

4th Scientific & Strategic Advisory Board Meeting

May 21, 2025 | Vienna



Exposome Austria

Research Infrastructure

National EIRENE Node

14:00 – 14:10 | Welcome by facilitator/rapporteur (Schernhammer)

14:10 – 15:20 | Progress report *Exposome Austria* (Warth)

- Background: EIRENE & Exposome Austria
- Enabling Science: services, pilot studies & use cases
- SSAB 2024: Implementing recommendations
- European ESFRI Developments
- Finances
- Education, Training & Community Building

15:20 – 15:40 | Break

15:40 – 16:20 | Discussion on progress and specific questions

16:20 – 16:50 | Interim evaluation – Closed session for SSAB members only

16:50 – 17:00 | Next steps

Welcome new SSAB member and guests



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Research Infrastructure for
EnvIRonmental Exposure
assessment in Europe

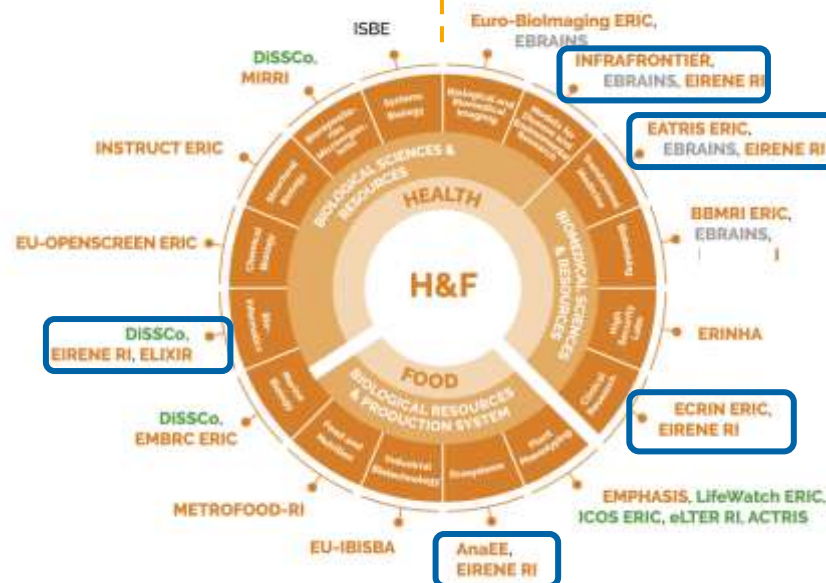
Mission

- Supports large-scale research for **interdisciplinary assessment of environmental determinants of health**
- Diet, indoor/outdoor environment factors, lifestyle, socioeconomics, ability to cope with stressors
- Aligned with Green Deal, Zero Pollution ambition, and multiple SDGs



Landscape of the Health & Food domain

ESFRI DOMAINS



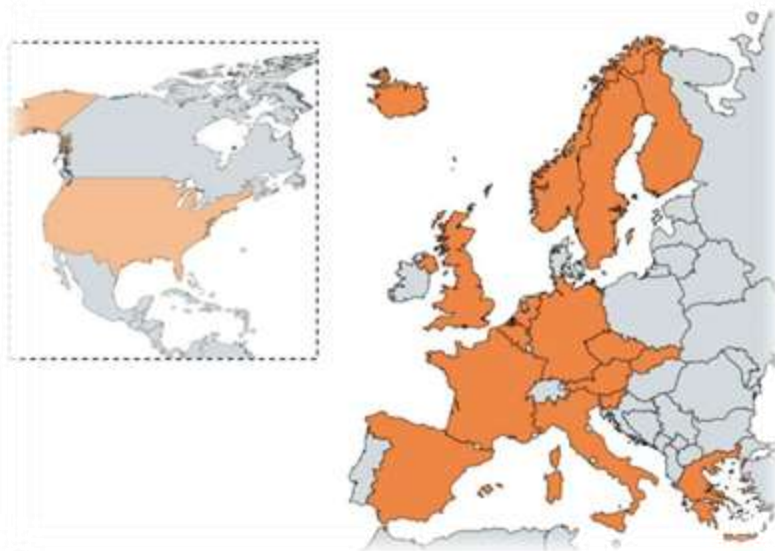
<https://roadmap2021.esfri.eu/landscape-analysis/section-1/health-food/the-hf-landscape-and-its-evolution/>





Research Infrastructure for
EnvIRonmental Exposure
assessment in Europe

- 21 national nodes, 50+ individual partners as associated entities
- Universities, research institutions, environmental agencies, public health institutes and NGOs
- Coordinator: **MUNI | RECETOX** 

