### Platform presentations – 08 April, Afternoon

#### 8 April Room: Netherland III (70 people) 14:15-15:55 A1. Harmonization and advances in the detection and characterisation of plastic pollution in the agrifood chain Abstract ID Chairs: Nicolas Beriot (Wageningen University), Bert Van Bavel (NIVA) 14:15 Brief section intro 14:18 Keynote: Harmonization and quality control are key to improve the analysis of micro plastic pollution in the agrifood chain. Bert Van Bavel (NIVA) 14:37 77 A multi-technique approach to detect microplastics in soil Pierofrancesco Cerruti (Institute of Polymers, Composites and Biomaterials, National Research Council of Italy) 14:50 50 Microplastics Analysis and the Infrared Spectrum: Is Spectral Range Selection Critical? Wesam Alwan (Agilent Technologies, Inc.) 15:03 74 Fluorescent Labelling of Polystyrene Microplastics for in Situ Detection in Soil Shen Sesselle (Ghent University) 15:16 73 Portable devices for the detection of plastic particles below 15 µm: application of Raman spectroscopy and optical/acoustical tweezers Silvie Bernatova (Institute for chemical and physical processes (IPCF), National Research Council of Italy) 15:29 33 Ensuring representative sample volume predictions in microplastic monitoring Richard Cross (UK Centre for Ecology and Hydrology) 15:42 Minipanel 15:55 - 16:25 Poster time with coffee 16:25-18:20 B1. Addressing sustainability of plastic in the agrifood sector Chairs: Valentina Tartiu (NIVA) + Ildiko Heim (FiBL) + Giulia Carcasci (FAO) 16:25 Brief section intro 16:28 Keynote: Regulatory frameworks for sustainable plastics use in agrifood systems, and the role of FAO. Giulia Carcasci (FAO) 16:47 Holistic and circular approaches for plastic management in agriculture 94 Noora Räsänen (MTK-Pohjois-Savo) 17:00 82 Circular economy pathways to address agriculture plastic waste in 7 countries – A research protocol Ravinder Kumar (Natural Resources Institute, University of Greenwich, UK) 17:13 44 Assessing the ecological and socio-economic impacts of Microplastics at field and farm level: Development of a holistic questionnaire and analysis of survey results in MINAGRIS project Ildiko Heim (FiBL Austria) 17:26 53 Mapping of Agricultural Plastics Pollution in Soil: case study of Italy, France and Norway Ali Hachem (University of Bari Aldo Moro) 17:39 84 Why biodegradable plastic polymers are not a nice to have but a must for certain applications Christian Lott (HYDRA Marine Sciences GmbH) 17:52 18 Safe and sustainable by design polyesters: integrating structural modeling, ecotoxicity and biodegradation studies for fast screening Raffaele Bruschi (Università degli Studi di Trieste) 18:05 95 Circular use of biobased plastics in agri- and horticulture Maarten van der Zee (Wageningen Food & Biobased Research)

