ENVIRONMENT INTERNATIONAL

AUTHOR INFORMATION PACK

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  Biological wastewater treatment; Water reuse technique

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Air pollution epidemiology; Exposure assessment; Accountability research; Systematic reviews

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**Xavier Querol**, Consejo Superior de Investigaciones Científicas (CSIC), Barcelona, Spain

Environmental geochemistry; Air quality; Atmospheric aerosols; Tropospheric ozone; Black carbon; Ultrafine particles; Metals; Organic pollutants; Inorganic gaseous pollutants, NO2, NO, NOx, SO2, SO3, CO, NH3; Source apportionment; Urban and regional pollution; Atmosphere and climate change; Air quality policy; Mobile, industrial, domestic and agricultural emissions of air pollutants; Leaching of industrial wastes; Impact of mining on environment; Recycling of industrial wastes; Coal use related pollution

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Air pollution epidemiology; Cohort studies; Time series studies; Systematic review; Meta-analysis; Medical statistics

**Damià Barceló**, Consejo Superior de Investigaciones Científicas (CSIC), Barcelona, Spain

Environmental analysis; Water and soil quality; Organic mass spectrometry; Emerging organic contaminants; Nanomaterials; Biosensors for: Analysis, Fate and Risk of Emerging Pollutants such as Pharmaceuticals and Nanomaterials in the Environment Water Pollution Control and Protection Bridging analytical chemistry with ecotoxicology- toxicity identification; Evaluation techniques used: GC and LC tandem MS, biosensors, sample preparation, automated on-line techniques for water analysis environmental samples (water, including marine waters, sediments soils, biota samples)

**Linda Birnbaum**, National Institute of Environmental Health Sciences (NIEHS), North Carolina, USA

Environmental Toxicology, Dioxin, Endocrine Disruptors, BPAs, Flame Retardants

**Julian Blasco**, Instituto de Ciencias Marinas de Andalucía (CSIC), Puerto Real (Cádiz), Spain

Metals; Pharmaceuticals; Nanoparticles; Pollution; Ecotoxicology; Risk assessment; Seawater; Sediment

**Michael Bloom**, University at Albany, SUNY, Rensselaer, New York, USA

Environmental Epidemiology; Reproductive Epidemiology; Endocrine Disruptors

**Bin Cao**, Nanyang Technological University, Singapore, Singapore

Membrane bioreactors; Microbial Fuel Cells; Microbial Electrolytic Cells; Radiolysis; AORPs; Sustainability; Decentralized Wastewater Treatment; Resources Recovery; Energy Recovery; Nutrients Recovery

**Nicole Cardello Deziel**, Yale School of Public Health, New Haven, Connecticut, USA

Exposure Science (environmental measurements, biomonitoring, geospatial models); pesticides; persistent organic pollutants; hydraulic fracturing

**Corinne Charlier**, CHU Sart-Tilman, Liege, Belgium

**Kyungho Choi**, Seoul National University (SNU), Seoul, The Republic of Korea

Environmental Health, Environmental Toxicology, Exposure and Risk Assessment, Endocrine Disruption, Thyroid Hormones, Reproduction, Ecotoxicology, Persistent Organic Pollutants, Phenolics, Personal Care Products
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Yanzheng Gao, Nanjing Agricultural University, Nanjing, China
Diffuse microbial pollution from agriculture; modelling & decision support in environmental systems; fate & transfer of human pathogens; recreational water quality

Spyros G. Pavlostathis, Georgia Institute of Technology, Atlanta, Georgia, USA

Environmental biotechnology; Bioprocess engineering; Wastewater treatment; Anaerobic digestion; Biotransformation; Bioremediation; Bioenergy and biofuels; Bioelectrochemical systems; Kinetics and modeling

Nuno Ratola, Universidade do Porto, Porto, Portugal

Environmental presence and behaviour of legacy and emerging organic contaminants; Biomonitoring and chemical transport of chemicals; Advanced analytical techniques of extraction and quantification; Field sampling campaigns and sample handling protocols; Exposure assessment and prioritisation of relevant compounds; Climate change scenarios

Benoit Roig, Université de Nîmes, Nîmes, France

Ivan Rusyn, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina, USA

Gene expression Omics

Heqing Shen, Chinese Academy of Sciences (CAS), Xiamen, China

Biological monitoring (Bio-monitoring); Endocrine disrupting chemicals; Human microbiome; Birth cohort; Male fertility; Biomarkers; Epigenetics; OMICS with emphasis toxicometabolomics

Luis Felipe Silva Oliveira, Universidad de la Costa (CUC), Barranquilla, Colombia

Nanochemistry in Real Samples (in special nanomaterials and advanced electron beam); Soil and water researches; Atmosphere impacts (in special particulate matter)

Christian Sonne, Aarhus University, Roskilde, Denmark

Biological effects, environmental chemicals, infectious diseases, climate change, veterinary science, wildlife medicine, predatory mammals, raptor birds, sea birds, fish, internal organs, reproductive organs, histopathology, morphology, skeletal system, bone density, mammalian and avian reproductive systems, PBPK modelling, blood biochemistry, implantation of PTT satellite transmitters, immobilization.

Massimo Stafoggia, Lazio Regional Health Service, Rome, Italy

Exposure assessment; statistical methods; air pollution; epidemiology; study design

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Water resources; Energy systems; Policy; Urban water; Sustainability

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Analytical Chemistry; Ecotoxicology; Molecular Toxicology; Environmental Monitoring; Risk Assessment; Human studies; Organic Contaminates; Flame Retardants; Urinary Biomarkers; Metabolites; Gas Chromatography-Mass Spectrometry (GC-MS); Lipid Chromatography-Mass Spectrometry (LC-MS)

Phong K. Thai, University of Queensland, Woolloongabba, Queensland, Australia

Wastewater analysis; Water quality; Air quality; Air pollution; Environmental monitoring; Environmental health

Shilu Tong, Shanghai Jiao Tong University, Shanghai, China

Environmental epidemiology, climate change, planetary health, sustainable development, quantitative risk assessment, spatiotemporal modelling

Eric D. van Hullebusch, Institut de Physique du Globe de Paris, Paris, France

Resource Recovery, Solid Waste, Biological wastewater treatment, Bio-hydrometallurgy, Anaerobic Digestion, Biogeochemistry, Critical Elements

Nico M. van Straalen, Vrije Universiteit Amsterdam, Amsterdam, Netherlands

Marc-Andre Verner, Université de Montréal, Montreal, Quebec, Canada

Exposure assessment, pharmacokinetic modeling, environmental epidemiology, persistent organic pollutants, risk assessment

Jun Wu, University of California at Irvine, Irvine, California, USA

Zuxin Xu, Tongji University, Shanghai, China

Modelling & decision support in environmental systems; Urban and regional water quality; Water pollution control of river system; Urban sewage system planning; Aquatic Ecosystem management

Kai Zhang, University of Texas Health Science Center at Houston (UTHealth), Houston, Texas, USA

Air quality; Built Environment; Climate Change and Health; Environmental and Occupational Epidemiology; Exposure assessment; Exposome; GIS; Urban Health; Statistics
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