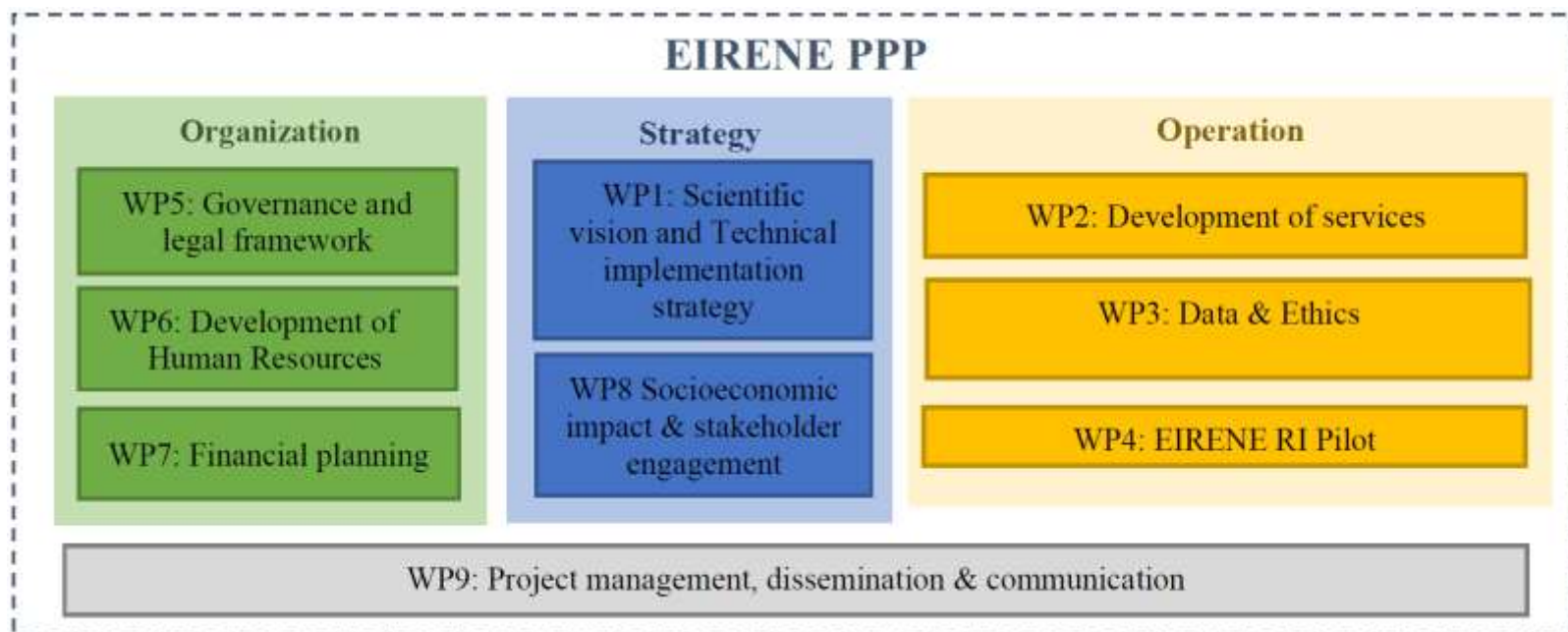


Member states



Source: PROPOSAL_101079789-EIRENE PPP-HORIZON-INFRA-2021-DEV-02-PART_B





Source: PROPOSAL_101079789-EIRENE PPP-HORIZON-INFRA-2021-DEV-02-PART_B

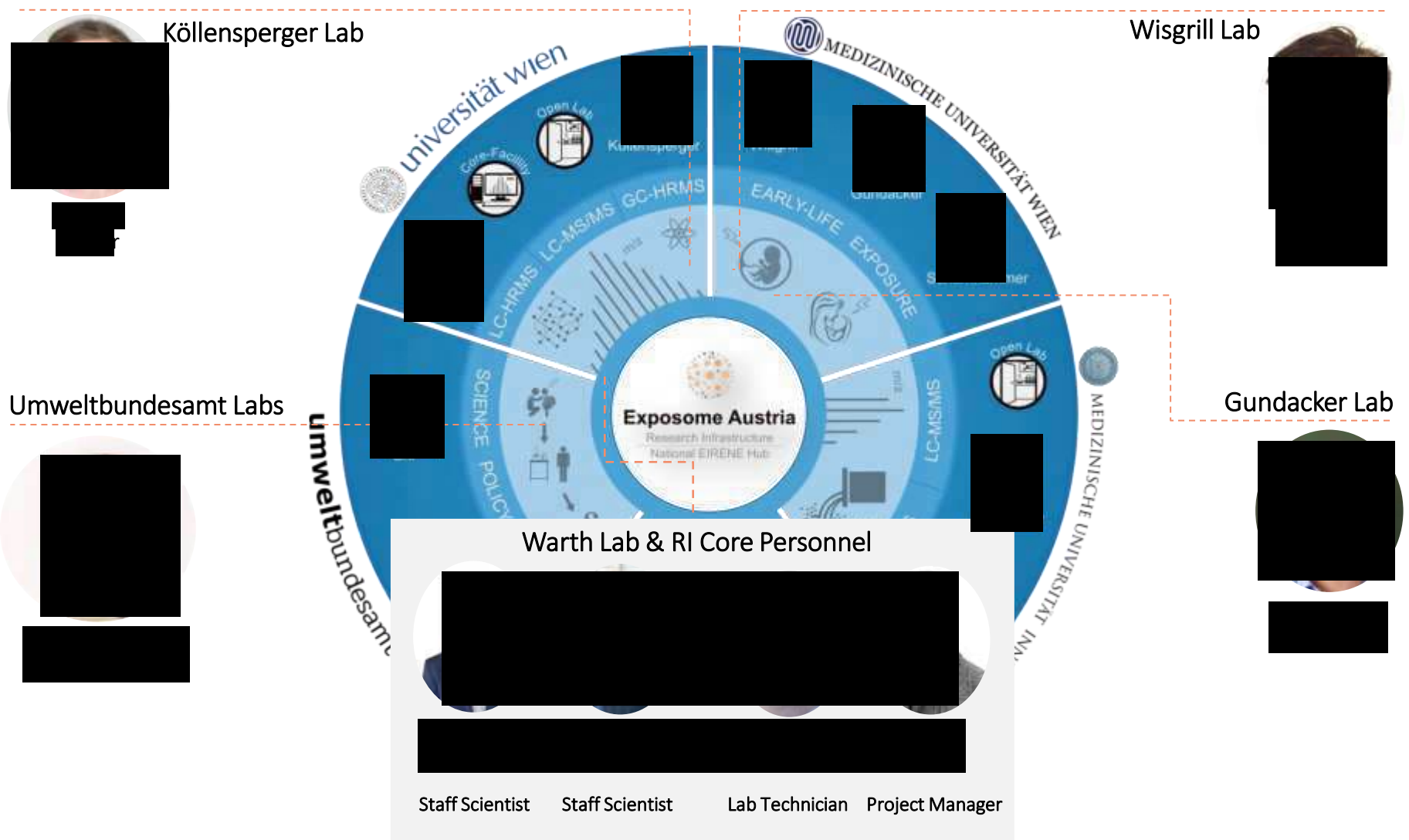




Exposome Austria

Research Infrastructure
National EIRENE Node





14:00 – 14:10 | Welcome by facilitator/rapporteur (Schernhammer)

14:10 – 15:20 | Progress report *Exposome Austria* (Warth)

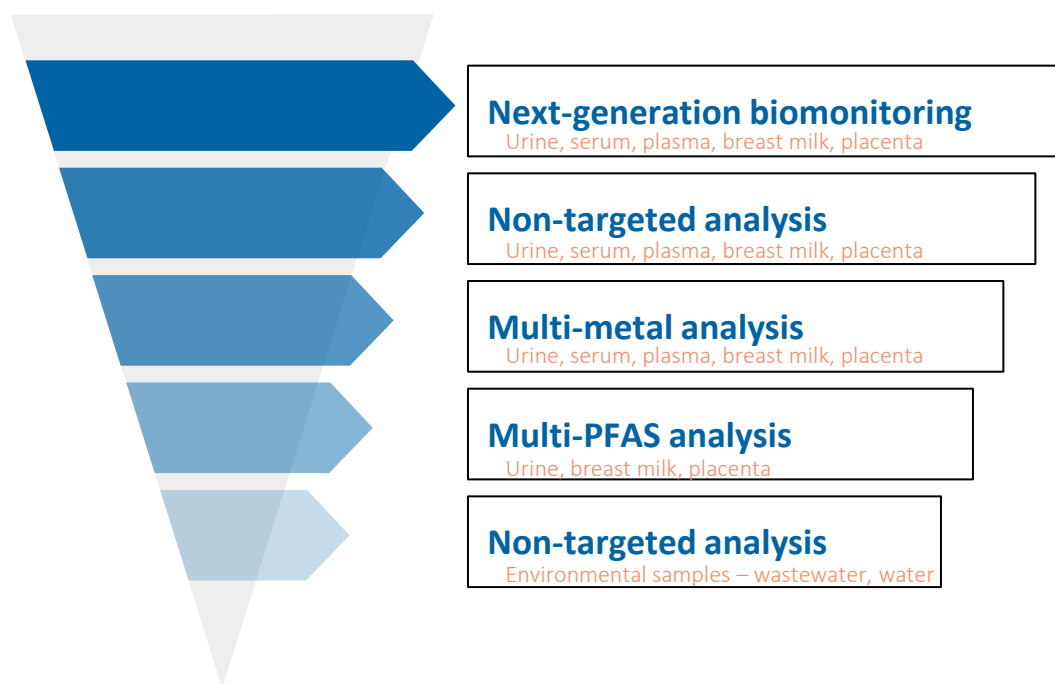
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Next-generation biomonitoring

Non-targeted analysis

Warth Lab



Multi-metal analysis

Urine, serum, plasma, breast milk, placenta

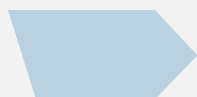
Köllensperger Lab



Multi-PFAS analysis

Urine, breast milk, placenta

Umweltbundesamt Labs



Non-targeted analysis

Environmental samples – wastewater, water

Umweltbundesamt Labs & MU Innsbruck: Oberacher Lab



Current Capacity



150-1000 samples/year per service

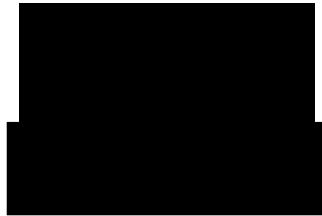
Technological Innovation & Scale-Up

Expanded HBM method (LC-MS/MS, >120 analytes)
High-throughput SPE sample preparation (96-well plate)
Combined targeted and non-targeted analysis (MRM-HR)
Streamline extraction for LC-MS and ICP-MS
Combined exposure and effect analysis
Streamline data analysis pipeline and data handling (DigiOmics)

Potential Future Services

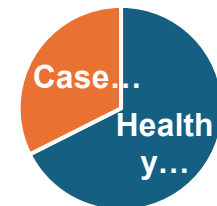
- > Access to pre-term biobank (MUW)
- > Toxicological testing (MUW)

The exposome and birth outcomes



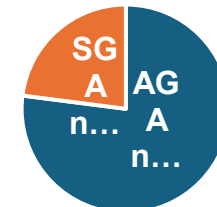
- Cross sectional study (74 participants)
- **Matched samples!**
 - Placenta, maternal- & cord blood
- Medical records
- Birth outcomes
- Food frequency data (fish consumption)
- Mercury concentrations

Pregnancy diseases



Cases: Preeclampsia (PE), preterm (PT)