18:20

End of day

	8 April			
	Belgium I+II (140 people)			
14:15-15:55		A2. Plastics and plastic additives in food: a One Health perspectives over plastic pollution		
14:10-10:00				
	Abstract ID			
14:15		Chairs: Lev Neretin (FAO), France Collard (NIVA). Brief section intro		
14:13	3	Keynote: Exposure of U.S. Adults to Microplastics from Commonly-Consumed Proteins		
14.10	3	Hannah De Frond (Ocean Conservancy)		
14:37	6	Occurrence of microplastics and bisphenols in shellfish on the Croatian Adriatic coast		
	-	(PLASTICSHELL project)		
		Sandra Petričević (Croatian Veterinary Institute)		
14:50	59	Human exposure to microplastic through cod consumption: a focus on Norway France Collard (Norwegian institute for Water Research - NIVA)		
15:03	91	Characterizing microplastic contamination in milk and cheese Elena Visentin (University of Padova)		
15:16	86	Impact of Microplastics on Honey Bees and Honey Products Parisa Gazerani (Oslo Metropolitan University)		
15:29	76	Migration of micro- and nanoparticles from reusable food contact material Karla Parga (McGill University)		
15:42		Minipanel		
16:25-18:20		B2. Understanding the impact of plastics and associated contaminants in soil environments		
		Chairs: Lisa Joos (Ghent University), Melanie Braun (University of Bonn)		
16:25		Brief section intro		
16:28		Keynote: Unravelling the Microplastics and Microbiomes Nexus in Agrifood Systems Edoardo Puglisi (Università Cattolica)		
16:47	4	Conventional and biodegradable microplastics affect soil properties and microbial functions		
	-	across a European pedoclimatic gradient		
		Klara Smidova (RECETOX, Masaryk University)		
17:00	21	Effects of microplastic contamination on soil respiration and carbon sequestration Xiaomei Yang (Wageningen Unviersity)		
17:13	14	Effects of Conventional and Biobased Mulch Film Microplastics on Soil Bulk Density, Hydraulic Conductivity, and Water Retention in Two Soil Types Under Wetting-Drying Cycles		
		Špela Železnikar (University of Ljubljana)		
17:26	47	Interactions of microplastics with pesticides and veterinary drugs drive effects on ammonia		
		oxidizers and nitrification in agricultural soils Eleni Rafaila Lamprou (University of Thesssaly)		
17:39	70	Biological Evaluation of Binding of Toxins to Microplastics Elien Alderweireldt (Ghent University)		
17:52	57	Plastic legacy of a pandemic: the lingering impacts of personal protective equipment waste on		
		agroecosystems		
18:05		Gábor Feigl (Department of Plant Biology, University of Szeged) Miningpol		
10.05		Minipanel		
18:20		End of day		

## Platform presentations – 09 April, Morning

### 9 April

### Room: Netherland III (70 people)

### 09:00-10:30 Abstract ID C1a. Sources, distribution, fate and behaviour of plastics and associated chemical in soils

09.00-10.30	Abstract ID	Cia. Sources, distribution, rate and benaviour of plastics and associated chemical in soits
		Chairs: Rachel Hurley (Norwegian Institute for Water Research - NIVA), Christian Laforsch
		(Bayreuth University)
09:00		Brief section intro
09:03		Keynote: Agriplastics: Blessing or Curse?
		Violette Geissen (Wageningen University)
09:22	20	The MiCoS project: Monitoring of micro- and macroplastics in 240 arable fields in the Benelux Lisa Joos (Ghent University)
09:35	54	Microplastic contamination in agricultural soils: uFTIR method assessment and European survey of 220 fields <i>Nicolas Beriot (Wageningen University)</i>
09:48	32	Macro- and micro-plastic accumulation in soils under different intensive farming systems: A case study in Quzhou county, the North China Plain Hanyue Zhang (Wageningen University)
10:01	49	Long-term urban compost application leads to coarse microplastics accumulation in agricultural soils Gabin Colombini (IEES-Paris, Sorbonne University)
10:14	68	The Distribution of Pristine and Aged Microplastics in Soil Aggregate Fractions Patria Novita Kusumawardani (Ghent University)
10:30-10:45 10:45-12:35		Coffee break C1b. Sources, distribution, fate and behaviour of plastics and associated chemical in soils
10140 12100		Chairs: Rachel Hurley (NIVA), Christian Laforsch (Bayreuth University)
10:45		Keynote: Tracking the fate of microplastics derived from agricultural mulching films Rachel Hurley (NIVA)
11:04	69	Mobility and fate of biodegradable microplastics in agricultural soils Cynthia Rieckhof Rivas (IMDEA Water Institute)
11:17	34	Microplastic incorporation into soil aggregates: Insights from two-year field experiments in European agricultural topsoils Max Groß (Institute of Crop Science and Resource Conservation - Soil Science, University of Bonn)
11:30	35	First experimental evidence of fast leaching of small $(1.7 \mu m)$ microplastics added to soil in field conditions Nick Krekelbergh (Ghent University)
11:43	78	Rainfall-induced transport of microplastics in soils depends on soil pore structure Jeongyeon Yun (Swedish University of Agricultural Sciences)
11:56	56	Plastic additive fate in soil, earthworms and barley: A 2-year field study Aristeidis Tsagkaris (University of Chemistry and Technology, Prague)

degradable microplastics in agricultural soils	10:58	2
DEA Water Institute)		
tion into soil aggregates: Insights from two-year field experiments in opsoils	11:11	2
Science and Resource Conservation - Soil Science, University of Ronn)		

