

Summer school *Environment and Health* 2019



School of Life Sciences (FHNW)

9-12 July 2019

Venue: FHNW Campus Muttenz
Basel Switzerland



The international summer school “Environment and Health” is organized by the School of Life Sciences (FHNW) and the School of Environmental Sciences (Nanjing University). The event is co-sponsored by F. Hoffmann-La Roche and biotechnet Switzerland

Scientific program

- International speakers
- Site visit to Roche (Kaiseraugst)
- Student poster session (on site preparation on selected topics)
- Representation from
 - The Swiss Center of Applied Human Toxicology (Switzerland)
 - Département Santé au travail et environnement, Unisante (Switzerland)
 - International Institute for Environmental Studies, Trent University (Canada)
 - Nanjing University (China)
 - School of Life Sciences, FHNW (Switzerland)

organized by

Program

| Date | Event |
|--------------------|---|
| Tue 9 July, eve | Welcome apero in the evening, Campus Muttenz |
| Wed 10 July, am | Lectures |
| Wed 10 July, pm | Lectures Tour of the building (HLS facilities) |
| Wed 10 July, eve | Informal dinner at the river Rhein |
| Thu 11 July | Company visit, F. Hoffmann-La Roche (Kaiseraugst) |
| Fri 12th July, am | Lectures |
| Fri 12th July, pm | Lectures Student poster session |
| Fri 12th July, eve | Event Dinner |
| Sat 13th July | Whole day Excursion (optional) |

Confirmed Speakers

- Dr. A. Berthet (Unisanté, Switzerland)
- Dr. M. Borgatta (Unisanté, Switzerland)
- Prof. P. Corvini (HLS, FHNW, Switzerland)
- Prof. D. Evans (International Institute for Environmental Studies, Trent University, Canada)
- Dr. R. Fitzgerald (SCAHT, Switzerland)
- Prof. R. Ji (Nanjing University, China)
- Prof. L. Suter-Dick (HLS, FHNW, Switzerland)
- Prof. H. Zhong (Nanjing University, China)

Information

Registration & Contact
Nicole.Horlacher@fhwn.ch OR
laura.suterdick@fhnw.ch

Registration until
31.05.2019

Notification of acceptance
15.06.2019
Certificate for 2 ECTS

Social event: Optional whole day excursion to Lucerne/Rigi
On **Saturday 13th of July**
Please, register separately



Sponsors



Lectures (preliminary program)

| Date | Time | Speaker | Institution | Title | Room |
|----------------|--|-----------------------------------|--|--|---------------------------|
| 9 July | 17:00 Welcome and registration | | | | |
| 10 July | 09.00 h | Laura Suter-Dick | School of Life Sciences (FHNW), in collaboration with Nanjing University | Effect of dioxins on liver fibrosis | Auditorium 01.O.07 |
| 10 July | 09.45 h | Rong Ji | School of Environmental Sciences (Nanjing University) | Microplastics as environmental pollutants | Auditorium 01.O.07 |
| 10 July | 10.30 h Coffee Break | | | | |
| 10 July | 11.00 h | Rex Fitzgerald | Swiss Center for Applied Human Toxicology (SCAHT) | Adverse outcome pathways: what they can tell us about health impacts of environmental pollutants | Auditorium 01.O.07 |
| 10 July | 11.45 h | Huan Zhong | School of Environmental Sciences (Nanjing University) | Human exposure to Mercury | Auditorium 01.O.07 |
| 10 July | 12.30 h Lunch Break | | | | |
| 10 July | 13.30 h | Xueyuan Gu | School of Environmental Sciences (Nanjing University) | Heavy metal speciation and modeling in soil environment | Auditorium 01.O.07 |
| 10 July | 14.15 h | Philippe Covini | School of Life Sciences (FHNW) | Pharmaceuticals in waste water treatment systems | Auditorium 01.O.07 |
| 10 July | 15.00 h | Miriam Langer | School of Life Sciences (FHNW) | Pesticides in Swiss streams | Auditorium 01.O.07 |
| 10 July | 16.00 h Tour of the building Campus Murtenz (FHNW) | | | | |
| 10 July | 18.00 h Departure to river Rhein (weather permitting) | | | | |
| 11 July | 09.00 h Roche Visit | | | | |
| 12 July | 09.00 h | Myriam Borgatta & Aurélie Berthet | Département Santé au travail et environnement, Unisante, Switzerland | How to assess exposure to chemicals: Solvents and Pesticides as examples | Auditorium 01.O.07 |
| 12 July | 10.00 h | Wei Li | School of Environmental Sciences (Nanjing University) | Molecular Environmental Sciences: Application of Synchrotron Radiation Techniques | Auditorium 01.O.07 |
| 12 July | 10.45 h Coffee Break | | | | |
| 12 July | 11.15 h | Carine Gaiser | School of Life Sciences (FHNW) | Effects of neurotoxins on neuronal development | Auditorium 01.O.07 |
| 12 July | 12.00 h | Cheng Gu | School of Environmental Sciences (Nanjing University) | Transformation of organic contaminants on clay surfaces | Auditorium 01.O.07 |
| 12 July | 12.45 h Lunch Break | | | | |
| 12 July | 13.45 h | Verena Christen | School of Life Sciences (FHNW) | Effects of pesticides on honey bees | Auditorium 01.O.07 |
| 12 July | 14.30 h | Doug Evans | International Institute for Environmental Studies, Trent University | Environmental and human health issues associated with rare earth element usage in southern China | Auditorium 01.O.07 |
| 12 July | 15.30 h | Preparation of posters (students) | | | 01.N.06; 01.N.10; 01.N.14 |
| 12 July | 17.30 h | Poster Presentations by students | | | Corridor |
| 12 July | 19.00 h Departure to restaurant (France) | | | | |
| | | | | | Lobby |