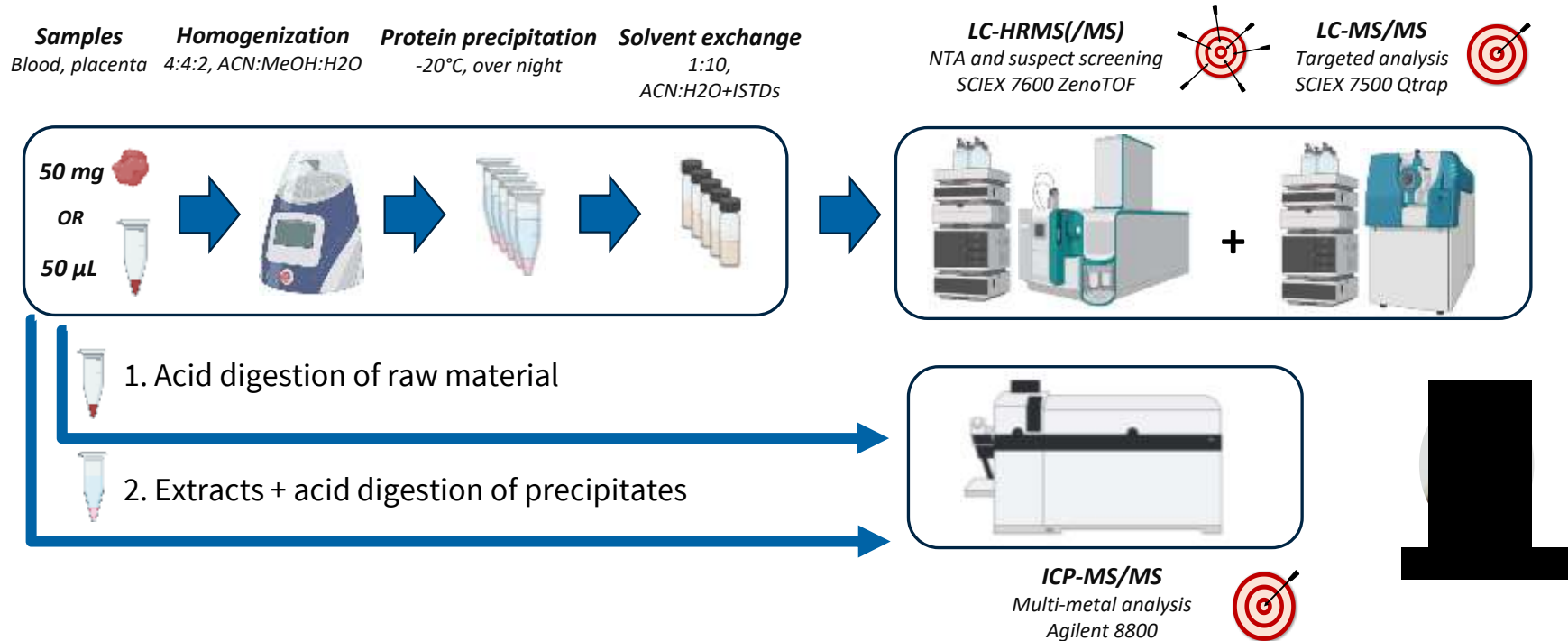
Birth outcomes



Small for gestational age (SGA) – <10th growth percentile

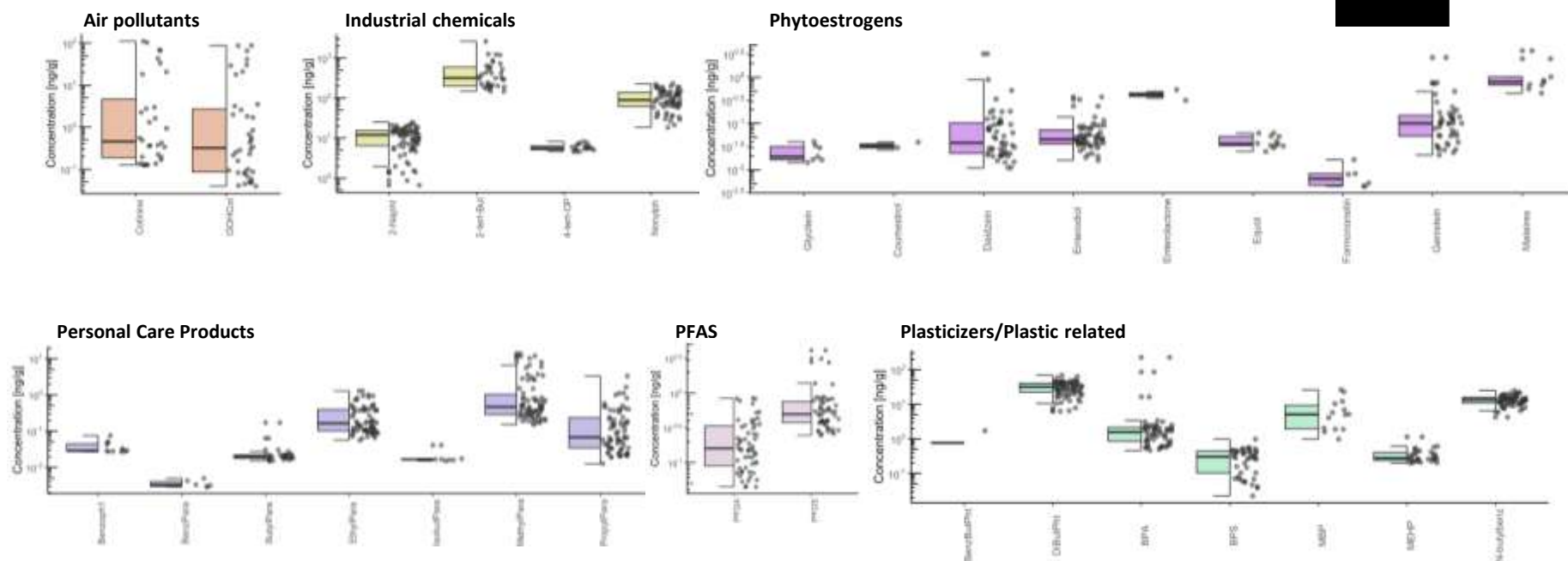


Combining exposomics and metallomics



Bräuer et al. 2025 (in preparation)

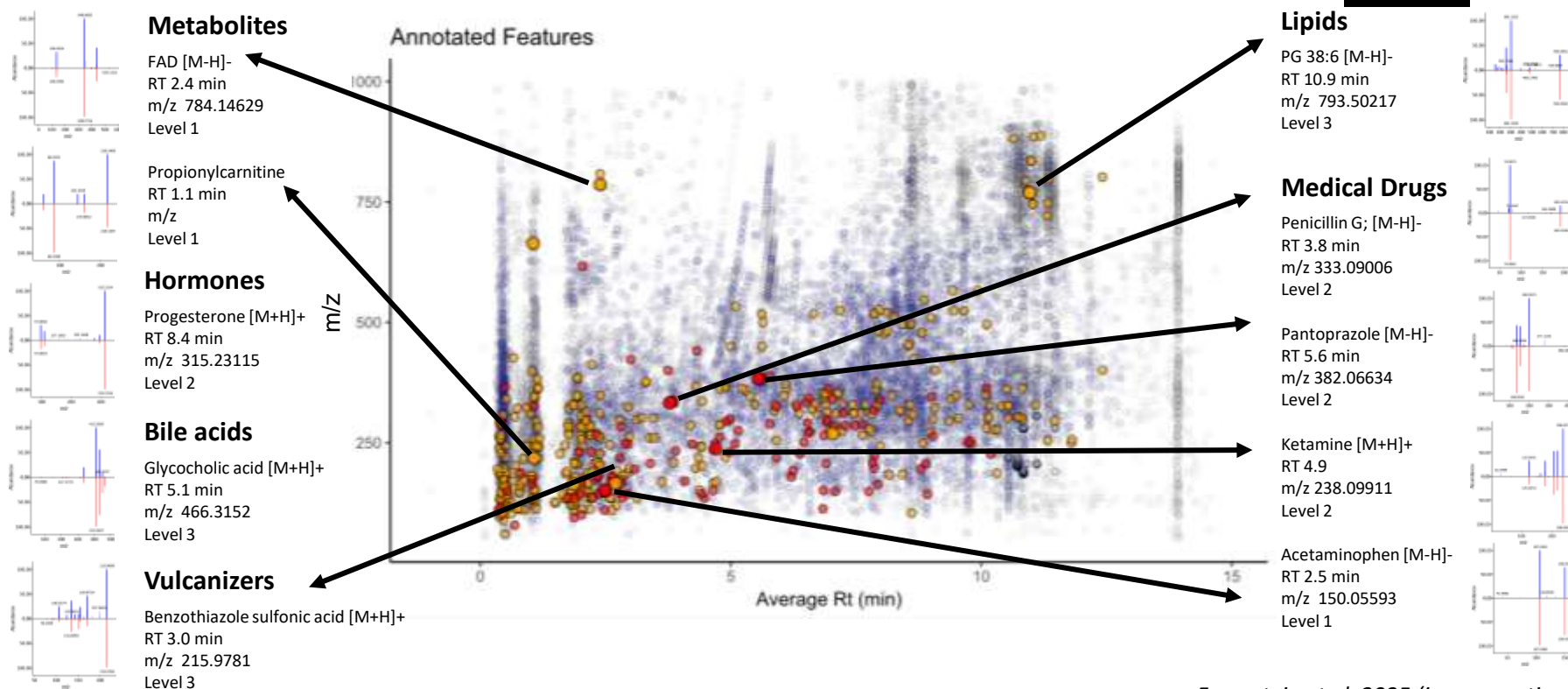
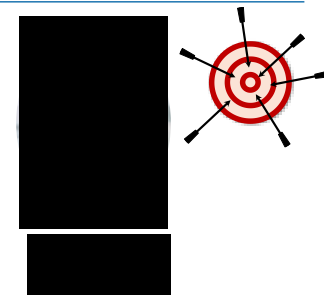
Xenobiotics in the human placenta – targeted exposomics



Feuerstein et al. 2025 (in preparation)



Xenobiotics in the human placenta – non-targeted analysis



Feuerstein et al. 2025 (in preparation)



Dried blood spots and the newborn screening programs

Screening of > 60 inherited errors of metabolism (MS/MS)