## 9 April

Belgium I+II (140 people)

### 09:00-10:30 Abstract ID C2a. Effects of plastic residues on plants

03.00-10.30	Abstract ID	oza. Effects of plastic residues of plants
Chairs		Chairs: Luca Nizzetto (Norwegian Institute for Water Research - NIVA), Sannakajsa Velmala
		(Natural Resources Institute Finland - Luke)
09:00		Brief section Intro
09:03		Keynote: Plastic and Plants: What We've Learned and What's Next
		Thijs Bosker and Laura Zantis (Leiden University)
09:22	22	Biodegradable microplastics induce changes in lettuce defence mechanisms and soil microbial activities
		Sannakajsa Velmala (Natural Resources institute Finland - Luke)
09:35	23	Short-term impact of plastic and biodegradable mulches on soil health in blueberry plantation in Southern Portugal <i>Corina Carranca (INIAV)</i>
09:48	27	Effects of biodegradable plastics on the uptake of N by plants Sara Guerrini (University of Bologna and NOVAMONT)
10:01	38	Response of maize (Zea mays) growth to soil contaminated with microplastics under field conditions Bin Guo (Wageningen University)
10:14		Minipanel
10:30-10:45		Coffee break
10:45-12:35		
		Chairs: Luca Nizzetto (Norwegian Institute for Water Research - NIVA), Sannakajsa Velmala (Natural Resources Institute Finland - Luke)
10:45	2	Wood distillate enhances plant defences and yields in bioplastic-contaminated soils, while
		reducing reliance on chemical solutions
		Silvia Celletti (University of Turin, Department of Agricultural, Forest and Food Sciences - DISAFA)
10:58	26	Comparative Impacts of Leached Chemicals from Conventional and Biodegradable Plastics on
		Crop Growth and Development
		Laura Zantis (Leiden University)
11:11	28	Transcriptomic analysis of durum wheat responses to polystyrene nanoplastics Giuliana Bruno (University of Tuscia)
11:24	29 Short-time exposure to microplastics: case study with potted blueberry plants Ana Mafalda Tendeiro (ITQB NOVA)	

	23	Ana Mafalda Tendeiro (ITQB NOVA)
11:37		Polystyrene nanoplastics drive metabolic shifts in pasta wheat towards high sugar accumulation
		through osmotic stress mechanisms, posing risks to crop yield and food security
		Benedetta Pizziconi (Università Campus Bio-Medico di Roma)
11:50	88	Impact of Polyethylene Nanoplastics on Plant–Rhizosphere Interactions in Lettuce (cv. Canasta)
		and tomato (cv. Microtom): A Multi-Omics Approach
		Leilei Zhang (Università Cattolica del Sacro Cuore)
12:03		Minipanel
12:16		

12:35-14:15 Lunch break & Poster time

16

12:09

12:22

Yin Liu (Ghent University)

