

	July 22th	July 23th	July 24th	July 25th	July 26th
9:15-10:00	Let's get to know each other: Short biosketch presentation by each student and teachers <i>Teacher: Muriel Mari (AU) and Fulvio Reggiori</i>	Self-study		Tutorial: Meet with your Tutors (discuss each group project per group) <i>Teachers: see Tutors list</i>	Self-study
10:15-11:00	Introduction to the course (Focus on the learning objectives, general lectures and research lectures) <i>Teacher: Muriel Mari (AU)</i>		How to critically read, analyze, extract and relate information from scientific articles <i>Teacher: Fulvio Reggiori (AU)</i>	Tips and tricks to give a good scientific presentation <i>Teacher: Muriel Mari (AU)</i>	
11:30-12:15	Introduction to the course (Focus on the tutorial): Give tutorial assignments <i>Teacher: Muriel Mari (AU)</i>		How to critically read, analyze, extract and relate information from scientific articles <i>Teacher: Fulvio Reggiori (AU)</i>	Self-study	
From 11:30	Self-study		Self-study		

Note: from the 22nd till 26th of July, online lectures; students do not need to be present on-site (e.g., AU).

IOS. Interactive Online Seminar

The program is preliminary, and changes may occur

	July 29th	July 30th	July 31st	August 1st	August 2nd
8:30-9:00	Welcome and introduction to the logistic details of the course <i>Coordinator: Muriel Mari</i>				
9:00-10:00	Eaten alive: The history of autophagy from its discovery. <i>Teacher: Fulvio Reggiori (AU)</i>	How to monitor autophagy (Part I) <i>Teacher: Muriel Mari (AU)</i>	The physiological roles of autophagy <i>Teacher: Ruben Gomez Sanchez (AU)</i>	Autophagy in neurodegeneration <i>Teacher: Cristina de la Torre (AU)</i>	Autophagy in neuropsychiatric disorders <i>Teacher: Samia Jonca (AU)</i>
10:15-11:15	The mechanism of autophagy (Part I) <i>Teacher: Fulvio Reggiori (AU)</i>	How to monitor autophagy (Part II) <i>Teacher: Muriel Mari (AU)</i>	The physiological roles of autophagy (research lecture 1) – Interactive online seminar (IOS) <i>Teacher: Nicolas Dupont (Institut Necker Enfants Malades, (INEM), Paris, F)</i>	Autophagy dysfunction in neurodegenerative disorders (research lecture 1) (Invited guest) <i>Teacher: David Rubinsztein (University of Cambridge, UK)</i>	Autophagy in neurodevelopmental disorders: therapy (research lecture) (IOS) <i>Teacher: Heinz Jungblouth (King's College London, UK)</i>
11:30-12:30	The mechanism of autophagy (Part II) <i>Teacher: Fulvio Reggiori (AU)</i>	Tutorial	The physiological roles of autophagy (research lecture 2) (IOS) <i>Teacher: Patricia Boya (University of Fribourg, CH)</i>	Autophagy dysfunction in neurodegenerative disorders (research lecture 2) (IOS) <i>Teacher: Anne Simonsen (Oslo University, N)</i>	Questions&answers (on lectures of the 1 st week) <i>Teacher: Muriel Mari & Fulvio Reggiori (AU)</i>
12:45-13:30	Get together: Picnic in the University Park (alternatively Skou canteen or equivalent)	Lunch	Lunch	Lunch	Lunch
13:30-14:30	Get together: Picnic in the AU park (alternatively Skou canteen or equivalent)	Self-study	Tutorial	Self-study	Tutorial
14:45-15:45	Self-study	Social event: BBQ and board-games in the AU park (alternatively Skou canteen or equivalent)	Self-study		Self-study
From 16:00					

	August 5th	August 6th	August 7th	August 8th	August 9th
9:00-10:00	Autophagy: an aggregate hunter (aggrephagy) <i>Teacher: Valentin Coppola (AU)</i>	Autophagy in infections/innate immunity (xenophagy) <i>Teacher: Yingying Cong (AU)</i>	Autophagy-pathogen interaction (research lecture 3) (IOS) <i>Teacher: Christian Munz (University of Zurich, CH)</i>	Autophagy in adaptative immunity (research lecture 2) (IOS) <i>Teacher: Santosh Chauhan (Institute of Life Sciences, Bhubaneswar, IN)</i>	9:00-10:00 Final oral group presentations and evaluations (Group 1)
10:15-11:15	Autophagy: an aggregate hunter (aggrephagy) (research lecture 1) (IOS) <i>Teacher: TBC</i>	Autophagy-pathogen interaction (research lecture 1) (invited Guest) <i>Teacher: Felix Randow (MRC Laboratory of Molecular Biology, Cambridge, UK)</i>	Autophagy in adaptative immunity <i>Teacher: Fulvio Reggiori (AU)</i>	Autophagy in adaptative immunity (research lecture 3) <i>Teacher: Trine Mogensen (AU)</i>	10:15-11:15 Final oral group presentations and evaluations (Group 2)
11:30-12:30	Autophagy: an aggregate hunter (aggrephagy) (research lecture 2) (IOS) <i>Teacher: Sandra Maday (Pennsylvania University, USA)</i>	Autophagy-pathogen interaction (research lecture 2) (IOS) <i>Teacher: Marisa Colombo (National University of Cuyo, Mendoza, AR)</i>	Autophagy in adaptative immunity (research lecture 1) (IOS) <i>Teacher: Vojo Deretic (University of New Mexico, Albuquerque, USA)</i>	Questions&answers (on all lectures of 2 nd week) <i>Teachers: Muriel Mari and Fulvio Reggiori (AU)</i>	11:30- 12:30 Final oral group presentations and evaluations (Group 3)
12:45-13:30	Lunch	Lunch	Lunch	Lunch	Goodbye lunch: sandwich and drinks at the Skou canteen or equivalent
13:30 -14:30	Tutorial	Self-study	Tutorial	Self-study	13:30-14:30 Final oral group presentations and evaluations (Group 4)
14:45-15:45					14:45-15:45 Final oral group presentations and evaluations (Group 5)
From 16:00					Self-study

