

NorDoc Summer School 2023

PROGRAM & INFORMATION

Welcome to the 2023 NorDoc summer school in Uppsala & Solna!

Below you will find some general information – please read through carefully! – followed by a step-by-step program including specific localities, addresses and a possibly useful map.

Name-tag

All registered participants will receive a name-tag, either at the welcome reception on Tuesday evening, or before the program starts at Karolinska Institutet on Wednesday. This name-tag is your “ticket” to busses, coffee, lunches, and – for those who have indicated that they will participate – for the dinner. Please wear your name-tag throughout the summer school.

You will notice that there are for your convenience two versions of the name-tags. Those with a red border are lecturers, contributors or belong to the organizational committee. A purple star in the lower left corner marks those who have indicated that they will participate in the NorDoc dinner on Thursday.

Lunch & coffee breaks

Lunches and coffee will be served in vicinity of the lecture halls. At Uppsala University main building this will be outside lecture hall IX. For access to lunch you are as indicated above obliged to wear your name tag.

In the registration form you have selected either ‘omnivorous’ or ‘vegetarian’ (and in a few cases further specified dietary requirements) – and there will subsequently be two choices of wrap/salad, and in addition a few specially adapted meals. We assume that you all stick to your choice as indicated in the registration !

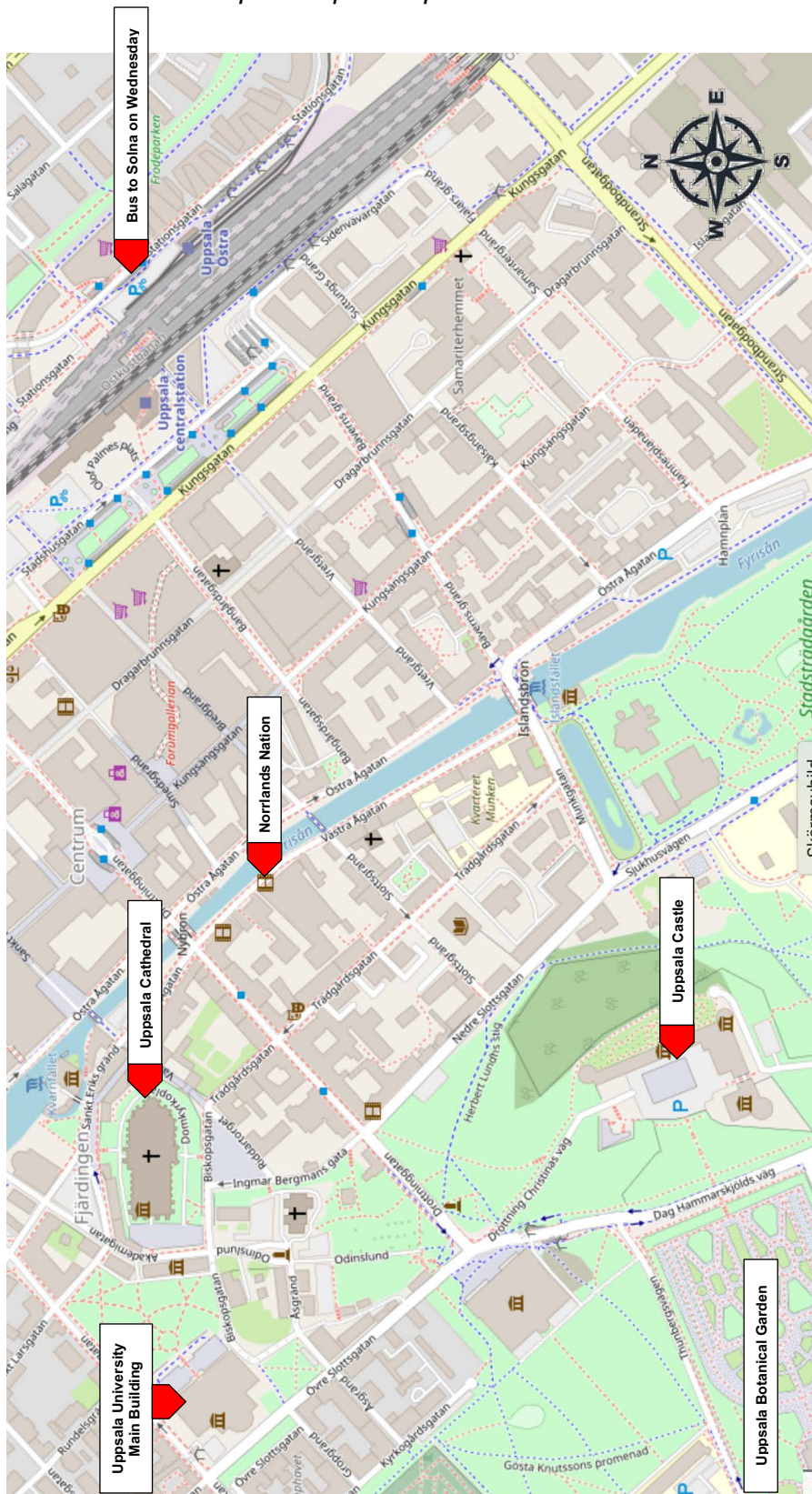
NorDoc dinner

The NorDoc dinner on Thursday will take place at *Norrlands Nation*, a student fraternity situated on *Västra Ågatan 14*, and start with a welcome drink at 18:00 – please be there on time, and remember: you *must* wear your name-tag !



MAP OVER UPPSALA CITY CENTRE

...with a couple of specific places of interest marked



August 15th, Tuesday

18:00 – 20:00 **Welcome Reception at Uppsala University (UU)**
 Host: Professor **Mats Larhed**, Vice Rector
 Location: Faculty Rooms, upper level
 Uppsala University Main Building
 Biskopsgatan 3, Uppsala