Mini panel

Microplastic transport in soil by nematodes

12:35-14:15

Lunch break & Poster Time

## Platform presentations – 09 April, Afternoon

### 9 April

17:31

17:45

#### Room: Netherland III (70 people)

#### 14:15-16:00 Abstract D D1a Behaviour and transformations of plastic and associated chemical pollution in soils

14:15-16:00	Abstract ID	D1a. Behaviour and transformations of plastic and associated chemical pollution in soils
		Chairs: Raffaella Meffe & María de las Virtudes Martínez Hernández (IMDEA Water Institute)
14:15		Brief intro
14:18	61	Keynote: The fate of chemical additives released in agricultural soil from biodegradable mulching films. Demetres Briassoulis (Agricultural University of Athens)
14:37	40	Co-occurrence of multiple contaminants: unentangling adsorption behaviour in agricultural soils Gaowei Tan (Wageningen University)
14:50	96	Microplastic transport in agricultural soils - from a field to a burrow scale Wiebke Mareile Heinze (Swedish University of Agriculture)
15:03	9	Investigating the Degradation of Biodegradable Mulch Films in Agricultural Soil: A Molecular Approach Giuseppe Proietto Salanitri (IPCB-CNR ss Catania & University of Bologna)
15:16	60	Comparative disintegration/biodegradation of biodegradable in soil mulching films under field conditions in South and North Europe Christina Pyromali (Agricultural University of Athens)
15:29	37	The MiCoS project: Determining the biofilm formation over time on macro-plastics in a soil environment Jozefien Demeulenaere (Ghent University)
15:42		Minipanel
15:55-16:30 16:30-17:45		Poster time with coffee D1b. Integrating data and knowledge from plastic pollution monitoring
		Chairs: Caroline de Tender (Ghent Univeristy) and Violette Geissen (Wageningen University)
16:30		Brief Intro
16:33		Keynote: Plastic pollution across environments – a monitoring framework to study (micro-plastic behaviour Caroline De Tender (Ghent University)
16:52	5	The Global AgriPlastics project: Assessing the societal benefits and risks of plastic film mulch use Dave Chadwick (Bangor University)
17:05	12	Characterizing Microplastics emissions impacts in Life Cycle Assessment of agricultural production Anne-Marie Boulay (CIRAIG Polytechnique Montreal)
17:18	72	Advancing Microplastic Fate Assessment: Incorporating Size Analysis and Abiotic Degradation in Regulatory Testing

Philipp Dalkmann (Bayer AG - Crop Science Division)

Minipanel

End of conference

### 9 April

Belgium I+II (140 people)

#### 14:15-16:00 Abstract ID D2a. Unravelling plastic impacts in agrifood systems and beyond

		Chairs: Salla Sellonen (SYKE), Kees Van Gestel (Vrije Universteit Amsterdam)
14:15		Brief section intro
14:18		Keynote: Microplastic impact in agrifoodsystems and beyond. Invertebrates and vertebrates as
		indicators. Esperanza Huerta Lwanga (Wageningen University)
14:37	17	The effects of mulching film-derived microplastics on plants, soil organisms and microbial communities in a mesocosm study
		Sam van Loon (Vrije Universiteit Amsterdam)
14:50	55	A Systematic Approach for a Holistic Ecotoxicological Assessment Strategy of Polymers Marie Winter (Fraunhofer Institute for Molecular Biology and Applied Ecology IME)
15:03	36	Human Health effect factor for Micro- and nano-plastic exposure via ingestion in LCA Anne-Marie Boulay (CIRAIG Polytechnique Montreal)
15:16	31	Adverse effects of nanoplastics in bovine granulosa cells that accumulate 100 nm and 250 nm polystyrene particles in vitro Anja Baufeld (Research Institute for Farm Animal Biology - FBN)
15:29		Minipanel
15:42		

15:55-16:30		Poster time with coffee			
16:30-17:45		D2b. Unravelling plastic impacts in agrifood systems and beyond			
		Chairs: Sam Van Loon (Vrije University Amsterdam), Esperanza Huerta Lwanga (Wageningen			
		University)			
		Brief Intro			
16:33	11	Keynote: Effects of microplastics from mulching films on soil invertebrate communities in			
		agricultural field plots from three different geographical regions			
		Kees van Gestel (Vrije Universiteit Amsterdam)			
16:52	46	Effects of conventional and biodegradable microplastics on earthworm Eisenia andrei in two			
		generations			
		Vili Saartama (Finnish environment institute - SYKE)			
17:05	62	Role of biodegradable and non-biodegradable microplastic in modulating the toxicological			
		effects of organic pollutants in the soil organism Folsomia candida			
17.10		Ilaria Negri (Università Cattolica del Sacro Cuore)			
17:18	66	Reproductive and behavioural responses of four soil invertebrate species to two types of			
		polypropylene microplastics originating from agricultural plastics			
17:01		Salla Selonen (Finnish Environment Institute - SYKE)			
17:31	Minipanel				
17:45		End of conference			