Logistics:

- All lectures (on-site and IOS) will take place in a room for 35-40 people and fully equipped for interactive online seminars.
- Tutorial sessions will take place in 6 independent small classrooms. Knowledge and concepts explained during the lectures and research seminars will be reinforced during the tutorial sessions.
- The get-together lunch and BBQ dinner will take place in the AU park or alternatively (if bad weather) at the Skou canteen or equivalent.
- The goodbye lunch will take place in the same room as the oral presentation evaluations.

Lecturer list:

The general lectures will be given in-person by scientist experts in autophagy from Aarhus University. The research lectures will be given by top scientists from abroad, with the exception of Trine Mogensen (Department of Biomedicine, AU, DK), which are world-wide renowned in the topic of the lecture.

Two external lecturers, Prof. David Rubinzstein and Felix Randow, will be invited to give their lectures in person. All other external lecturers will give online interactive lectures.

- **Prof. Dr. Patricia Boya**, University of Fribourg, CH
<https://www.unifr.ch/med/de/research/group/boya/>
- **Prof. Dr. Vojo Deretic**, University of New Mexico, Albuquerque, USA
<https://hsc.unm.edu/directory/deretic-vojo.html>
- **Dr. Ruben Gomez-Sanchez**, University Medical center Groningen, NL
<https://www.rug.nl/staff/r.gomez.sanchez/research?lang=en>
- **Dr. Nicolas Dupont**, Institut Necker Enfants Malades (INEM), Paris, FR
<https://www.institut-necker-enfants-malades.fr/index.php?menu=team&rubric=teamtabs&idfac=codogno-friedlander>
- **Prof. Dr. Santosh Chauhan**, Institute of Life Sciences, Bhubaneswar, IN
<https://www.autophagylab.com/>
- **Prof. Dr. Marisa Colombo**, National University of Cuyo, Mendoza, AR
<https://www.mendoza.conicet.gov.ar/ihem/investigacion/colombo-maria-isabel/Prof.MD.>
- **Dr. Samia Joca**, Biomedicine department, Aarhus University, DK
[https://pure.au.dk/portal/en/persons/samia-joca\(3675a592-ece2-4642-b125-7aa9492aeeaf\).html](https://pure.au.dk/portal/en/persons/samia-joca(3675a592-ece2-4642-b125-7aa9492aeeaf).html)

- **Prof. MD. Heinz Jungbluth**, King's College London, UK
<https://www.kcl.ac.uk/people/heinz-jungbluth>
- **Dr. Sandra Maday**, Pennsylvania University, USA
<https://www.med.upenn.edu/madaylab/people.html>
- **Dr. Muriel Mari**, Biomedicin department, Aarhus University, DK
[https://pure.au.dk/portal/en/persons/muriel-christel-mari\(bf7e91d0-cea3-4e8d-ac8c-95734516926c\).html](https://pure.au.dk/portal/en/persons/muriel-christel-mari(bf7e91d0-cea3-4e8d-ac8c-95734516926c).html)
- **Prof. Dr. Trine Mogensen**, Department of Biomedicine, Aarhus University, DK
[https://pure.au.dk/portal/en/persons/trine-mogensen\(c80e96f8-2eac-497f-ace4-5ed4af6dbc94\).html](https://pure.au.dk/portal/en/persons/trine-mogensen(c80e96f8-2eac-497f-ace4-5ed4af6dbc94).html)
- **Prof. Dr. Christian Munz**, University of Zurich, CH
<https://www.immunology.uzh.ch/en/researchunit/immunobiology/staff/muenz.html>
- **Prof. Dr. Felix Randow**, MRC laboratory of Molecular Biology, Cambridge, UK
<https://www2.mrc-lmb.cam.ac.uk/group-leaders/n-to-s/felix-randow/>
- **Prof. Dr. Fulvio Reggiori**, Biomedicin department, Aarhus University, DK
[https://pure.au.dk/portal/en/persons/fulvio-mario-reggiori\(71c35cd0-41c0-418c-9aa2-639f048f7e04\).html](https://pure.au.dk/portal/en/persons/fulvio-mario-reggiori(71c35cd0-41c0-418c-9aa2-639f048f7e04).html)
- **Prof. MD. David Rubinsztein**, Cambridge University, UK
<https://www.cimr.cam.ac.uk/staff/professor-david-rubinsztein-fmedsci-frs>
- **Prof. Dr. Anne Simonsen**, University of Oslo, NO
<https://www.med.uio.no/imb/english/people/aca/annesi/>

Tutor list:

The tutorial will be organized in 6 groups, each comprising 5 students, which will be supervised and helped by one tutor expert in autophagy.

- **Dr. Yingying Cong**, Department of Biomedicine, Aarhus University, DK (*Senior Postdoctoral fellow*)
- **Dr. Valentin Coppola Segovia**, Department of Biomedicine, Aarhus University, DK (*Postdoctoral fellow*)
- **Yan Yu**, Department of Biomedicine, Aarhus University, DK (*PhD student*)
- **Monja Muller**, Department of Biomedicine, Aarhus University, DK (*PhD student*)
- **Claudia Rio Berge**, Department of Biomedicine, Aarhus University, DK (*PhD student*)
- **Dr. Cristina de la Torre**, Department of Biomedicine, Aarhus University, DK (*Postdoctoral fellow*)