Erasmus Mundus Joint Master Degree in
Environmental Contamination and Toxicology
UPV/EHU–UB–UPPA–ULiège–NTNU–UP

Erasmus+

Ingurumen Kutsadura eta Toxikologia
Contaminación y Toxicología Ambientales
Environmental Contamination and Toxicology

Investigación en Contaminación y Toxicología Ambientales
RESEARCH IN ENVIRONMENTAL CONTAMINATION & TOXICOLOGY

5-9 OCTOBER, Plentziako Itsas Estazioa/Plentzia Marine Station (PiE-EHU), PLENTZIA

Organised by: Masters CTA and ECT+ and CTA PhD program (EHU)
Plentzia Marine Station, University of the Basque Country (EHU), Plentzia

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PROGRAMME

5 October MONDAY:

Topic 1 From the mountains to the sea / From the sea to the mountains

09:00-09:30: *The Old pollutants and the Sea. Ionan Marigomez (EHU)*
09:40-10:10: *Soil pollution assessment using invertebrates. Beñat Zaldibar (EHU)*
10:30 – 11:00 Round table: Q&A

11:00-11:30: Coffee-break

Topic 2 Sentinels of the sea

11:30-12:00: *The mussel holobiome as a sentinel entity?* Ander Urrutia *(EHU)*
12:10-12:40: *Tiny Sentinels of the Sea: Copepods as Watchers of Marine Pollution*. Tamer Hafez Abdelaziz (EHU)
13:00-13:30 Round table Q&A

6 October TUESDAY:

Topic 3 Toxicology of Micro and Nanoplastics

09:00-09:30: *Effects of microplastics, nanoplastics and novel bio-based polymers in the Environment*. Amaia Orbea (EHU)
09:40-10:10: *New Approach Methodologies (NAMs) as tools for environmental and human risk assessment of micro and nanoplastics and associated chemicals with a One Health perspective*. Miren Cajaraville (EHU)
10:30 – 11:00 *Round table: Q&A*

11:00-11:30: Coffee-break

Topic 4 Plastic world

11:30-12:00: *Plastics are not the problem*. Xabier Irigoien (Ikerbasque, EHU)
12:10-12:40: *Plastic and microplastics through instrumentation: Understanding signals and overcoming variabilities.* Giulia Gorla (EHU)
13:00-13:30 Round table Q&A

13:30-14:30: Lunch break

14:30-17:30 **Visit to the Biscay Bay Environmental Biospecimen Bank (BBEBB) Xabier Lekube (EHU)**

7 October WEDNESDAY:

Topic 5 Pollution and Human health

09:00-09:30: *Environmental epidemiology: environmental contaminants and health effects*. Amaia Irizar (EHU)
09:30-10:00: *Environmental and human monitoring of a waste-to-energy plant: an epidemiological study*. Ziortza Barroeta:(EHU)
10:00-10:30: *PFAS exposure, metabolome and pubertal development in different European cohorts*. Sara Lopez de Calle: (EHU)
10:30 – 11:00 Round table: Q&A

11:00-11:30: Coffee-break

Topic 6 Remote analysis: the further and the smaller

11:30-12:00: *The two faces of seaweeds: from food to environmental solutions*. Natalia Prieto Vidal (IkerBasque, EHU)
12:10-12:40: *A Risky Journey: from an Antarctic adventure to global pollution*. Belen Gonzalez Gaya (IkerBasque, EHU)
13:00-13:30 Round table Q&A

13:30-14:30: Lunch break

14:30-17:30; **Cinema Forum:** *The merchants of doubt* (2014 documentary). Open forum

8 October THURSDAY:

Topic 7: Antimicrobial resistance

09:00-09:30: *Against Antibiotic Resistance, a 360 approach. Itziar Alkorta (EHU)*
09:30-10:00: *Occurrence of antimicrobials and their by-products in the agri-food system. Irantzu Vergara (EHU)*
10:30 – 11:00 *Round table Q&A*
11:00-11:30: Coffee-break

Topic 8 Within and beyond analysis

09:00-09:30: *A Hitchhiker's Guide to Exploring the Chemical Space in Non-Target Screening*, Iker Alvarez (EHU)
09:40-10:10: *Analytical Lighthouses Shedding Light on the Dark Side of the Exposome*, Juanfra Ayala (EHU)
13:00-13:30 Round table Q&A

9 October FRIDAY:

Topic 9: One Health

09:00-09:30: Estibaliz Baroja (Basque Centre for Climate Change, BC3)
09:30-10:00 Alba Skidmore (Basque Centre for Climate Change, BC3)
10:15-11:00 One Health workshop

11:00-11:30: Coffee-break

Topic 10 Plastics reproduce, other bugs too

11:30-12:00: *Polymer based product design for a safe marine environment*. Maider Iturrondobeitia & Julen Ibarretxe (EHU)

12:05-12:35: *"The true love´s kiss that broke the curse": fish awakening from the feminising effects of xenostrogens*. Ibon Cancio (EHU)

12:35-13:05 "From Chile to PiE with Aquaserv" Sebastian Escobar Aguirre (Universidad Católica de Chile)

13:10-13:40 Round table Q&A