~ 30% of all newborns are screened globally

In Europe, 48 out of 51 countries have NBS programs

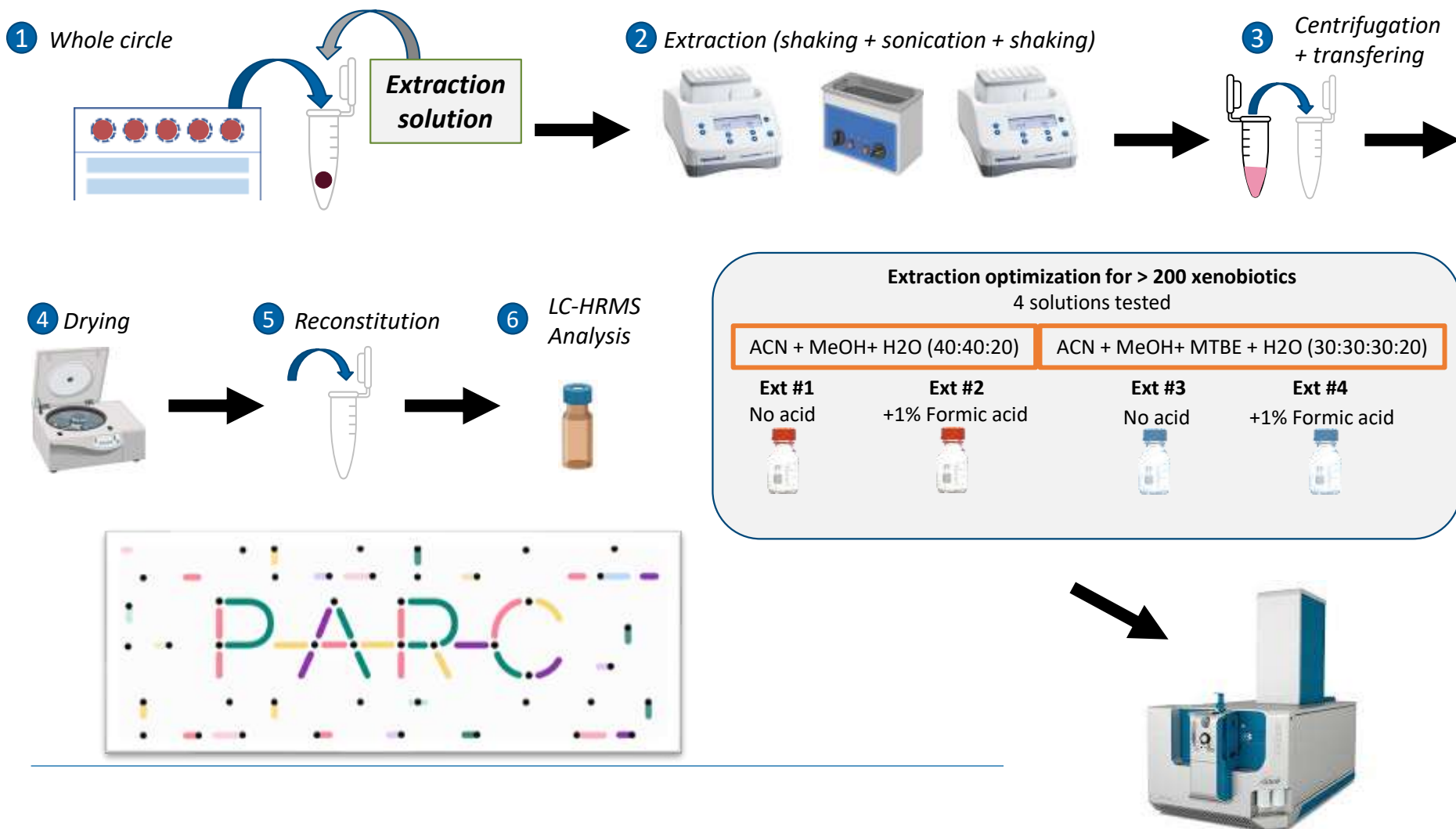
Austria: ~215 babies per day



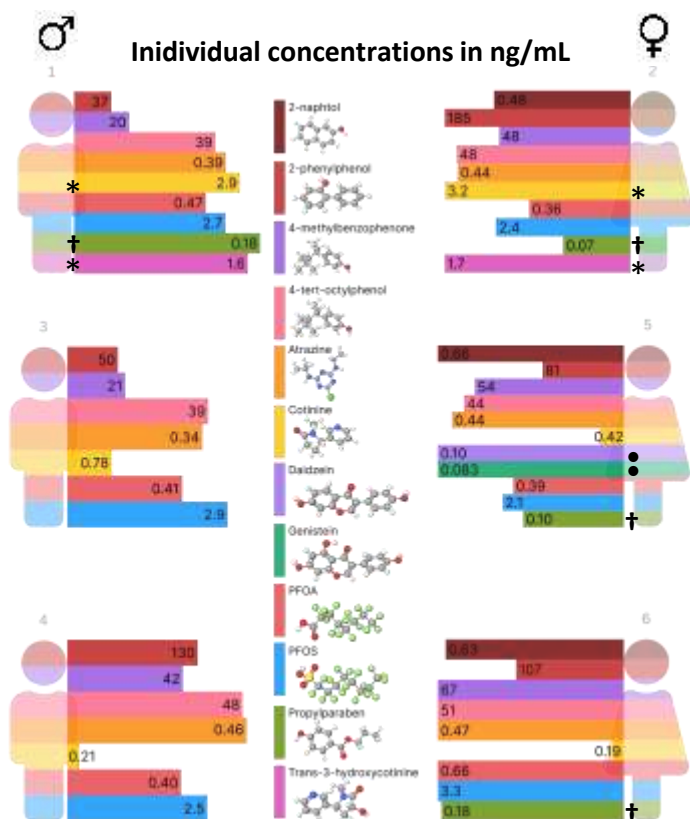
Parabens
Phthalates
PFAS
Bisphenols
Phytotoxins
Antibiotics
Pesticides
Air pollutants
...and more

Can residual dried blood spots be used for exposomics and environmental monitoring and precision prevention?

Method optimization summary



Proof-of-principle: targeted exposomics



Individual exposome

Cotinine trans-hydroxycotinine (*)



↑ Cotinine ✓ trans-3-hydroxycotinine



↓ Cotinine X trans-3-hydroxycotinine

Daidzein Genistein (•)



Detected



Not detected

Propylparaben



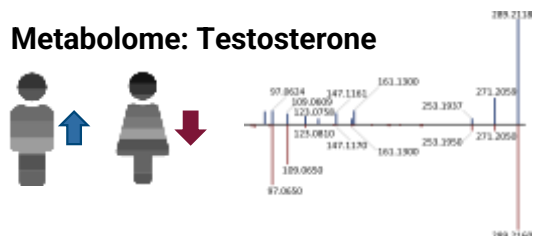
Detected
1 out of 3



Detected
3 out of 3

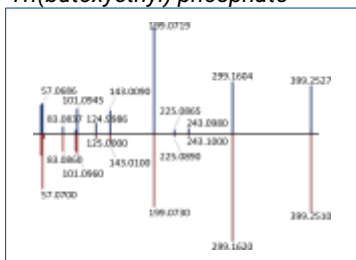
Proof-of-principle: Non-targeted analysis

