

**MCBD KICK OFF WS 2024/2025**

~100 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)



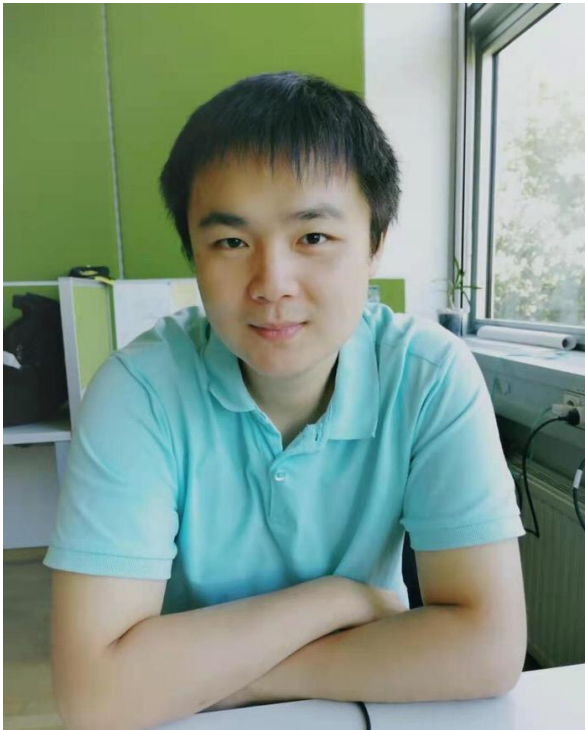
**Guido Wollmann**

**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](mailto:PhD-School@i-med.ac.at)



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

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**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 Aufschneider**

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

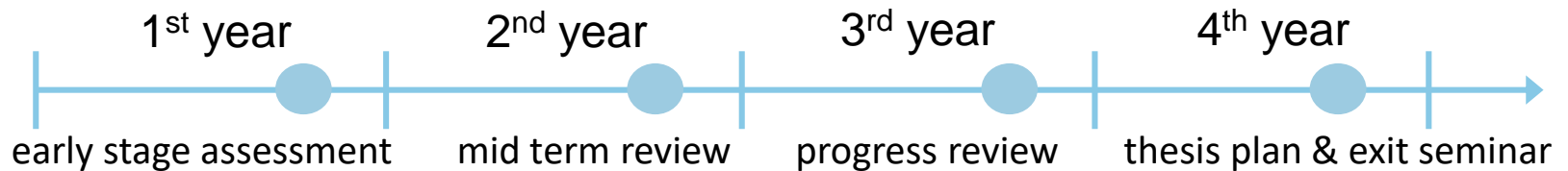
		ECTS	1	2	3	4	5	6
<b>MCBD Seminars: 6 ECTS</b>	<b>Seminar 6 times</b>	6 x 1 ECTS	█	█	█	█	█	█
<b>Core subjects: 8-10 ECTS</b>	<b>Core lectures</b>	2 x 1,5 ECTS	█	█				
	<b>Joint Seminars</b>	6 x 0,5 ECTS	█	█	█	█	█	█
	<b>Methods courses</b> <ul style="list-style-type: none"> <li>• <b>Molecular Biology, 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 .....		█	█				█



# 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, WS 2024\_25

WS 2024\_25 – 16 dates, 31 slots

date	speaker 1	speaker 2	time/room
02.10.2024	Kick off	Jasmin Hatami	12:00-13:00; Histologie-HS
09.10.2024	Francesco Costacurta	Hau Dominik	12:00-13:00; Histologie-HS
16.10.2024	Sophie Ann Erckert	Lena Ewers	12:00-13:00; Histologie-HS
23.10.2024	Nägele Felix	Marlene Lochner	12:00-13:00; Histologie-HS
30.10.2024	Janik Kokot	Paul Schweighofer	12:00-13:00; Histologie-HS
06.11.2024	Mieke Nicolai	Kummer Denise	12:00-13:00; Histologie-HS
13.11.2024	Castillo Giron Carlos Miguel	Cremer Jan	12:00-13:00; Histologie-HS
20.11.2024	Diem Gabriel	Alexandra Scheiber	12:00-13:00; Histologie-HS
27.11.2024	Gruber Rebecca Astrid	Martina Mari	12:00-13:00; Histologie-HS
04.12.2024	Hanisch Malou Karina	Marie Eling	12:00-13:00; Histologie-HS
11.12.2024	Thanida Laopanupong	Heberle Anne	12:00-13:00; Histologie-HS
18.12.2024	Carollo Sandro	Wölk Johannes	12:00-13:00; Histologie-HS
08.01.2025	Kinz Nadine	Kvalem Soto Erika Meyer	12:00-13:00; Histologie-HS
15.01.2025	Sari Betül	Veronika Cibulkova	12:00-13:00; Histologie-HS
22.01.2025	Mayr Michaela Maria	Muller Lynn	12:00-13:00; Histologie-HS
29.01.2025	Pertler Elke	Petermann Paul	12:00-13:00; Histologie-HS
Waiting list: Alexeja Kleiter; Popottnigg Jessica Patricia; Purwar Astha; Strich Sophie Luise; Trebo Manuel; Weidacher Nina; Kimia Hashemi; Eva Rauch; ; Nils van Creij			
SS 2025: Homs Perez Laura; Dünser Christina Sophie			