August 16th, Wednesday

08:00 precisely **Buss leaves from Uppsala to Karolinska Institutet, Solna**
 Location: Stationsgatan, position E3

09:00 **Program starts at Karolinska Institutet (KI)**
 Location: Kleinsalen, Biomedicum, entrance level
 Solnavägen 9, Solna

09:00 – 09:15 **NorDoc welcome adress**
 Professor **Matti Nikkola**, KI
 Professor **Anders Backlund**, UU

Introduction to Wednesday program
 Associate Professor **Anna Herland**, KI & Royal College of Technology

09:15 – 09:30 **Doctoral Education at Karolinska Institutet**
 Professor **Robert Harris**, KI

09:30 – 10:30 **Bacterial biofilms: structure, function, and manipulation**
 Reader **James Garnett**, King's College

10:30 – 10:45 **Coffee Break**

10:45 – 11:15 **Surface reactions on biomaterials in the spotlight**
 Professor **Inger Odnevall**, KTH

11:15 – 12:15 **Synthetic and bio organic materials for bacterial infection control**
 PhD **Thomas Cruzier**, KTH

12:15 – 13:15 **Lunch**

13:15 – 14:15 **Tissue Microbiology: using complex in vivo and in vitro models to study bacterial pathogenesis**
 Associate Professor **Keira Mellcan**, KI
 Assistant Professor **Ferdinand Choong**, KI

14:15 – 15:15 **Living space to design wellness**
 Senior Assistant Professor **Ami Ogawa**, Keio University

15:15 – 15:30 **Coffe Break**

15:30 – 16:30 **Chimeric antigenic peptide flu virus-mediated cancer immunotherapy**
 Professor **Demin Zhou**, Peking University

16:30 – 17:00 **Nobel-prize – behind the scenes**
 Professor **Thomas Perlmann**, KI
 Secretary of the Nobel Assembly at KI and of
 the Nobel Committee for Physiology or Medicine
(After lecture opportunity to visit Nobel Forum)

18:00 **Bus from Karolinska Institutet to Uppsala**
 Location: Aula Medica, Nobels väg 6



NorDoc Summer School • 16–18 August 2023

**We love to hear
 from you. Anytime.**

Is this your first visit to the NorDoc Summer School? To Uppsala, Stockholm and Sweden? During your stay you will most likely have questions. And we cannot wait to answer them. Never hesitate contacting us whenever you need. We are here to help you get the most out of your NorDoc experience.

