

**Collaborating Education Program on  
“Second International Education Course on Environmental Preventive  
Medicine”  
(3 day-course)**

Co-organized by Chiba University, University of Nice-Sophia Antipolis and  
World Health Organization (WHO)

**Program**

- Date: 24<sup>th</sup>, 25<sup>th</sup> and 26<sup>th</sup> October, 2018
- Venue: Amphitêâtre du Galet at University of Nice-Sophia Antipolis,  
Hôpital Pasteur 2, Centre Hospital-Universitaire de Nice  
Avenue de la voie Romaine, Nice
- Lecturers (in Alphabetical order):
  1. Professor Christoph Bühner (Department of Neonatology, Charité-Universitätsmedizin Berlin, Germany)
  2. Professor Denis Charpin (University of Aix-Marseille, France, Department of Pneumology and Allergology)
  3. Professor Nicolas Chevalier (Department of Endocrinology, Diabetology and Reproduction, University of Nice-Sophia Antipolis, France)
  4. Professor Jeanne Conry (International Federation of Gynecology and Obstetrics: FIGO, USA)
  5. Dr. Barbara Demeneix (Director, Laboratory of Evolution of Endocrine Regulation, The National Centre for Scientific Research (CNRS), Paris, France)
  6. Dr. Ruth Etzel (Director, Office of Children’s Health Protection, US-EPA)
  7. Professor Elaine Faustman (Department of Environmental and Occupational Health Sciences, University of Washington, USA)
  8. Professor Patrick Fénelichel (Department of Endocrinology, Diabetology and Reproduction, University of Nice-Sophia Antipolis, France)
  9. Professor Chisato Mori (Director, Centre for Preventive Medical Sciences, Chiba University, Japan)
  10. Dr. Kirsten Poore (Lecturer in Physiology, Faculty of Medicine, University of Southampton, UK)
  11. Dr. Rémy Slama (Department of Prevention & Therapy of Chronic Diseases, Inserm; Institute of Advanced Biosciences (IAB). Inserm - CNRS - University Grenoble-Alpes joint research center (U1209), France)
  12. Professor Emiko Todaka (Centre for Preventive Medical Sciences, Chiba University, Japan, Consultant, WHO)

## **Programme**

### **Day 1 (Wed 24<sup>th</sup> October) :**

**AM: 9:00 – 12:00**

Master of Conference (MC): Professor Patrick Fénichel

1. Greeting from Professor Emmanuel Tric, President, Nice University (10 minutes)
2. Greeting from Professor Patrick Baqué, Dean of the Faculty of Medicine, Nice University (10 minutes)
3. Greeting message from Dr. Maria Neira, Director of the Department of Public Health, Environmental and Social Determinants of Health, World Health Organization (6 minutes)
4. Greeting and Opening remarks by Professor Chisato Mori (5 minutes)
5. Pre-evaluation of the knowledge by Smartphone (Before the programme) (15 minutes)

“Early life environment determines later life health”

1. WHO’s role in “Environmental Health and development of training module” by Ms. Marie-Noel Bruné (30 minutes)
2. “Why children?” and “Children are not little adults” by Dr. Ruth Etzel (40 minutes)

Break (15 minutes)

3. “Developmental Origins of Health and Disease (DOHaD) and Epigenetics” by Dr. Kirsten Poore (40 minutes)
4. Students group making

**Lunch (12:00-13:00) (Only for speakers)**

**PM: 13:00 – 16:20**

MC: Professor Emiko Todaka

### **“Pollutants and human health”**

1. “Learning from historical accidents and tragic events: (30 minutes)  
Minamata Disease, Seveso accident, Asbestos etc.” by Professor Emiko Todaka  
Q & A (10 minutes)
2. History of Endocrine Disrupting Chemicals (EDCs) by Professor Patrick Fénichel (30 minutes)  
Q & A (10 minutes)
3. “Chemicals, Persistent Organic Pollutants (POPs) and Heavy Metals” by Professor Elaine Faustman (30 minutes)  
Q & A (10 minutes)

**15:00 – 15:40 Coffee break with cake and group discussion with students**

**15:40 – 16:20 Presentations from groups**

**Day 2 (Thu 25<sup>th</sup> October) :**

**AM: 9:00 – 12:00**

MC: Dr. Rémy Slama

**“Emerging health issues and environmental exposures I”**

1. “Environmental Epidemiology, Exposome and Biomarkers” by Dr. Rémy Slama (40 minutes)  
Q & A (10 minutes)
2. “Cesarean, childhood obesity and intestinal microbiome” by Professor Christoph Bührer (40 minutes)  
Q & A (10 minutes)
3. “Air pollution and health including allergies” by Professor Denis Charpin (40 minutes)  
Q & A (10 minutes)

**Photograph taking in front of the Theatre (all the participants including students and lecturers)**

**Lunch (12:00-13:00) (Buffet lunch for all the participants)**

**PM: 13:00 - 15:00**

MC: Professor Jean Conry

**“Emerging health issues and environmental exposures II”**

1. “Male Reproductive Health” by Professor Patrick Fénelichel (30 minutes)  
Q & A (10 minutes)
2. “Female Reproductive Health” by Dr. Jean Conry (30 minutes)  
Q & A (10 minutes)
3. “Neurodevelopmental disorders” by Professor Barbara Demeneix (40 minutes)  
Q & A (10 minutes)

**15:10 – 15:50 break with cake and group discussion**

**15:50 – 16:20 Presentations by students**

**Day 3 (Fri 26<sup>th</sup> October) :**

**AM: 9:00 - 12:30**

MC: Professor Elaine Faustman

**“Emerging health issues and environmental exposures III”**

1. “Metabolic syndrome including obesity and diabetes” by Professor Nicolas Chevalier (30 minutes)  
Q & A (10 minutes)
2. Case study report by Dr. Ruth Etzel (30 minutes)  
Q & A (10 minutes)

**“Prevention and interventions”**

1. Evidence based intervention “Birth cohort study” by Professor Chisato Mori (15 minutes)
2. “Virtuous Cycle for future generations” by Professor Emiko Todaka (15 minutes)

**10:50 – 11:05 Break (15 minutes)**

**11:05 – 11:45**

Group Discussion

**11:45 – 12:20**

“Post course evaluation by Smartphone”

MC and comments by Dr. Kirsten Poore

**12:20 – 12:30**

Closing remarks by Professors Mori and Fénichel