

# FOOD SYSTEMS IN THE ANTHROPOCENE

ONE HEALTH WINTER SCHOOL



**WEDNESDAY TO SATURDAY, DECEMBER 13-16, 2023**

 Ce.U.B. Bertinoro

Via Aldruda Frangipane, 4, 47032 Bertinoro FC

# BACKGROUND

AS WE PROCEED ACROSS THE ANTHROPOCENE, OUR **FOOD SYSTEM** NEEDS TO BE PUT UNDER SCRUTINY IN THE CONTEXT OF THE **TRIPLE CRISIS** OF CLIMATE CHANGE, POLLUTION AND BIODIVERSITY LOSS, NEWLY EMERGING **ZOOSES**, **TECHNOLOGICAL DEVELOPMENTS** AND **GLOBAL AND LOCAL LABOR RELATIONS**.

THE **INTRICATE INTERDEPENDENCE OF HUMAN, ANIMAL, AND ENVIRONMENTAL HEALTH**, AND THE COMPLEX LINKS BETWEEN THESE AND **GLOBAL MARKET DYNAMICS** AND **GEOPOLITICAL RELATIONS**, CALL FOR THE USE OF A MULTIPROFESSIONAL LENS IN EXAMINING PRESSING ISSUES OF THE SUSTAINABILITY OF OUR FOOD SYSTEM, HUMAN AND ANIMAL WELFARE IN FOOD PRODUCTION, AND FOOD SECURITY AND SAFETY.

THE **ONE HEALTH** APPROACH, A MULTIDISCIPLINARY FRAMEWORK, STANDS AS AN INDISPENSABLE PARADIGM FOR COMPREHENSIVELY ADDRESSING THIS COMPLEX NEXUS.

THIS **WINTER SCHOOL** IS DEDICATED TO AN IN-DEPTH EXPLORATION OF THE CRITICAL THEME OF FOOD SYSTEMS IN THE ANTHROPOCENE THROUGH THE ONE HEALTH APPROACH.

WITH A UNIQUE COMBINATION OF **LECTURES, WORKSHOPS AND GROUP WORK BY HIGH-LEVEL INTERNATIONAL SPEAKERS**, THE WINTER SCHOOL WILL PROVIDE PARTICIPANTS WITH INSTRUMENTS TO **UNDERSTAND** PRODUCTION, CONSUMPTION AND WASTE TRENDS IN CONTEMPORARY FOOD SYSTEMS, **ASSESS** THE HEALTH TOLL OF THE AGRI-FOOD SECTOR, AND **DISCUSS** SUSTAINABLE ALTERNATIVES.

BY ADOPTING THE ONE HEALTH APPROACH, WE FOSTER COLLABORATION AMONG PROFESSIONALS WITH **DIVERSE EXPERTISE**, DRIFTING AWAY FROM READY-MADE SIMPLISTIC SOLUTIONS AND EMBRACING A **MORE-THAN-HUMAN PERSPECTIVE** ON FOOD SYSTEMS.

THE WINTER SCHOOL PROVIDES A **UNIQUE OPPORTUNITY** TO ENGAGE WITH INTERNATIONAL EXPERTS FROM DIVERSE BACKGROUNDS AND WITH FELLOW YOUNG PROFESSIONALS IN A RESIDENTIAL, FULL TIME LEARNING CONTEXT THAT WILL FOSTER PROFESSIONAL NETWORKING AND THE EXCHANGE OF INNOVATIVE PERSPECTIVES.

# 13/12 - DAY 1

14:00-15:00

*Registration*

15:00-16:00

*Institutional Welcome*

16:00-18:00

*Introductory Keynote Speeches*



FOOD PRODUCTION AND THE RISK OF ZOOZOSES

**MARIA VAN KERKHOVE**

Unit Head | Emerging Diseases and Zoonoses

Technical Lead | COVID-19 Response, World Health Organization (WHO)



FOOD PRODUCTION, MIGRATION AND FARM WORKERS HEALTH

**SETH HOLMES**

Co-chair | Berkeley Center for Social Medicine, UC Berkeley

19:30-21:30

*Aperi-Dinner*

22:00

*Social Program*

# 14/12 - DAY 2

8:00-9:15

*Breakfast*

9:30-11:30

*Morning Sessions*



SUSTAINABLE YET HIGHLY PRODUCTIVE  
AGRICULTURE

**DIRK VAN APELDOORN**

Research lecturer | Farming System Ecology, Wageningen University



ENVIRONMENTAL IMPACTS OF TROPICAL FOODS ON  
WESTERN-WORLD TABLES

**ROBERTO CAZZOLLA GATTI**

Associate Professor | Conservation Biology, University of Bologna

11:30-12:00

*Coffee Break*



LIVESTOCK FARMING SUSTAINABILITY: BALANCING  
BETWEEN ANIMAL WELFARE AND ENVIRONMENTAL  
IMPACT

**MARIANA ROCCARO**

Junior assistant professor | Department for Life Quality Studies,  
University of Bologna