# Poster presentations – 08 April

8 April			
Poster slot	Abstract ID	Session	Title
num.			
P1	41	A1	Optimizing methods for quantification of microplastics in agricultural soils Joana Antunes (INIAV)
P2	43	A1	Application of Raman microspectroscopy for the characterization of microplastics in clam Chamelea gallina Rosaria Aloia (Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise, Via Campo Boario, Italy)
P3	71	A1	The InPlasTwin project: Increasing expertise in micro- and nanoplastics analysis through twinning action <i>Xiaoyu Zhang (Flemish Institute for Technological Research)</i>
P4	51	A1	Method development for analysis of nanoplastics in drinking water and milk using transmission electron microscopy (TEM) Charlotte Wouters (Trace Elements and Nanomaterials, Sciensano)
P5	81	B1	Microplastic persistence & environmental impact of non- vs. biodegradable polymers in a conceptual model as a tool combining desired material properties & reduction of accumulation in the environment <i>Miriam Weber (HYDRA Marine Sciences GmbH)</i>
P6	93	B1	Microplastics in agricultural soils – awareness, knowledge and biodegradable product alternatives <i>Claudia Preininger (AIT Austrian Institute of Technology)</i>
P7	103	B1	Hydrophobization of Cellulose Nanocrystals and Rice Husk Surface by Infrared Thermal Activation Lucia Gardossi (University of Trieste)
P8	104	B1	Introducing the MAGNO project Ana Crespo-Cortés (Centro Tecnológico Del Calzado y Del Plástico De La Región De Murcia)
P9	105	B2	PHAntastic. PHA- based innovative agricultural solutions to deliver bio-based fertilizers and plant protection products Ana Crespo-Cortés (Centro Tecnológico Del Calzado y Del Plástico De La Región De Murcia)
P10	48	B2	Exploring the role of Plastisphere as a hotspot of Microbial Evolution for New Catabolic and Antibiotic Resistance Traits Eustathios (Stathis) Lagos (Department of Biochemistry and Biotechnology, University of Thessaly, Larissa, Greece)
P11	101	B2	Microplastics in soil: Long-term persistence, Transfer Risks, and Implications for Agroecosystems and Food Safety Parisa Gazerani (Oslo Metropolitan University)
P12			
P13	Sponsored		European Atlas of agricultural plastics Evelia Schettini (UNIBA)
P14	Sponsored		Development of Mass Spectrometry Search Algorithm for Mixed Microplastics by Py-GC/MS in the presence of inorganic diluents Michael Soll (Fromtier Lab)
P15	Sponsored		Introducing "Microplastics" a new MDPI journal <i>MDPI</i>