Metabolome: Testosterone

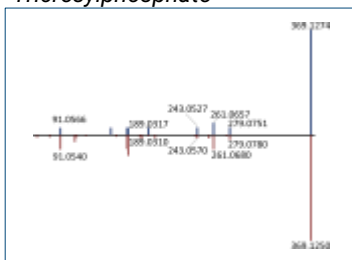


Exposome: Additional alkyl phosphates

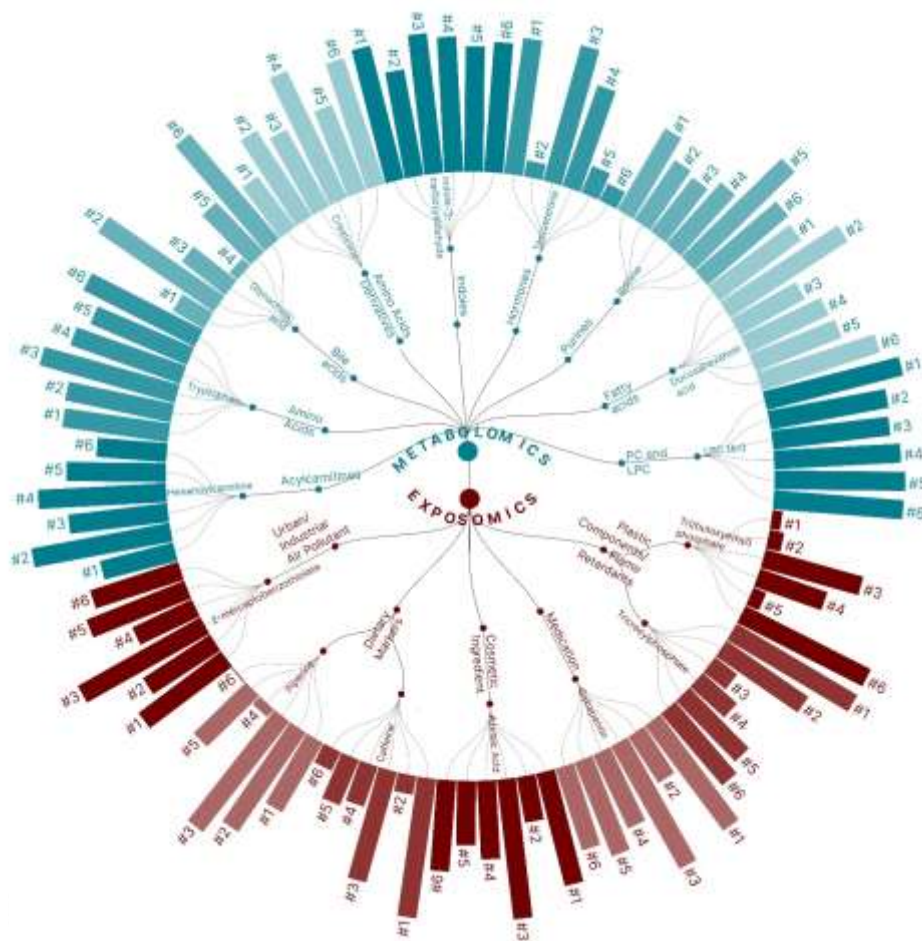
Tri(butoxyethyl) phosphate



Tricresylphosphate



~200 additional compounds

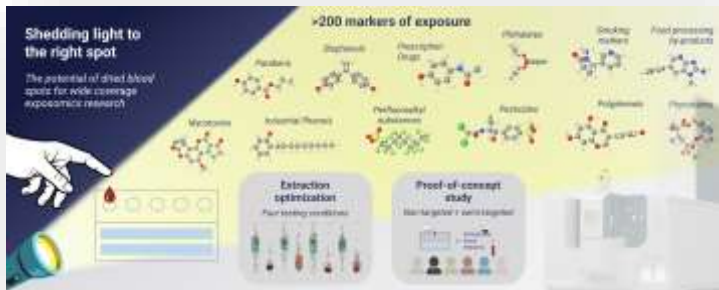


Outlook: Pilot study approved

medRxiv
THE PREPRINT SERVER FOR HEALTH SCIENCES

Dried blood spots analysis for targeted and non-targeted exposomics

👤 Vinicius Verri Hernandes, 👤 Maximilian Zeyda,
👤 Lukas Wisgrill, 👤 Benedikt Warth



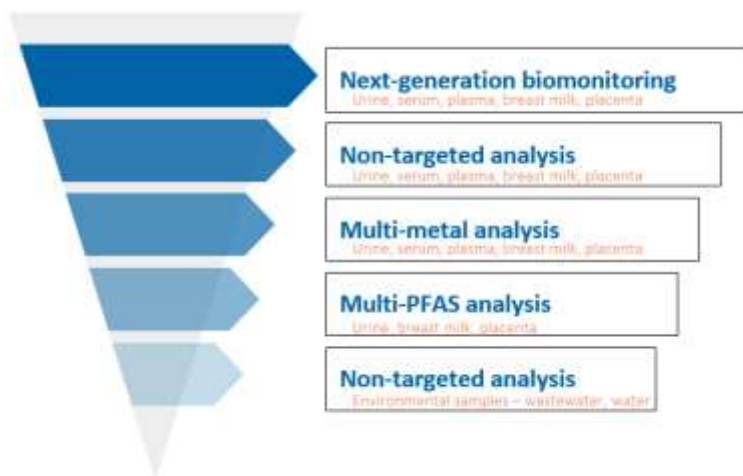
Analysis of 750 DBS samples
from different regions in Austria
Ethics Committee approved



Division of Neonatology,
Department of Pediatrics
and Adolescent
Medicine

Newborn Screening
Technical Laboratory
Management

Current service portfolio



Examples of users and services applied

	User	Service	Project
	Technical University Munich	Targeted & non-targeted exposomics	ENABLE study (plasma, stool)
	Charité Berlin	Targeted exposomics	Early-life chemical exposome research project (urine)
	La Fe (Valencia)	Targeted exposomics	Influence of Maternal Diet and Lifestyle on the Human Milk Exposome in the Context of Prematurity (breast milk)
	University Augsburg	Targeted exposomics	Long-Covid Patient Pilot Study (urine, plasma)
	CeMESS University Vienna	Targeted & non-targeted exposomics	NeoGIBA Research Group (FWF funded; stool, plasma, breast milk)

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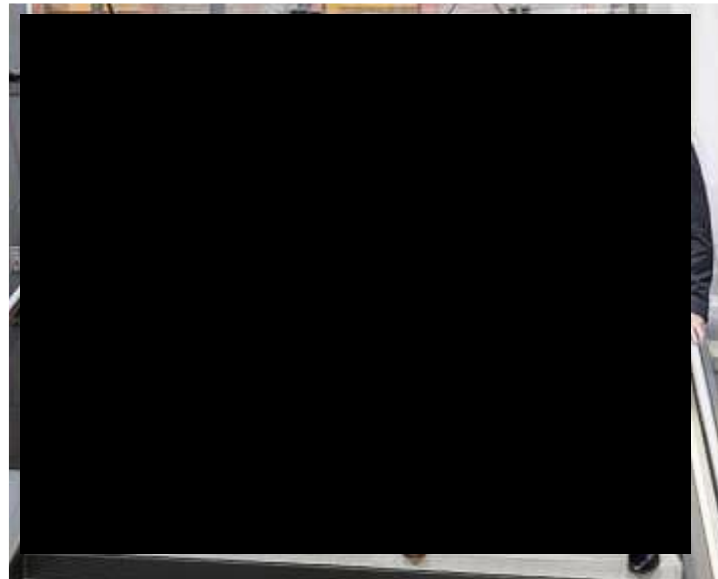
Concise summary of recommendations discussed during the 3rd Meeting of the Scientific and Strategic Advisory Board (SSAB)

1. **Maintain contact with your institutions, engage with their leadership** and spread visibility and clear understanding of what our RI provides to the national and European stakeholders.
2. **Invite a high-level representative** from the **Ministry of Health** as an additional **member** to the SSAB. Ultimately, it is a key objective to produce impact in the health domain by enabling public prevention and the time seems ripe to involve them.
3. **Further develop and tailor the KPIs to the Exposome Austria needs**, ESFRI guidelines are flexible. Consider additional KPIs like number of samples, number of submitted/accepted projects, indicate number of citations as quality measure. **Perform interim evaluation every two years** (next 05/2025), later in longer intervals.
4. **Align and collaborate with international initiatives**, especially for the birth cohort, e.g. IHEN or US exposome network at the NIH should be closely followed. Continue teaming up with other ESFRI RIs at the national level. Consider a **broader dimension of university cooperation** in the mid- and long-term (ERASMUS joint program style).
5. **Define potential future RI users**: what are their needs and how can EA help them and contribute to the community? Expand communication channels.
6. Further develop a strategy on how **new practical courses and seminars** can be **offered to ECRs** of other faculties and institutions
7. **Make Exposome Austria Retreat 2025 an open event** to reach every possible corner of the exposome community, e.g. pharma, health, agriculture, food and environment. Consider joint events with national RIs (e.g. ELIXIR.at, BBMRI.at).

How the SSAB recommendations from May 2024 are being put into practice ...

1. **Maintain contact with your institutions, engage with their leadership** and spread visibility and clear understanding of what our RI provides to the national and European stakeholders.

November 2024: Meeting with the Rector of the University of Vienna





Mitteilung

Studienjahr 2024/2025 - Ausgegeben am 11.12.2024 - Nummer 37

Sämtliche Funktionsbezeichnungen sind geschlechtsneutral zu verstehen.

Sonstige Informationen

37 Leistungsvereinbarung zwischen der Universität Wien und dem Bund für 2025–2027

5	Strategischer Schwerpunkt „Systems of Life“/„Global Health“: Weitere Beteiligung an Exposome Austria/EIRENE (siehe EP-Kapitel 3.7 und GUEP Systemziel 6b)	Weitere Beteiligung an der europäischen RI EIRENE (Research Infrastructure for Environmental Exposure Assessment in Europe) und Koordinierung des österreichischen Konsortiums „Exposome Austria“ (national node von EIRENE) im Rahmen der strategischen Schwerpunktee „Systems of Life – Grundlagen des Lebens“ und „Global Health“.	2025-27: Weitere Beteiligung an EIRENE RI und Koordinierung von Exposome Austria (national node) 2026, 4. BG: Bericht über die Aktivitäten von Exposome Austria/EIRENE
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 Federal Ministry
Women, Science
and Research
Republic of Austria

https://mtbl.univie.ac.at/storage/media/mtbl02/2024_2025/2024_2025_37.pdf



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Implementing SSAB Recommendations (3)

KPIs

Evaluation Focus		Proposed KPIs*	Time Period 05/2022-04/2025
	Enabling scientific excellence	(1) Number of user requests for access	29
		(2) Number of users served	20
		(3) Number of samples measured	1856
		(4) Number of publications	23
		(5) Percentage of publications in Q1 journals	>80%
	Delivery of education and training	(6) Number of master, PhD students, postdocs using the RI and training of users who are not RI staff	21
	Enhancing national & international collaboration	(7) Number of joint publications and grant applications from different research group	8 joint publications 10 grant applications
€	Optimising management	(8) Revenues acquired via third-party funding	851k €

*) Evaluation criteria adopted according to the ESFRI guidelines, based on the ESFRI Working Group Report, *Monitoring of Research Infrastructures Performance*

Enabling Management Skills in Research Infrastructure



EXECUTIVE MASTERS IN MANAGEMENT OF RESEARCH INFRASTRUCTURES

Develop your skills for leading Research Infrastructures with global impact.