13:00-14:00

*Lunch*

# 14/12 - DAY 2

14:30-15:30

*Afternoon Sessions*



SAFETY ASSESSMENT OF NOVEL FOODS

**SPEAKER TO BE CONFIRMED**

EFSA, Novel Food and Nutrition Unit

15:30-18:30

*Workshop*



THE GEOPOLITICS OF FOOD

**LUCA LAMBERTINI**

Full Professor in Economics  
Department of economics, University of  
Bologna

16:30-17:00

*Coffee Break*

19:30-21:30

*Dinner*

22:00

*Social Program*

# 15/12 - DAY 3

8:00-9:15

*Breakfast*

9:30-11:30

*Morning Sessions*



## FARMING PRACTICES AND AMR IN ANIMALS AND HUMANS

### SILVIA PIVA

Associate Professor | Infectious Diseases of Domestic Animals, University of Bologna



### VITTORIO SAMBRI

Associate Professor | Microbiology and Clinical Microbiology, University of Bologna; Scientific committee | UNIB-OH One Health International Study Centre; Director | Microbiology Unit, Local Health Authority of Romagna



### RAFFAELE SCARPELLINI

PhD candidate | Department of Veterinary Medical Sciences, University of Bologna.

11:30-12:00

*Coffee Break*



## CIRCULAR FOOD PRODUCTION: FROM THE SPACE TO EARTH

### ALBERTO BATTISTELLI

Adjunct Professor | Botany and Plant Physiology, University of Tuscia  
Research Director | Terrestrial Ecosystems Research Institute, National Research Council

13:00-14:00

*Lunch*

# 15/12 - DAY 3

14:30-15:30

*Afternoon Sessions*



NUTRITIONAL ASSESSMENT AND SUSTAINABILITY OF  
HEALTHY DIETS

**ANNA BACH FAIG**

Associate Professor | Health Sciences Department, Open University  
of Catalonia

15:30-18:30

*Workshop*



TOPIC: SCIENCE COMMUNICATION

**ALEJANDRO SANCHEZ**

Communications Manager | Global Food  
Systems Institute, University of Florida

16:30-17:00

*Coffee Break*

19:30-21:30

*Dinner*

22:00

*Social Program*

# 16/12 - DAY 4

8:30-9:30

*Breakfast*

9:30-11:30

*Morning Sessions*



CLIMATE CHANGE IMPACTS IN HEALTHY & SUSTAINABLE DIETS

**PAULINE SCHEELBEEK**

Associate Professor | Planetary Health and Nutritional Epidemiology, London School of Hygiene and Tropical Medicine



THE GLOBAL WATER CRISIS AND THE FUTURE OF FOOD

**ANNALAURA CARDUCCI**

Full Professor | General and applied hygiene, University of Pisa

11:30-12:00

*Coffee Break*



THE ENVIRONMENTAL FOOTPRINT OF FOOD

**CHIARA CAEDDU**

Theme Chair of Planetary Health - Associate Professor | Erasmus School of Health Policy & Management

13:00-14:00

*Lunch*



14:30-16:30

*Round Table*

## PLANETARY HEALTH, CIRCULAR HEALTH AND FOOD SYSTEMS: FROM THEORY TO PRACTICE



### **ILARIA CAPUA**

Full Professor | Senior Fellow of Global Health, Johns Hopkins School of Advanced International Studies (SAIS) Europe; Immediate Past Director | One Health Center of Excellence, University of Florida



### **CRISTINA O'CALLAGHAN GORDO**

Associate Professor | Faculty of Health Sciences, Open University of Catalonia, Barcelona; Associated Research Professor | ISGlobal, Barcelona



### **ALESSANDRA SCAGLIARINI**

Full Professor | Infectious Diseases of Domestic Animals; Director | UNIB-OH One Health International Study Centre



### **PAULINE SCHEELBEEK**

Associate Professor | Planetary Health and Nutritional Epidemiology, London School of Hygiene and Tropical Medicine

16:30-17:00

*Concluding Remarks and Greetings*

**REGISTRATION FEE  
(FULL BOARD - FOOD AND ACCOMMODATION INCLUDED)**

265 € - DOUBLE ROOM;  
295 € - SINGLE ROOM

**ONLINE STREAMING FEE  
(LECTURES AND CASE STUDIES ONLY)**

100 €

**[CLICK HERE TO REGISTER](#)**

THE COURSE IS OPEN TO PROFESSIONALS, RESIDENTS, RESEARCHERS, PHD/MASTER STUDENTS AND MASTER DEGREE STUDENTS FROM EVERY DISCIPLINE IN KEEPING WITH THE WINTER SCHOOL TOPICS AND THE OH APPROACH.

IN ACCORDANCE WITH THE THEME OF THE CONFERENCE WE WOULD LIKE TO ENSURE THAT PARTICIPANTS ARE DIVERSE AND REPRESENT MULTIPLE DISCIPLINES.

FOR FURTHER INFORMATION PLEASE CONTACT  
[WSONEHEALTH22@GMAIL.COM](mailto:WSONEHEALTH22@GMAIL.COM)

**WINTER SCHOOL DIRECTORS:**

PROF. DAVIDE GORI *Department of Biomedical and Neuromotor Sciences - University of Bologna*  
PROF. ALESSANDRA SCAGLIARINI *Department of Medical and Surgical Sciences - University of Bologna*

**ORGANIZING TEAM:**

DR. ALESSANDRO BIANCONI, DR. ANGELA ANDREA COA, DR. GIULIA LONGO, DR. FRANCESCA SCOGNAMIGLIO, DR. FRANCESCA ZANNI



Scuola di specializzazione in  
**Igiene e Medicina Preventiva**



UNIB-OH  
**ONE HEALTH INTERNATIONAL STUDY CENTRE**

**ParliamoneOra**