# Poster presentations – 09 April

Poster Subt     Abstract ID     Session     Ittle       num.	9 April			
P139C1Microplastic vertical migration in Antarctic soils under successive freezing-thawing cycles Experime Humber Humbers Hy Samile Kenchen (University of Bayreuth)P267C1Trophic transfect of microplastics from soil via earthworms (Eisenia fetida) to ground beetles (Poecilus cupreus) Samile Kenchen (University of Bayreuth)P3102C1Response of the ant species Lasius niger to soil contamination with mulch film fragments at the micro- and nanoscale Samile Kenchen (University of Bayreuth)P492C1Microplastic background levels in German soils Zochrais Stehmeter (RPT Kalestautern-Ladau, Lik Standau)P51C2Effects of microplastics on wheat performance in sewage studge-amended soils Anna Chartatida (University of Bayreuth)P715D1Biodegradability of microplastics from mulching films: Conventional vs. biodegradable materials in the open environment <i>Antia Jenne Kokall (University of Lubiana, Faculty of Chemistry and Chemistal Technology)</i> P887D1Fragmentation of soil-biodegradable mulch film: The difference between fragments released from certified soil-biodegradable products and persistent microplastics from mulching films: Conventional vs. biodegradable materials in the open environment Microplastics Patida Poht (MASF SE)P990D1Agricultural practices as major contributors to microplastic contamination in soil Nataas Soile (University d'Lubian, Statuty of Chemistry and Chemistal microplastic effects in marine polychaetes Filippo Vaccari (University of Marcoplastics in soft statute ad Biology, Warsaw University of Lie Sciences)P1065D2Harnessing multi-omics insights to investigate environme	Poster Slot	Abstract ID	Session	Title
P2       67       C1       Trophic transfer of microplastics from soil via earthworms (Eisenia fetida) to ground beetles (Poecilus cupreus) Samite Kennchen (University of Bayreuth)         P3       102       C1       Response of the ant species Lasus niger to soil contamination with mulch film fragments at the micro- and nanoscale Samite Kennchen (University of Bayreuth)         P4       92       C1       Microplastic background levels in German soils Zacharias Steinmetz (MPU Kaierstautern-Landau, LES Landau)         P5       1       C2       Effects on microplastic background levels in German soils Anna Charatidou (University of Sheffield)         P6       10       C2       Microplastics from disposable plastic bags induce changes in soil properties and drought-like stress in sunflower Anita Jenee Kokal (University of Sheffield)         P7       15       D1       Biodegradabile plastic from mulching films: Conventional vs. biodegradable materials in the open environment Gabriels Acidicau (University of Lubiana, Eacuter) of Chemical Technology         P8       87       D1       Fragmentation of soil-biodegradable mulch film: The difference between fragments released from certified soil-biodegradable products and persistent microplastics as major contributors to microplastic contamination in soil Natasa Steije (University at Cuonica del Bacro Guree)         P10       65       D2       Hamessing multi-onics insights to investigate environmental microplastic from Capo-2 cell model Gabriels Acidica del Bacro Guree)         P11       79       D2	num.			
Samite Kenchen (University of Bayreuth)         P3       102       C1       Response of the ant species Lasius niger to soil contamination with mulch film fragments at the micro- and nanoscale samite Kenchen (University of Bayreuth)         P4       92       C1       Microplastic background levels in German soils Zacharlas Steinmetr (BPU Kaiserstautem-Landau, ISE Landau)         P5       1       C2       Effects of microplastics on wheat performance in sewage sludge-amended soils Anna Charatidou (University of Sheffield)         P6       10       C2       Microplastics on wheat performance in sewage sludge-amended soils Anna Charatidou (University of Sheffield)         P7       15       D1       Biodegradability of microplastics from mulching films: Conventional vs. biodegradable materials in the open environment Gabriela Kalčikowa (University of Lubijana, Faculty of Chemistry and Chemical Technology)         P8       87       D1       Fragmentation of soil-biodegradable mulch film: The difference between fragments released from certified soil-biodegradable products and persistent microplastics <i>Partial Phol</i> (BAS SS)         P9       90       D1       Agricultural practices as major contributors to microplastic contamination in soil Natasa Stojic (University at Catadica del Sacro Cuore)         P11       79       D2       The effect of pollution on the electrophysiclogy of epithelium – insights form Caco-2 cell model Gabries Wegdifiska (Department of Physics and Biophysics, Institute of Biology, Warsaw University of Life Sciences) <td< td=""><td>P1</td><td>39</td><td>C1</td><td></td></td<>	P1	39	C1	
P4       92       C1       Microplastic background levels in German soils Zacharias Steimett (RPV Kaiserslauter-Landau, iES Landau)         P5       1       C2       Effects of microplastics on wheat performance in sewage sludge-amended soils Anna Charatatiou (University of Sheffield)         P6       10       C2       Microplastics from disposable plastic bags induce changes in soil properties and drought-like stress in sunflower Anna Charatatiou (University of Sheffield)         P7       15       D1       Biodegradability of microplastics from mulching films: Conventional vs. biodegradable materials in the open environment Gabriela Katikova (University of Lubipan, Facuty of Chemistry and Chemical Technology)         P8       87       D1       Fragmentation of soil-biodegradable mulch film: The difference between fragments released from certified soil-biodegradable products and persistent microplastics Partizia Phol (RAF SE)         P9       90       D1       Agricultural practices as major contributors to microplastic contamination in soil Natasa Stojie (University Educons)         P10       65       D2       Harnessing multi-micro insights to investigate environmental microplastic effects in marine polychaetes Filippo Vaccari (University Catolica del Sacro Cuere)         P11       79       D2       The effect of pollution on the electrophysiology of pithelium – insights from Caco-2 cell model Gabriela Weglińska (Department of Physics, Institut of Biology, Warsaw University of Life Sciences)         P12       89       D2       Different	P2	67	C1	