Module – Governance and Organisation | Open Programme

Module – Strategic Management of Research Infrastructures | Open Programme

Module – Financial Management I | Open Programme

Module – Developing a Sustainable Funding Model for RI | Open Programme

Module – Financial Management II | Open Programme

Module – Service Provision | Open Programme

Module – Leadership | Open Programme

Module – Raising awareness | Open Programme

Module – International Law & Compliance | Open Programme

Module – Resource Management | Open Programme

Module – Business Innovation | Open Programme



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Oct. 2024: NIEHS meets EA at the Univ. Vienna



EA attends EIRENE-IHEN Joint meeting in Utrecht



EXP SOME MOONSHOT FORUM

TOWARD WHOLE HUMAN HEALTH

MAY 12 - 15, 2025
WASHINGTON, D.C.

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Exposome Austria
Symposium & Open Stakeholder Day 2025

Mark your calendar for September 23, 2025!

Exposome Austria invites to its "Symposium & Open Stakeholder Day" bringing together researchers, medical experts, and policy makers dedicated in their work to the intersection of **human health, environment and chemistry**.

Be part of this dialogue driving the global shift from traditional medicine to more proactive, personalized and preventive healthcare. Do not miss this transformative event. Learn what services the Exposome/EIRENE Austria ESFR Research Infrastructure can offer.

Have your say in what will be needed in the future!

Implementing SSAB Recommendations (5+7)

Exposome Austria Days 2025 | Horn (Lower Austria), Sept 22-24 | Program

Exposome Austria Retreat			Symposium & Open Stakeholder Day				Exposome Austria Retreat		
	Day 1 Monday, September 22	Speaker/Moderator		Day 2 Tuesday, September 23	Speaker/Moderator	Institution		Day 3 Wednesday, September 24	Speaker/Moderator
11:00 - 12:00	Check-In & Registration		07:45 - 09:00	 Shuttle Vienna - Horn (NÖ)			08:00 - 09:00	Breakfast	
			08:45 - 09:20	Welcome Coffee			09:00 - 10:00	Workshop 2: SCIE X Software & EAD	Antonella Chiapparino
			09:20 - 09:40	Plenary session	Opening	Manuela Baccarini Ministry of Science Representative		Workshop 3: Science Communication	Marlene Nowotny
			09:40 - 10:10		Introduction of Exposome Austria	Benedikt Warth National Exposome Austria Coordinator, University of Vienna			
			10:10 - 10:50		Keynote	Oana Zeleznik Harvard Medical School	10:10 - 11:40	Brainstorming new projects involving ECRs and Exposome Austria PIs	Simone Bräuer, Vinicius V. Hernandez, Max L. Feuerstein
			10:50 - 11:20	Coffee Break (Poster Session & Booth)			11:40 - 12:00	Final Discussion: Potential new service needs	all PIs
			11:20 - 11:35	Service & pilots session	Dried blood spot (DBS) exposomics	Vinicius V. Hernandez University of Vienna	12:00 - 12:15	Closing Statements	all PIs
12:00 - 13:00	Welcome Lunch		11:35 - 11:50		Streamlining targeted exposomics for Exposome Austria services	Max L. Feuerstein University of Vienna	12:30 - 14:00	Forewell Lunch & Departure	
			11:50 - 12:05		Metalomics, metabolomics and exposomics during pregnancy	Simone Bräuer & Sebastian Granitzer University of Vienna & Medical University of Vienna			
13:00 - 13:30	Opening & EA Introduction	Benedikt Warth	12:05 - 12:20	Service & pilots session	Non-target and suspect screening for PFAS chemicals in the environment	Jacqueline Meng-Reiterer Environment Agency Austria			
13:30 - 14:30	Update from EA Consortium Members: Presenting groups & research (6+2 min)	Gunda Köllensperger	12:20 - 12:35		Longitudinal exposure profiling in urine from US nurses	Thomas Jamnik University of Vienna			
		Lukas Wisgrill	12:35 - 13:30	Lunch					
		Eva Schernhammer	13:30 - 13:40	User reports & new vendor technology	Plasticizers in blood bags	Michael Eigenschink Medical University of Vienna			
		Claudia Gundacker	13:40 - 13:50		Innovative adsorbents for PFAS capture	Robert Woodward University of Vienna			
		Herbert Oberacher	13:50 - 14:00		Breast cancer exposomics in the ORDET cohort	Giulia Guerra & Della Castilla-Fernández IRCCS Istit. Nazionale dei Tumori & University of Vienna			
14:30 - 15:00	Coffee Break (Poster Session)	Maria Uhl	14:00 - 14:20		SCIE X & New Vendor Technology	Jean-Baptiste Vincendet Sciex Ltd., France			
			14:20 - 14:30		PARC and Austrian HBM-Platform: Overview and link to EIRENE	Maria Uhl Environment Agency Austria			
15:00 - 16:30	Workshop 1: Successful Grant Writing for ECRs Strategic PI Meeting	FFG / FWF / WWTF	14:30 - 15:00	Coffee Break (Poster Session)					
		all PIs	15:00 - 16:00	Panel discussion	Science2Policy and the role of ESFRI-Research Infrastructure in the Austrian FTI landscape	TBD Moderation: Marlene Nowotny			
17:00 - 19:00	Outdoor Activities		16:45-20:00	Networking Event (Wine Tasting)					
19:00 - 20:00	Dinner		20:00 - 21:00	 Shuttle Horn (NÖ) - Vienna					



Implementing SSAB Recommendations (5+7)

Symposium & Open Stakeholder Day				
	Day 2 Tuesday, September 23		Speaker/Moderator	Institution
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08:45 - 09:20	Welcome Coffee			
09:20 - 09:40	Plenary session	Opening	Manuela Baccarini Ministry of Science Representative	Vicerektor University of Vienna BMFWF
09:40 - 10:10		Introduction of Exposome Austria	Benedikt Warth	National Exposome Austria Coordinator, University of Vienna
10:10 - 10:50		Keynote	Oana Zeleznik	Harvard Medical School
10:50 - 11:20	Coffee Break (Poster Session & Booth)			
11:20 - 11:35	Services & pilots session	Dried blood spot (DBS) exposomics	Vinicius V. Hernandez	University of Vienna
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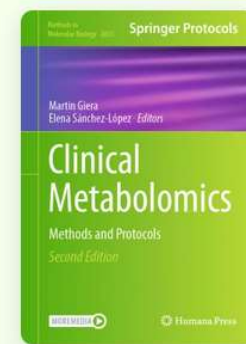
6. Further develop a strategy on how **new practical courses and seminars** can be **offered to ECRs** of other faculties and institutions

[Home](#) > [Clinical Metabolomics](#) > Protocol

Modular, Scalable, and Customizable LC-HRMS for Exposomics

Protocol | First Online: 02 October 2024

pp 41–66 | [Cite this protocol](#)



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EIRENE Regular Meetings



Stockholm

September 16-17, 2024



Management Board

Utrecht

October 14-17, 2024



Management Board
EIRENE PPP Annual Consortium
EIRENE-IHEN Joint meeting

Brno

April 1-2, 2025



Management Board
ESFRI week

Prague

June 2025



Final EIRENE PPP Consortium



EIRENE Implementation Phase

HORIZON-INFRA-2025-01-**DEV**-02

- › **1-1.5 M€** (“closed call”)
- › Main objective: **Develop the RI framework** outlined in the preparatory phase (2022-25)
- › Key requirements: scientific excellence, pan European relevance, socio-economic impact...
- › Proposals should address most critical issues that prevent entering ESFRI Projects into the implem. phase
 - Member states’ formal commitment
 - ESFRI application



SIRENE 2.0

HORIZON-INFRA-2025-01-**SERV**-02

- › **max. 10 M€** (most goes to services)
- › Main objective: **Service provision** enabling R&I addressing main challenges and EU priorities related to the health domain
- › Expected outcome (for all): provide RI services to enhance society’s capacity and evidence-based policy making related to the health domain
- › Expected outcome (for RI services):
 - Enable research linking environmental factors to human health.
 - Better risk assessment tools and evidence to inform policy makers and public health bodies
 - Wider access to specialized RI services to enhance the competitiveness of the European industry



