

Partnership for the Assessment of Risks from Chemicals

PARC Meeting
P4.1.4.2.a_Y1_DataAnalysisHBM4EU

Agenda for the **Granada Workshop**

March 18-19, 2024



Partnership
FOR THE
Assessment
OF
Risks
FROM
Chemicals



**Co-funded by
the European Union**

This partnership has received funding from the European Union's Horizon Europe research and innovation programme under Grant Agreement No 101057014.

Organizer

This event will be organized within the facilities of University of Granada (UGR).

Meeting	PARC meeting project P4.1.4.2 Further analysis of the data generated within HBM4EU
Date	Monday and Tuesday, March 18th and 19th, 2024
Time	Monday 9:30 until 17:30 Tuesday 10:00 and ending around 13:00
Location of the workshop	Centro de Investigación Biomédica/Biomedical Research Center (CIBM). Av. Conocimiento; number 19; Postal code: 18016, Granada (Spain)
Travel information	The closest metro station to the venue is "Parque Tecnológico", a 2 min walk. The Granada metro has only one line. To get there from the city center you should take the line directed at "Armilla". Another option is to take the bus line U3 (stopping at "Avda. de la Innovación - Parque Tecnológico"), then 3 min walk.
Lunch	Lunch will be self-paid in the Canteen of the University of Granada (6 €, only cash). Please, highlight which days (only Monday or Monday and Tuesday) do you plan to have lunch in UGR facilities: PARC P4.1.4.2a ParticipationWorkshopGranada March2024.xlsx
Connection details	<p>To those partners joining online, links are displayed below:</p> <p>Session 1: PARC task: 4.1.4.2; Granada-Workshop: "Further analysis HBM4EU" - Link: https://oficinavirtual.ugr.es/redes/SOR/SALVEUGR/accesosala.jsp?IDSALA=22978007 - Password: 675453 - Date (time): 2024-03-18 (09:00:00-14:00:00, CET)</p> <p>Session 2: PARC task: 4.1.4.2; Granada-Workshop: "Further analysis HBM4EU" - Link: https://oficinavirtual.ugr.es/redes/SOR/SALVEUGR/accesosala.jsp?IDSALA=22978006 - Password: 701780 - Date (time): 2024-03-18 (15:00:00-19:00:00, CET)</p> <p>Session 3: PARC task: 4.1.4.2; Granada-Workshop: "Further analysis HBM4EU" - Link: https://oficinavirtual.ugr.es/redes/SOR/SALVEUGR/accesosala.jsp?IDSALA=22978005 - Password: 493719 - Date (time): 2024-03-19 (08:30:00-14:00:00, CET)</p>
Social event	UGR partners will organize an optional social event ("tapas") on Monday evening, 18/03 (self-paid). More information in the final program

Meeting agenda

Monday March 18, 2024

Time		Topic	Speakers
09:30 – 09:45	15 min	Arrival & connection & welcome	Marieta Fernandez (UGR) Andrea Rodriguez Carrillo (VITO) Eva Govarts (VITO)
09:45 – 10:00	15 min	Introduction & Project administration	Eva Govarts (VITO) Andrea Rodriguez Carrillo (VITO)
10:00 – 11:00	1h	Statistical Analysis Plan	Eva Govarts (VITO)
		• General statistical principles	Hamid Hassen (VITO)
		• Linking HBM to geospatial data	Janja Snoj Tratnik (JSI)
		• Exposure-effect analyses	Nina Iszatt (NIPH)
		• Mixtures	Lützen Portengen (UU-IRAS)*
		• Causal pathway analysis	German Cano-Sancho (INRAE)
11:00 – 11:15	15 min	Break	
11:15 – 12:15		Block for HBM4EU Aligned Studies	
	10 min	• Intro	Eva Govarts (VITO)
		• Geospatial analyses	Janja Snoj Tratnik (JSI)
	10 min	○ Intro	Janja Snoj Tratnik (JSI)
	15 min	○ Approach for address-based data extraction by data owners	Jure Ftičar, David Kocman (JSI)
	15 min	○ PAH case study – demonstration of analysis	Jiří Kalina (MU)
12:15 – 12:30	15 min	Break	
12:30 – 13:30		• Exposure-effect analyses	
	5 min	○ Intro	Nina Iszatt (NIPH)
	15 min	○ PFAS, Phthalates/DINCH, arsenic and metabolic hormones/kisspeptin and 8OHdG and mediation of the effect on BMI in teenagers	Andrea Rodriguez-Carrillo (VITO)
	15 min	○ PFAS, phthalates/DINCH and arsenic and epigenetic markers in teenagers	Sylvie Remy (VITO)
	15 min	○ Arsenic and sexual maturation in	Bianca Cox (VITO)