P5       1       C2       Effects of microplastics on wheat performance in sewage sludge-amended soils Anna Charatidou (Invessity of Sheffield) Anna Charatidou (Invessity of Sheffield)         P6       10       C2       Microplastics from disposable plastic bags induce changes in soil properties and drought-like stress in sunflower Anna Charatidou (Invessity of Liubiana, Biotechnicat Tacuty) Anna Lemec Kokal (University of Liubiana, Biotechnicat Tacuty) BP7       15       D1       Biodegradability of microplastics from mulching films: Conventional vs. biodegradable materials in the open environment Gabriela Kalikowa (University of Liubiana, Facuty of Chemistry and Chemicat Technology) BP8         P8       87       D1       Fragmentation of soil-biodegradable mulch film: The difference between fragments released from certified soil-biodegradable products and persistent microplastics or Nataas Stoil (University and Chemistry and Chem	P3	102	C1	
Anna Charatzidou (University of Sheffield)         P6       10       C2       Microplastics from disposable plastic bags induce changes in soil properties and drought-like stress in sunflower         Anita Jenec Kokal/ (University of Ljubijana, Biotechnical Taculty)       P7       15       D1       Biodegradability of microplastics from mulching films: Conventional vs. biodegradable materials in the open environment         Gabriela Katčikova (University of Ljubijana, Faculty of Chemistry and Chemical Technology)       P8       87       D1       Fragmentation of soil-biodegradable mulch film: The difference between fragments released from certified soil-biodegradable products and persistent microplastics         Partriate Phol (BASF SE)       P9       90       D1       Agricultural practices as major contributors to microplastic contamination in soil         Natasa Stojic (University Educons)       Natasa Stojic (University Educons)       Natasa Stojic (University Educons)         P10       65       D2       Harnessing multi-onics insights to investigate environmental microplastic effects in marine polychaetes Hilppo Vaccari (University Educatica del Sacro Cuore)         P11       79       D2       The effect of pollution on the electrophysiology of epithelium – insights from Caco-2 cell model         Gabriela Weglińska (Department of Physics and Biophysics, Institute of Biology, Warsaw University of Life Sciences)       P12         P12       89       D2       Differential toxicological and microbial interactions	P4	92	C1	
Anita Jemec Kokalj (University of Ljubijana, Biotechnical faculty)         P7       15       D1       Biodegradability of microplastics from mulching films: Conventional vs. biodegradable materials in the open environment Gabriels Adčikova (University of Ljubijana, Faculty of Chemistry and Chemical Technology)         P8       87       D1       Fragmentation of soil-biodegradable mulch film: The difference between fragments released from certified soil-biodegradable products and persistent microplastics Patrizia Prohi (BASF SE)         P9       90       D1       Agricultural practices as major contributors to microplastic contamination in soil Natasa Stojic (University Educons)         P10       65       D2       Harnessing multi-omics insights to investigate environmental microplastic effects in marine polychaetes Filippo Vaccari (University Educons)         P11       79       D2       The effect of pollution on the electrophysiology of epithelium – insights from Caco-2 cell model Gabriel Weglińska (Department of Physics and Biophysics, Institute of Biology, Warsaw University of Life Sciences)         P12       89       D2       Differential toxicological and micropial interactions of compostable and conventional microplastics in zebrafish Omayma Misasawi (University Patrice)         P13       Sponsored       European Atlas of agricultural plastics Evelia Schettini (UNIBA)         P14       Sponsored       Introducing "Microplastics" a new MDPI journal		1		
Gabriela Kalčikova (University of Ljubijana, Facutty of Chemistry and Chemical Technology)         P8       87       D1       Fragmentation of soil-biodegradable mulch film: The difference between fragments released from certified soil-biodegradable products and persistent microplastics Patrizia Prohi (BASF SE)         P9       90       D1       Agricultural practices as major contributors to microplastic contamination in soil Natasa Stojic (University Educons)         P10       65       D2       Harnessing multi-omics insights to investigate environmental microplastic effects in marine polychaetes Filippo Vaccari (University Educons)         P11       79       D2       The effect of pollution on the electrophysiology of epithelium – insights from Caco-2 cell model Gabriela Weglińska (Department of Physics and Biophysics, Institute of Biology, Warsaw University of Life Sciences)         P12       89       D2       Differential toxicological and microbial interactions of compostable and conventional microplastics in zebrafish Omayma Missawi (University of Namur, Belgium)         P13       Sponsored       European Atlas of agricultural plastics Evelia Schettini (UNBA)         P14       Sponsored       Development of Mass Spectrometry Search Algorithm for Mixed Microplastics by Py-GC/MS in the presence of inorganic diluents Michael Soli (Frontier Lab)         P15       Sponsored       Introducing "Microplastics" a new MDPI journal	P6	10	C2	
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