Strategic goals for implementation = WPs

EIRENE Strategic goals

1. Driving the scientific excellence and innovation in environmental health research / exposome research
2. Substantiate stakeholder's commitments and confirm viable economic, operational and technical model of EIRENE
3. Establish the legal structure, implement effective governance and managerial model and employ key staff
4. Implement data infrastructure and models for effective data management
5. Development, engagement and training of the EIRENE community
6. Delivering the value for European citizens and enhancing the recognition of EIRENE

EIRENE Implementation project WPs

1. Driving the scientific excellence and innovation in environmental health research
2. Delivering Stakeholder's commitment and developing viable economic, operational and technical model
3. Establishment of legal structure, effective governance and managerial model of future ERIC
4. Development of data infrastructure and models for effective data management
5. Development, engagement and training of the EIRENE community
6. Proving the value of EIRENE and enhancing the recognition of EIRENE

Source: This slide was adapted from the presentation "Extended Management Board Meeting" shown during the Brno | Online meeting, April 1-2, 2025

14:00 – 14:10 | Welcome by facilitator/rapporteur (Schernhammer)

14:10 – 15:20 | Progress report *Exposome Austria* (Warth)

- Background: EIRENE & Exposome Austria
- Enabling Science: services, pilot studies & use cases
- SSAB 2024: Implementing recommendations
- European ESFRI Developments
- **Finances**
- Education, Training & Community Building

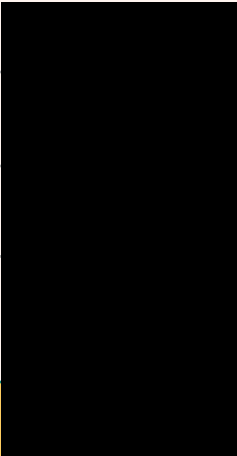
15:20 – 15:40 | Break

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16:50 – 17:00 | Next steps

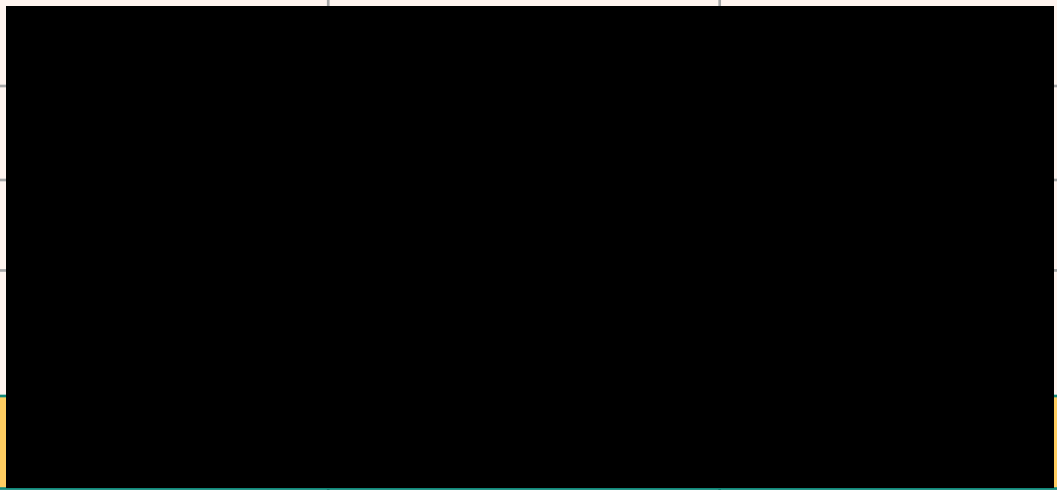
Total Investments: Proposal 2020 vs. Reality vs. Future

Exposome Austria Member Institution		 Estimation Proposal 2020
	University of Vienna	
	Med. U. of Vienna	
	Med. U. of Innsbruck	
	Environment Agency Austria	
TOTAL (Overall Costs)		

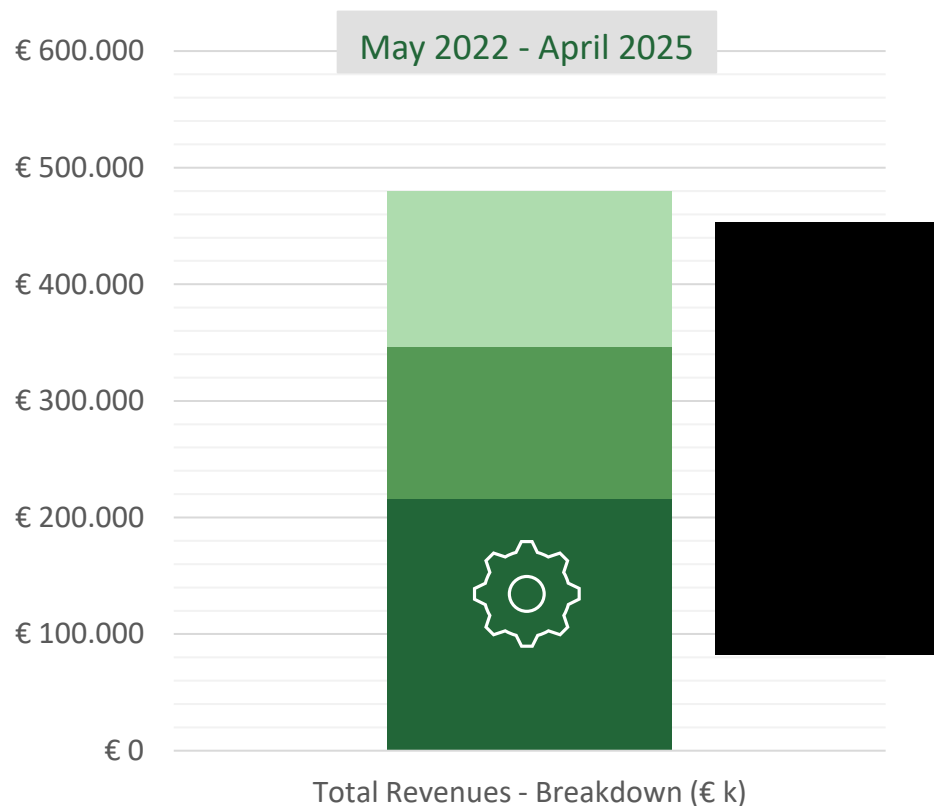
Total Investments: Proposal 2020 vs. Reality vs. Future

Exposome Austria Member Institution		 Estimation Proposal 2020	 Reality PPP (2022-2025)
	University of Vienna	[REDACTED]	[REDACTED]
	Med. U. of Vienna	[REDACTED]	[REDACTED]
	Med. U. of Innsbruck	[REDACTED]	[REDACTED]
	Environment Agency Austria	[REDACTED]	[REDACTED]
TOTAL (Overall Costs)		[REDACTED]	[REDACTED]

Total Investments: Proposal 2020 vs. Reality vs. Future

Exposome Austria Member Institution		 Estimation Proposal 2020	 Reality PPP (2022-2025)	 Expected IMP (2026-2030)
	University of Vienna			
	Med. U. of Vienna			
	Med. U. of Innsbruck			
	Environment Agency Austria			
TOTAL (Overall Costs)				

Own Revenues (Collected User Fees) - Past 36 Months

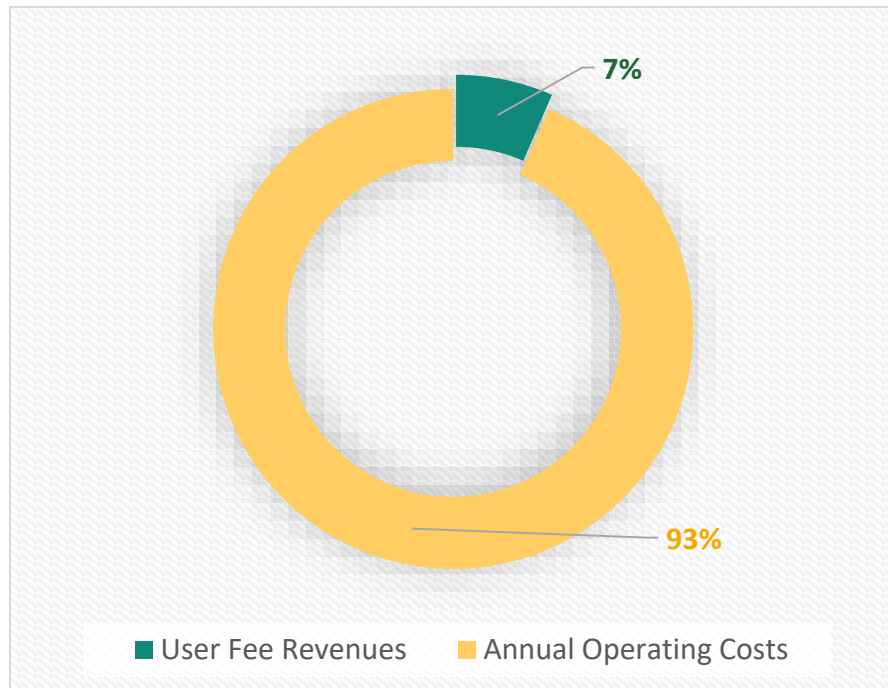


Funding Pillars

Internal	institutional support (for Austria Research)	€ 1.1 k	€ 100 k
External	third-party projects	€ 200 k	€ 300 k
Own Revenues	user fees (revenue)	€ 111 k	€ 131 k
	Forgotten to efforts Payment & Transported Effect & Paid	€ 215 k	

Over €200k in user fee revenues has been collected in 36 months since EA was established, with another €300k in the pipeline.