Learn more medfarm.uu.se/nordoc23

August 17th, Thursday

- 08:00** **Program starts at Uppsala University**
Location: Main Building, Biskopsgatan 3, Halls IX and X, upper level
- 08:00 – 10:00, Hall IX** **Antibiotics: history, current issues and future perspectives in discovery and development**
Professor **Anders Karlén**, UU
Assistant Professor **Lindon Moodie**, UU
Associate Professor, **Oscar Verho**, UU
- 08:00 – 10:00, Hall X** **Diagnostics and antibiotic susceptibility testing**
Chief Scientist **Christer Malmberg**, Gradientech
Senior Scientist **Lovisa Söderberg**, Astrego Sysmex
- 10:00 – 10:30** **Coffee Break, coffee served outside Hall IX**
- 10:30 – 12:30, Hall IX** **Antibiotics drug discovery from natural products**
Associate professor **Cassandra Quave**, Emory University
- 10:30 – 12:30, Hall X** **The Economics of Antibiotic and Diagnostic R&D**
Assistant Professor **Olof Lindahl**, UU
- 12:30 – 13:30** **Lunch outside Hall XI**
- 12:30 –** **NorDoc General Assembly Members lunch meeting**
Location: Restaurant Alma Mater, Basement Level
- 13:30 – 15:30, Hall XI** **Workshop: Communicating about resistance**
PhD **Eva Garmendia**, UAC/UU
- 13:30 – 15:30, Hall X** **Workshop: Develop a next generation diagnostic: How and where to start**
Chief Scientist & CEO **Nikolaos Kavalopoulos**, Rx Dynamics
- 15:30 – 16:30** **Coffee Break & Poster Session, coffee served outside Hall IX**
Location: in the gallery between Halls IX and X
- 17:00 –** **Optional guided walk down to NorDoc dinner venue**
Location: we will start in the lower hallway of the University Main Building, just outside the door to the Main Auditorium
Story teller: Professor **Anders Backlund**, UU
- 18:00 – 23:00** **NorDoc dinner 2023**
Location: Norrlands Nation, Västra Ågatan 14



August 18th, Friday

- 09:00** **Program at Uppsala University**
Location: Main Building, Biskopsgatan 3, Halls IX and X
- 09:00 – 10:30, Hall IX** **AIMES – Integrating Medical and Engineering Sciences with focus on outreach & entrepreneurship**
Professor **Agneta Richter Dahlfors**, KI
- 09:00 – 10:30, Hall X** **Resistance mechanisms, resistance evolution and antibiotic use, dosage & combination therapies – Pt 1**
Associate Professor **Thomas Tängdén**, UU
Researcher **Douglas Huseby**, UU
- 10:30 – 11:00** **Coffee Break, coffee served outside Hall IX**
- 11:00 – 12:30, Hall IX** **Detecting bacterial bio-films, from scientific findings to a start-up**
Chief Technology Officer **Susanne Löffler**, Ebba Biotech
- 11:00 – 12:30, Hall X** **Resistance mechanisms, resistance evolution and antibiotic use, dosage & combination therapies – Pt 2**
Associate Professor **Thomas Tängdén**, UU
PhD **Douglas Huseby**, UU
- 12:30 – 13:30** **Lunch Break, lunch served outside Hall IX**
- 13:30 – 15:30, Main Auditorium**
- Panel: Antibiotics • Past. Present. Future**
Moderator: Coordinator **Eva Garmendia**, Uppsala Antibiotic Centre, UU
Panelists: Deputy Director **Helle Aagaard**, ReAct
Head of European Affairs **Richard Bergström**, IQVIA
Swedish AMR-ambassador **Malin Grape**
Professor **Agneta Richter-Dahlfors**, KI
- 15:30 – 15:45** **Closing remarks NorDoc summer school 2023**
Professor **Anders Backlund**, UU
Professor **Matti Nikkola**, KI
- 16:00 –** **Posters removed**



NorDoc Panel • 18 August 2023:

Antibiotics • Past. Present. Future.

How shall science and society handle the accelerating antibiotic resistance? The NorDoc Network invites the public to a conversation with national experts:

- **Helle Aagaard**, Deputy Director, ReAct
- **Richard Bergström**, Former National Vaccine coordinator
- **Malin Grape**, Swedish AMR Ambassador
- **Agneta Richter-Dahlfors**, Professor, KI

Moderator: **Eva Garmendia**, Uppsala Antibiotic Center

Time: Friday 18 August, 13.30
Venue: Uppsala University Main Auditorium
Online: medfarm.uu.se/nordoc23