		teenagers	
	15 min	o Acrylamide and BDNF in children	Nina Iszatt (NIPH)
		o Acrylamide and metabolic effects in children	Nina Iszatt (NIPH)
13:30 – 15:00	1h15	Lunch break	
15:00 – 16:15	15 min	o UV filters, acrylamide and non-persistent pesticides and BMI in adults	German Cano-Sancho (INRAE)
	15 min	o UV filters and metabolism in teenagers	Elena Salamanca (UGR)
		o UV filters and asthma/allergy in teenagers	Elena Salamanca (UGR)
	15 min	o Environmental pollutants and asthma/allergy and mediating role of oxidative stress and immune markers in teenagers	Hamid Hassen (VITO)
	5 min	o Pesticides and asthma/allergy in children	Marina Lacasaña (EASP)
	5 min	o Pesticides and BMI in children	Marina Lacasaña (EASP)
	15 min	o Cadmium and BMI in adults	Manhai Long (AU)
16:15 – 16:30	15 min	Break	
16:30 – 17:15	15 min	o Bisphenols and BMI in adults	Marieta Fernandez (UGR)
	15 min	o PAHs and BMI in adults	Nafsika Papaioannou(AUTH)
	15 min	o Mycotoxins and BMI in adults	Margaux Riou (SpF)
17:15 – 17:30	15 min	Wrap-up day 1	Eva Govarts (VITO) Andrea Rodriguez Carrillo (VITO)
19:30 – 21:30		Social event	

*remote presentations

Tuesday March 19, 2024

Time		Topic	Speakers
10:00 – 10:45	45 min	Block for SPECIMEn Study	
		<ul style="list-style-type: none"> Intro 	Jelle Vlaanderen (UU-IRAS)*
		<ul style="list-style-type: none"> Exposure determinants analyses in SPECIMEN-NL 	Panos Mallioris (UU-IRAS)
		<ul style="list-style-type: none"> Steps towards a pan-European Specimen analysis 	Jelle Vlaanderen (UU-IRAS)*
10:45 – 11:30	45 min	Block for MoM- Study	
		<ul style="list-style-type: none"> Intro 	Katerina Gabriel (AUTH)
		<ul style="list-style-type: none"> Assessing Prenatal Mercury Exposure in Europe 	Achilleas Karakolzidis (AUTH)
		<ul style="list-style-type: none"> Navigating Safe Waters: MeHg Biokinetics and Fetal Well-being - Findings from the HBM4EU-MOM Study in the European Human Biomonitoring Initiative (HBM4EU) 	Spyros Karakitsios (AUTH)
		<ul style="list-style-type: none"> Unveiling Paths Forward: What are the Directions from HBM4EU-MOM Study Data 	Katerina Gabriel(AUTH)
11:30 – 12:00	30 min	Break	
12:00 – 12:45	45 min	Block for Occupational Studies	
		<ul style="list-style-type: none"> Intro 	Simo Porras (TTL)*
		<ul style="list-style-type: none"> HBM4EU Chromates Study: Findings from Biomonitoring Occupational Exposure to Manganese and Nickel 	Maria Torres Toda (LNS)
		<ul style="list-style-type: none"> HBM4EU E-Waste Study: Genotoxicity Biomarkers and Exposure to Metals 	Kukka Aimonen (TTL)
12:45 – 13:00	15 min	Wrap-up day 2	Eva Govarts (VITO) Andrea Rodriguez Carrillo (VITO)
13:30 – XX		Lunch	

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This meeting is part of the European Partnership for the Assessment of Risks from Chemicals.
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