04.03.	B-cells	Herzog	<i>Pathologie-HS</i>
		Mi	05.03.	<i>MCBD Seminar</i>		
	3	Do	06.03.	Innate Immunity	Posch	<i>Pathologie-HS</i>
	4	Fr	07.03.	T-Cells	Kleiter	<i>Pathologie-HS</i>
	5	Mo	10.03.	Medical Genetics: Rare Diseases	Zschocke	<i>Pathologie-HS</i>
	6	Di	11.03.	Genetic epidemiology	Kronenberg	<i>Pathologie-HS</i>
		Mi	12.03.	<i>MCBD Seminar</i>		
	7	Do	13.03.	Forensic Genomics	Parson	<i>Pathologie-HS</i>
	Fr	14.03.	Epigenetics	Lusser	<i>Pathologie-HS</i>	
Molecular Mechanism of Diseases	9	Mo	17.03.	Iron and Phosphate Homeostasis	Heinz Zoller	<i>Pathologie-HS</i>
	10	Di	18.03.	Senescence and role in disease	Ausserlechner	<i>Pathologie-HS</i>
		Mi	19.03.	<i>MCBD Seminar</i>		
	11	Do	20.03.	ECM and role in disease	Sampson	<i>Pathologie-HS</i>
	Fr	21.03.	Cancer Vaccines and Oncolytic Viruses	Wollmann	<i>Pathologie-HS</i>	

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 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.
- alternative: Biocenter Seminar: Time: Friday's, 4pm

Joint Seminars

Lab Group	Time and Place	Contact
Erlacher Lab Meeting	Every Monday, 09:00 a.m.	matthias.erlacher@i-med.ac.at
Sopper Lab Meeting	Every Thursday, 01:00 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
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, 13:00-14:00 p.m., Hörsaal Hautklinik	Patrizia.stoitzner@i-med.ac.at
Brandacher Lab meeting/Daniel Swarovski Laboratory	- DSL Seminar: Every Monday, 03:30 p.m. (surgery building, 12th floor, conference room) → <i>only during the regular semesters – please contact the Lab for the detailed program!</i>	lki.ch.ds-labor@tirol-kliniken.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	<ul style="list-style-type: none"> • 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, 9:30 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
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
Labor Virale Immuntherapie Lab Meeting	every Wednesday 9am, seminar room TKFI, Innrain 66	guido.wollmann@i-med.ac.at
Von Laer Lab	Always on the first Monday of the month, 13:30 p.m.	dorothee.von-laer@i-med.ac.at or Ulrike.Plank@i-med.ac.at
Genetic Epidemiology Meeting/Journal Club	Individual dates, please contact Stefan Coassin (usually every second Friday), 12:00-13:00	stefan.Coassin@i-med.ac.at
Reindl Lab Meeting	Every second Tuesday, 14:00 p.m. Innrain 66 second floor	

Urolab Seminar (Culig, Sampson, Pichler, Santer)	Every Tuesday 8:30, Uro Library, Staff Zone, Frauenkopfklinik 1st floor	frederic.santer@i-med.ac.at
Schmidt lab	Biweekly Thursdays at 10 am	Oliver.Schmidt@i-med.ac.at
Zoran Culig	Every Tuesday at 8:30 am, Bibliothek Urologie 1. Stock, Frauenkopfklinik	zoran.culig@i-med.ac.at
Keller Lab	Every Monday 9:00	markus.keller@i-med.ac.at
Watschinger lab	Every Monday from 9-10:30	katrin.watschinger@i-med.ac.at
Gsaller Lab Meeting	Every Friday 1 p.m.	fabio.gsaller@i-med.ac.at
Schubert Lab Meeting	Every Thursday at 1 p.m.	m.schubert@i-med.ac.at