**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

# 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: Introduction into a scientific field; lecturer, provides insights into the concept and open questions in the field
- **If a publication is introduced you can find it at the MCBD homepage; please check!**

# Core lectures

Time: 8:15-10:00  
Location: Pathologie-HS

## MCBD I Core Lecture – WS 2024/25

			Date	Program	Lecturer	Room
Cell biology	Di	1	01.10.	Regulation of protein synthesis	Erlacher	Pathologie-HS
	Mi		02.10.	MCBD Seminar		Pathologie-HS
	Do	2	03.10.	Regulation of gene expression	Vietor	Pathologie-HS
	Fr	3	04.10.	Cellular degradation pathways	Schmidt	Pathologie-HS
	Mo	4	07.10.	Cellular mechanobiology	Farhan	Pathologie-HS
	Di	5	08.10.	Organelle signaling	Teis	Pathologie-HS
	Mi		09.10.	MCBD Seminar		Pathologie-HS
Metabolism and cellular homeostasis	Do	6	10.10.	DNA methylation	Labi	Pathologie-HS
	Fr	7	11.10.	Cell death	Villunger	Pathologie-HS
	Mo	8	14.10.	Mitosis and cell division	Geley	Pathologie-HS
	Di	9	15.10.	Kinases and Phosphatases in cellular homeostasis and diseases	Kullmann	Pathologie-HS
	Mi		16.10.	MCBD Seminar		Pathologie-HS
	Do	10	17.10.	Signaling in Cancer: drug discovery	Dunzendorfer – Matt	Pathologie-HS
	Fr	11	18.10.	Lipid metabolism	Keller	Pathologie-HS
Mo	12	21.10.	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 MCBBD groups → at least 4 x / semester
- Find a list of all group meetings on the MCBBD-homepage
- It is a important 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

## MCBO Joint Group Seminars - list of lab meetings, MCBD Faculty Members

Lab Group	Time and Place	Contact
Erlacher Lab Meeting	Every Monday, 09:00 a.m	<a href="mailto:matthias.erlacher@i-med.ac.at">matthias.erlacher@i-med.ac.at</a>
Sopper Lab Meeting	Every Thursday, 01:00 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>
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>➔ <i>only during the regular semesters – please contact the Lab for the detailed program!</i></p>	<a href="mailto:lki.ch.ds-labor@tirol-kliniken.at">lki.ch.ds-labor@tirol-kliniken.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, 9:30 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>
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 Wednesday 9am, seminar room TKFI, Innrain 66	<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>

## Winter Term 2024/25

New Start Time  
12:00  
noon

Date	Speaker Title	Institute – Work Group	Fr Fridays - Lecture hall M
18.10.24	Felix Eichin <b>Consequences of impaired PIDD1 autoprocessing</b>	Developmental Immunology - Villunger	M.01.490
08.11.24	Sebastian Herzog <b>How (some) miRNAs are made - cluster assistance as a peculiar feature of primary miRNA biogenesis</b>	Developmental Immunology - Herzog	M.01.470
15.11.24	Iduna Schwabl <b>Characterization of the Golgi quality control network</b>	Molecular Biochemistry - Teis	M.01.490
22.11.24	Francois Tyckaert <b>CAF-tracks: new information carriers in the tumor microenvironment</b>	Pathophysiology - Baschieri	M.01.470
29.11.24	Alexander Hüttenhofer <b>A journey into RNomics: everything you never wanted to know about RNA</b>	Genomics & RNomics - Hüttenhofer	M.01.470
6.12.24	Kamila Nykiel <b>A covalent RNA aptamer-ligand system as a tool for imaging and pull-down of specific intracellular RNAs</b>	Molecular Biology - Lusser	M.01.490
13.12.24	Silvia Di Maio <b>Repetitive regions in the human genome: a place for missing heritability?</b>	Genetic Epidemiology - Schönherr	M.01.490
10.01.25	Peter Zandstra <b>Stem cells in biomedical research</b>	Angios Biotech - Yordanov	M.01.490
17.01.25	Gerald Brandacher <b>Subzero organ preservation using nature-inspired cryoprotectants</b>	Daniel Swarovski Research Lab - Brandacher	M.01.470
24.01.25	Katharina Hoppe <b>Small RNAs with big impact: miR-17-92 miRNAs in development and disease</b>	Developmental Immunology - Labi	M.01.490
31.01.25	Gisa Gerold <b>Viruses: The hitchhiker's guide to the cell</b>	Virology - Gerold	M.01.470

**Every Friday at 1200!!!**

Virtuell teilnehmen über ZOOM:

<https://us02web.zoom.us/j/6396823225?pwd=MHdGZmJSL0Z6T21hSn0zZiUldk1VUT09>  
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
- **Onco-Immunology**
  - Immunology
  - Translational oncology
- **3D-bioprinting**

