

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 ZOOSES

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

SPEAKER TO BE CONFIRMED

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

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

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