Start Time
12:00 noon

Date	Speaker Title	Institute – Work Group	Fridays - Lecture hall
14.03.25	Zlatko Trajanoski Phenotypes and spatial organization of neutrophils in colorectal cancer	Bioinformatics – Trajanoski	M.01.490
21.03.25	Stephanie Waich Deciphering the O2HE Syndrome: A new, pathogenic Unc45A variant associated with a severe but potentially treatable enteropathy	Cell Biology – Valovka	M.01.490
28.03.25	Adelheid Wöhrer Neuropathology at Innsbruck. How the first nine months unfolded and what's next in glioblastoma, Alzheimer's disease, and post-COVID	Pathology – Wöhrer	M.01.490
04.04.25	Jan Müller CAR T cells vs AML	Molecular Biochemistry – Müller	M.01.490
11.04.25	Theresia Dunzendorfer-Matt What can we learn from a 3D enzyme structure predicted by AI?	Molecular Biochemistry – Watschinger	M.01.490
25.04.25	Life Science PhD Meeting	PhD students	
09.05.25	Susana Godinho Centrosomes in cell signalling and vesicle positioning	Barts Cancer Inst London – Godinho	M.01.490
16.05.25	Michael Graber HIF2a induces cardiac fibrosis in heart failure via endothelial-to-mesenchymal transition	Cardiac Surgery – Gollmann-Tepeköylü	M.01.490
23.05.25	Sabine Liebscher Circuit mechanisms of neurodegenerative disorders	Neurobiochemistry – Liebscher	M.01.490
06.06.25	Michael Ebner Mechanisms and regulation of lysosomal lipid flux in health and disease	Molecular Biochemistry – Ebner	M.01.490
13.06.25	Laura Sammarco Identification of cargos for the L-type lectins VIP36 and VIPL	Pathophysiology – Reiterer-Farhan	M.01.490

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Core Subject

Method courses

(min: 2 courses, 2 x 1.5 ECTS)

- **Molecular Biology**
 - genome editing, techniques in molecular biology
 - 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
- **Onco-Immunology**
 - immunology
 - translational Oncology
- **3D-bioprinting**

**PLEASE SIGN UP
via i-med.inside**

**participation is
mandatory!**

Method courses for SS 2025

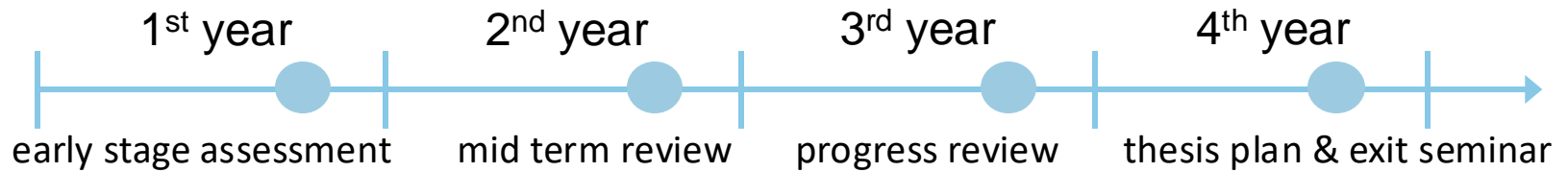
- **Fluorescence Microscopy Technique** (Campiglio, Flucher, Offterdinger, Kummer)
- **Live cell imaging and superresolution** (Geley, Offterdinger)
- **Genome editing** (Geley, Herzog)
- **Translation Oncology** (Sampson, Pur, Schäfer, Wollmann)
- **Introduction into flow cytometry** (Sopper, Bösch)
- **Viral Gene Transfer** (Ritsch)
- **Introduction to next generation sequencing & data analysis** (Coassin, Schönherr)
- **CSI Innsbruck: analysis and interpretation of forensic DNA markers** (Parson, Bodner)
- **Mass Spectrometry for Metabolomics and Lipidomics** (Oberacher, Keller, Gostner)
- **Genetic risk assessment for complex diseases** (Forer, Lamina)
- **Scientific Computing and Reproducible Data Analysis** (Lukas Forer)