**PLEASE SIGN UP  
via [i-med.inside](https://i-med.inside)**

**participation is  
mandatory!**



# Method courses for WS2024/2025

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Immunology	Stoitzner, Posch, Tripp, Holzhauser
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Bioinformatics	Hackl
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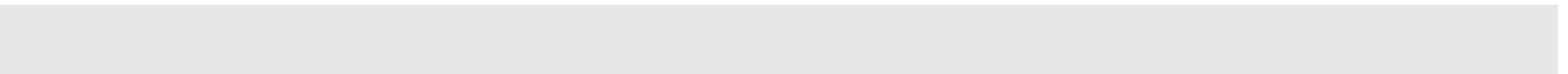
Introduction into Flow Cytometrie	Sopper, Bösch
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3D Bioprinting and Tissue Engineering	Außerlechner, Hagebuchner
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Key Techniques: Cell Culture, Lysis, fractionation...	Araujo, Vietor
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Introduction to data analysis with R	Keller
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Design and Analysis of (RNA) Sequencing Experiments for Biologists	Schubert
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## 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.

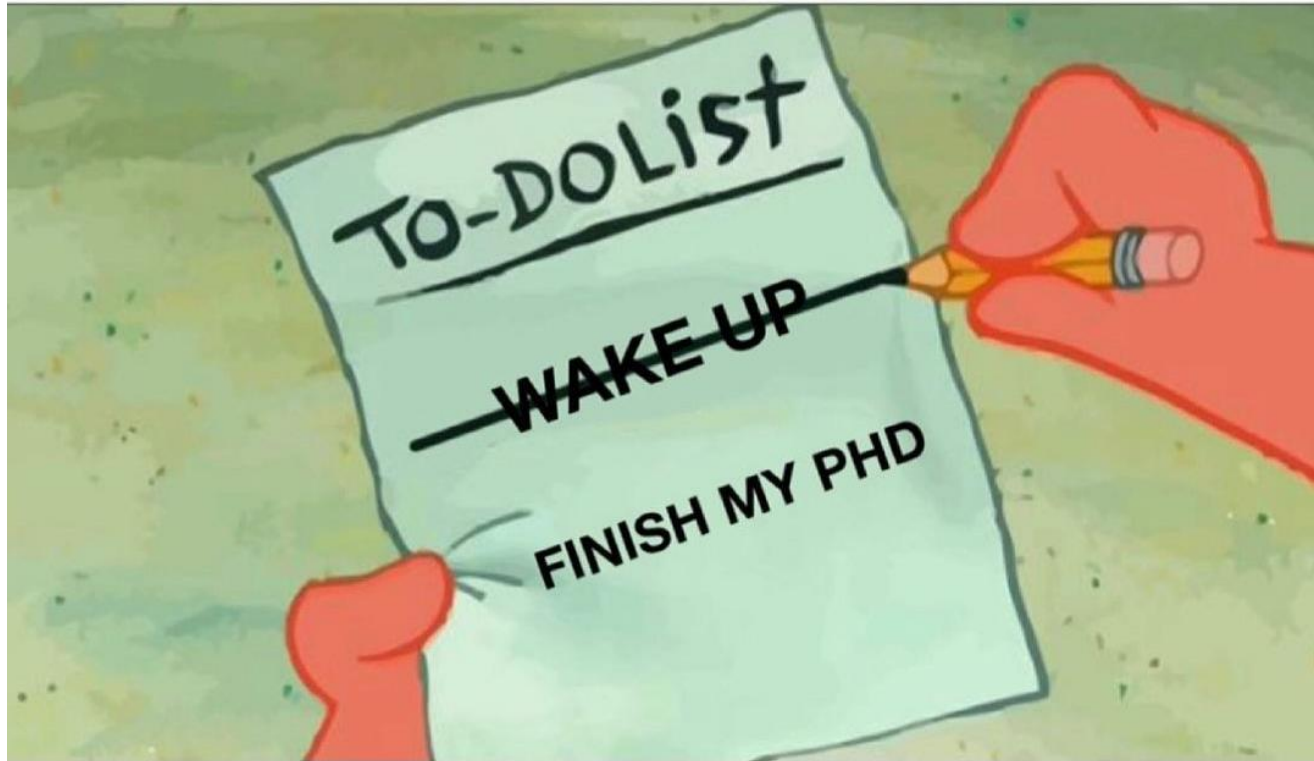
# General Subjects

- Transferable skills that cover a variety of topics
- Ethics and statistics are recommended but not (yet) mandatory!

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

# PhD directive

- Before you start writing your thesis:
  - Check you credit calculator
  - 4<sup>th</sup> TAC meeting and decide which reviewers and examiners
  - Read the PhD directive carefully (outline, statements, ...)
  - Contact Dennis Huber for a formal check (optional)
  - Send the DIGITAL version of the thesis to the coordinators BEFORE printing
  - Print thesis-submit
- Link to PhD Directive: <https://biomed-phd.i-med.ac.at/wp-content/uploads/2024/08/PhD-thesis-directive-new-version-august-2024.pdf>



**Enjoy your PhD, create something new!**