



Με τη συγχρηματοδότηση της Ελλάδας και της Ευρωπαϊκής Ένωσης



中华人民共和国科学技术部
Ministry of Science and Technology of the People's Republic of China

ΕΠΑνεΚ 2014-2020
ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ
ΑΝΤΑΓΩΝΙΣΤΙΚΟΤΗΤΑ • ΕΠΙΧΕΙΡΗΜΑΤΙΚΟΤΗΤΑ • ΚΑΙΝΟΤΟΜΙΑ



GreenPro



MOREM

«Διμερής και Πολυμερής E&T Συνεργασία Ελλάδας – Κίνας»

Διεπιστημονική Ημερίδα
Παρασκευή 03 Δεκεμβρίου 2021

GreenPro

Έργο: Exploration of Innovative Herb-Based Nutritional Strategies in Order to Reduce Antimicrobial Use for Green Pig and Poultry Production

Επιστημονικές περιοχές: 1. ΑΓΡΟΔΙΑΤΡΟΦΗ ΚΑΙ ΒΙΟΜΗΧΑΝΙΑ ΤΡΟΦΙΜΩΝ
2. Βελτίωση της ποιότητας προϊόντων φυτικής και ζωικής πρωτογενούς παραγωγής



<http://morem.chem.auth.gr>

Έργο: Development of Monitoring and Removal strategies of Emerging Micropollutants in wastewater

Επιστημονικές περιοχές: 1. ΠΕΡΙΒΑΛΛΟΝ
2. Διαχείριση Υγρών Αποβλήτων

Διοργάνωση:

Ελλάδα: Τμήμα Κτηνιατρικής, Τμήμα Χημείας, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης, ΚΕΔΕΚ-ΑΠΘ

Κίνα: Nanjing Agricultural University, Dept. of Environmental Science, Sun Yat-sen University

ΠΡΟΣΚΛΗΣΗ

Το Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης, το ΚΕΔΕΚ-ΑΠΘ, το Nanjing Agricultural University και το Sun Yat-sen University, στο πλαίσιο της δράσης «Διμερής και Πολυμερής E&T Συνεργασία Ελλάδας – Κίνας» σας προσκαλούν στη Διεπιστημονική Ημερίδα της παρουσίασης των ερευνητικών έργων GreenPro & MOREM.

Η εκδήλωση θα πραγματοποιηθεί διαδικτυακά (απαιτείται προηγούμενη εγγραφή προκειμένου να λάβετε τα στοιχεία σύνδεσης)



WORKSHOP PROGRAM

► INNOVATIVE HERB-BASED NUTRITIONAL STRATEGIES (GreenPro) | ► MONITORING & REMOVAL STRATEGIES OF EMERGING MICROPOLLUTANTS IN WASTEWATER (MOREM)

Chair: E. Giannenas, D. Lambropoulou

08:45 – 09:00 Registration

09:00 – 09:20 Greetings

- **Nikolaos Papaioannou**, Rector of Aristotle University of Thessaloniki (AUTH)
- **Athanasios Mitropoulos**, Dean of Faculty of Science, International Hellenic University
- **Partners and executive Representatives** of GreenPro & MOREM

PART I. INNOVATIVE HERB-BASED NUTRITIONAL STRATEGIES

09:30 – 09:50 Trends and challenges for sustainable development of animal production in Greece, Europe and globally

- **Georgios Arsenos**, Professor, School of Veterinary medicine, AUTH

09:50 – 10:10 Modern Pig nutrition

- **Jing Wang**, Professor Nanjing Agricultural University

10:10 – 10:30 Safeguarding threatened species and promoting the use of plant resources in research and development

- **Eleni Maloupa**, Director, Institute of Plant Breeding and Genetic Resources, Hellenic Agricultural Organization DEMETER

10:30 – 10:50 Current situation of animal and feed industry in China

- **Jin Gene**, Meritech, Guangzhou, China

10:50 – 11:10 Green nutrition for green production: How microbes are involved in pig and poultry sustainable future

- **Ioannis Skoufos**, Professor, University of Ioannina

11:10 – 11:30 The effects of commitment and badges on the carbon footprint of food shopping

- **Dr. Natasha Auch**, Newcastle University

11:30 – 11:50 Potential of insects as a sustainable food and feed

- **Nicolas Braun** and **Vaughan Wooding**, Buhler SA, Switzerland

11:50 – 12:00 Break

PART II. MONITORING & REMOVAL STRATEGIES OF EMERGING MICROPOLLUTANTS IN WASTEWATER

12:00 – 12:20 MOREM: A brief description

- **Dimitra Lambropoulou**, Assoc. Professor, Dept. of Chemistry, KEDEK, AUTH

12:20 – 12:40 The elimination of emerging micropollutants by the integrated process of membrane filtration-UV/chlorine advanced oxidation

- **Xin Yang**, Professor, Dept. of Environmental Science, Sun Yat-sen University

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12:40 – 13:00	Technology of “nanobubbles” in the treatment of wastewaters ► Athanasios Mitropoulos, Professor, Dept. of Chemistry, IHU
13:00 – 13:20	Wastewater treatment for the removal of micropollutants: The case of adsorption process ► George Kyzas, Assoc. Professor, Dept. of Chemistry, IHU
13:20 – 13:40	Sampling strategies for microplastics in wastewaters ► Ioannis Lioumbas, Research Office of EYATH
13:40 – 14:00	Monitoring of Emerging contaminants in wastewaters ► Christina Nannou, Dept. of Chemistry, KEDEK, AUTH
14:00 – 14:20	Monitoring of microplastics in wastewaters ► Dimitrios Kalaronis, Dept. of Chemistry, KEDEK, AUTH
14:00 – 14:20	Adverse effects of microplastics exert on fish tissues - molecular to individual level ► Martha Kaloyianni, Professor, Biology department, AUTH
14:20 – 15:00	Break
15:00 – 16:30	Poster Session
16:30 – 17:00	Roundtable Session
	Closing

About GreenPro



GreenPro

GreenPro is the successor of GreenPork project adopting a whole-systems approach to optimise feed efficiency and reduce the ecological footprint of monogastrics. Supporting efficient and ecologically friendly pig and poultry production the overall aim is to investigate different ways to eliminate the use of antibiotics at farm level. The challenge is to test whether this is an opportunity or liability for the Pig and Poultry industry considering that both in Greece and China, but also globally antimicrobial resistance in animal production has become a major problem.

About MOREM



Development of Monitoring and Removal Strategies of Emerging Micropollutants in wastewaters

«The ultimate goal of MOREM is to develop an integration methodology framework combining novel sampling, monitoring and removal strategies in order to manage and remove emerging micropollutants such as PPCPs and microplastics in wastewaters. The project is divided into three phases; the first phase is the monitoring of the PPCPs in a municipal WWTP by using novel Super-Adsorbent Materials (SAMs) and Molecularly Imprinted Polymers (MIPs) materials with remarkable properties, the second will focus on removal approaches of PPCPs by using AOPs and the third is focused on sampling and monitoring of microplastics in wastewaters»

► Greece - China Call for Proposals for Joint RT&D Projects launched under the auspices of the Ministry of Science and Technology (MOST) of the People's Republic of China and the Ministry of Development & Investments /General Secretariat of Research and Technology (GSRT) of the Hellenic Republic