Courses and dates can be found on the MCBD homepage

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: Histology 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, SS 2025

SS 2025 – 16 dates, 34 slots

date	speaker 1	speaker 2	time/room
05.03.2025	Alexeja Kleiter	Melissa Mayr	12:00-13:00; Histologie-HS
12.03.2025	Toni Rabensteiner	Popottnigg Jessica Patricia	12:00-13:00; Histologie-HS
19.03.2025	Sarah Brandl	Strich Sophie Luise	12:00-13:00; Histologie-HS
26.03.2025	Thomas Maurer	Weidacher Nina	12:00-13:00; Histologie-HS
02.04.2025	Kimia Hashemi	Szabo Luca	12:00-13:00; Histologie-HS
09.04.2025	Nils van Creij	Baris BEKDAS	12:00-13:00; Histologie-HS
30.04.2025	Martina Höllwarth	Schneider Sabrina	12:00-13:00; Histologie-HS
07.05.2025	Birstonas Lukas	Niklas Schomisch	12:00-13:00; Histologie-HS
14.05.2025	Dünser Christina Sophie	Homs Pérez Laura	12:00-13:00; Histologie-HS
21.05.2025	Janine Vierthaler	Antonia Aileen Degen	12:00-13:00; Histologie-HS
28.05.2025	Daniel Schreiber	Michaela Maria Mayr	12:00-13:00; Histologie-HS
04.06.2025	Homs Perez Laura	Adam Pollio	12:00-13:00; Histologie-HS
11.06.2025	Marchet Nikolas	Melanie Schmitt	12:00-13:00; Histologie-HS
18.06.2025	Muller Lynn	Eva Rauch	12:00-13:00; Histologie-HS
25.06.2025	Lang Viktor Benedikt	Hajdu Renata	12:00-13:00; Histologie-HS
02.07.2025	Doris Stepić	Purwar Astha	12:00-13:00; Histologie-HS
Waiting list: Laura Sammarco; Alexander Plesche; Melanie Balaz; Konstantin Adrian Siegmann; Lucija Kucej; Verena Sturmlehner			
WS 25/26: Viktorija Juric; Lena Ewers (October); Magdalena Fickl ; Aufschnaiter Andreas (Dec); Stephan Amstler; Trebo Manuel (start of WS25/26); Madersbacher Leonie			

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)

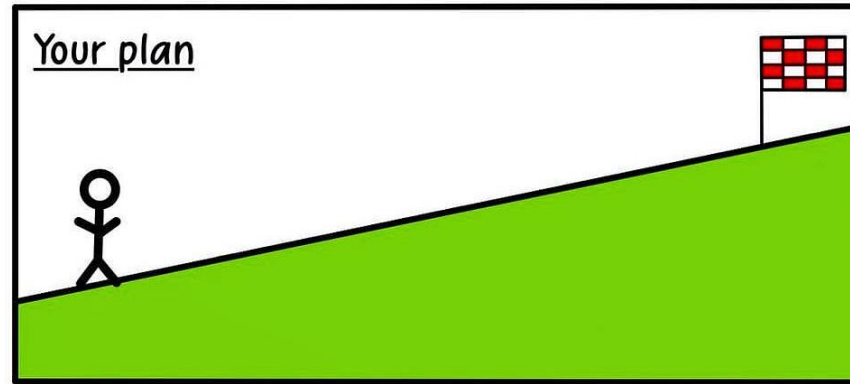
- Presenting poster/talks on international conferences can be credited with max. 2 ECTS (depending on the duration/program)
- also possible international courses: e.g. EMBO courses / FEBS courses
- as a rule of thumb: for 2 ECTS at least scientific program over 6 days (including a poster or talk)
- make 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
- Ethics, statistics, gender medicine, lab-safety, project management,.....

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

The PhD Journey



Start

Finish



@myphdexperience

Enjoy your PhD, create something new!