Annual Revenues vs. Average Operating Costs



- › Exposome Austria RI so far generates on avg. € 70,000 annually from user fees
- › This covers **~7% of the total annual operating costs (~€1M)**
- › The goal is to keep reducing reliance on external funding by increasing collected revenue through catering more users with services by scaling-up existing capacities

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Open (New) Courses: Year 2



> Practical Course in Food Toxicology



> 12 students



> July 2024, February 2025



> Faculty of Chemistry, Univ. of Vienna

270045 PR Practical Course in Food Toxicology (2024S)

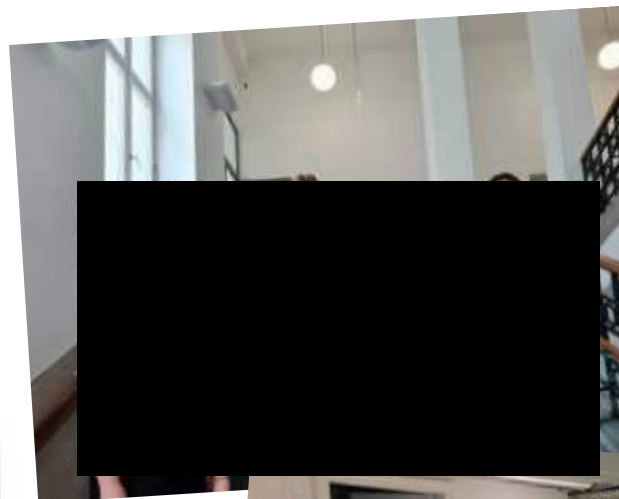
ExposomicsFocus

5.00 ECTS (5.00 ECTS), SPL 27 - Chemie
Continuous assessment of course work

[Moodle](#)

Details

max. 6 participants
Language: English

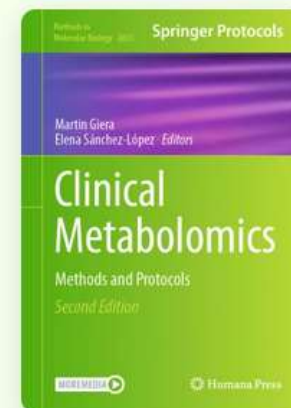


[Home](#) > [Clinical Metabolomics](#) > Protocol

Modular, Scalable, and Customizable LC-HRMS for Exposomics

Protocol | First Online: 02 October 2024

pp 41–66 | [Cite this protocol](#)



Open (New) Courses: Year 2

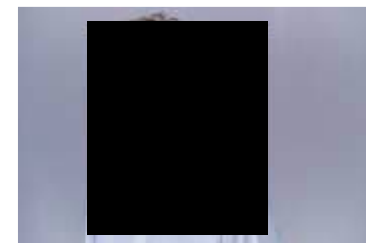


 > Mass spectrometric applications in food chemistry and exposome research

 > 8 students

 > March 2025

 > Faculty of Chemistry, Univ. of Vienna



270123 SE Mass spectrometric applications in food chemistry and exposome research (2024S)

2.00 ECTS (1.00 SWS), SPL 27 - Chemie

Continuous assessment of course work

Moodle  We 13.03. 10:00-13:00  Hörsaal 4 Chemie HP Währinger Straße 42

Details

max. 8 participants

Language: English

Lecturers

- Benedikt Warth

Classes (iCal) - next class is marked with N

Block in March

N Wednesday	13.03.	10:00 - 13:00	Hörsaal 4 Chemie HP Währinger Straße 42
Monday	18.03.	13:00 - 17:00	Seminarraum 4 Institut Physikalische Chemie HP Währinger Straße 42
Tuesday	19.03.	13:00 - 17:00	Seminarraum 1 Analytische Chemie 2.OG Boltzmannngasse 1
Friday	22.03.	13:00 - 17:00	Seminarraum 1 Analytische Chemie 2.OG Boltzmannngasse 1



Incoming PhD Students 2024-2025

- (1) The University of Western Australia, Australia
- (2) Technische Universität München, Germany
- (3) University of Jaén, Spain
- (4) IRCCS Foundation, National Tumour Institute, Italy



> **Berlucchi Foundation Young Researcher Mobility Programme**



> Giulia Guerra from the IRCCS Foundation, National Tumour Institute, Milano



> October 2024 – February 2025



> *Faculty of Chemistry, Univ. of Vienna*

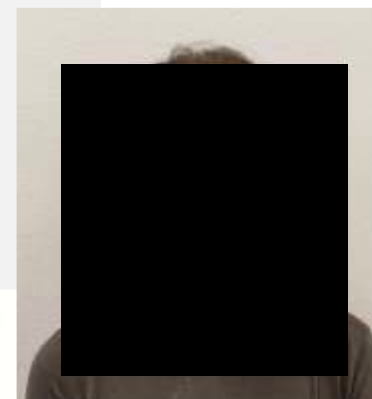


Fondazione IRCCS
Istituto Nazionale dei Tumori

Sistema Socio Sanitario

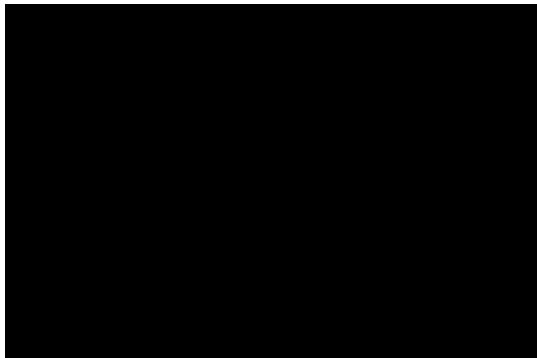


Regione
Lombardia



- GZ4 MEETING | 5 MAI 2025 | WIEN

Austrian Cohort Initiative (ATCI)



Igy



„AUSTRIAN COHORT INITIATIVE“

Hintergrund:

- in AT etliche Biobanking / Kohorten Aktivitäten (fragmentiert; glz. viel Expertise)
- in AT keine „nationale Kohorte“ für Monitoring der Gesundheitssituation
- Bedarf: qualitätskontrollierte Daten (Kohorten/Biobanken) für Entscheidungsträger/Steuerung

Ziel:

- Entwicklung einer österreichischen Kohorten Strategie zur Synergieeffektnutzung und Harmonisierung

Treffen:

- ✓ Idee & Vorstellung in engerem Kreis (2022)
- ✓ Austrian Cohort Research Days – weitere Kohorten (2023)
- ✓ Antrag Projektförderung (2024)



- Environmental
- Exposome
- Epigenetics
- Epidemiology
- Lung/heart health
- Children (premature babies/newborn)
- Nutrition
- Biobanking / Medicine



The screenshot shows the website of the Umweltbundesamt (Federal Environment Agency of Austria). The header includes the logo, a 40th anniversary seal, and navigation links for Services, News & Reports, and About us. A language selector shows 'de' and 'en'. The main content area features a news article titled "Human biomonitoring in Austria" dated Vienna, 18 February 2025. The article text states: "The third report of the Human Biomonitoring platform presents progress, findings and activities of health-related environmental monitoring." A "CONTACT" link is visible next to the article title. A large black redaction box covers part of the page.



The screenshot shows the website of the Parliament of Austria (Parlament Österreich). The header includes the logo, a search bar, and navigation links for EN, a play button, a question mark, and a user icon. A dropdown menu shows "Zielgruppe". The main content area features a document titled "Human Biomonitoring" (1539 d.B.). The document is categorized under "Ausschussbericht" (Committee Report). The text of the report is: "Bericht des Umweltausschusses über den Antrag 2041/A(E) der Abgeordneten Ulrike Weigerstorfer, Kolleginnen und Kollegen betreffend 'Human Biomonitoring'". A "Themen" (Topics) section lists "Gesundheit und Ernährung" (Health and Nutrition) and "Klima, Umwelt und Energie" (Climate, Environment and Energy). A large black redaction box covers part of the page.

Newsletter

- Two new editions of EA newsletter released (June and December 2024)
- 217 subscribers



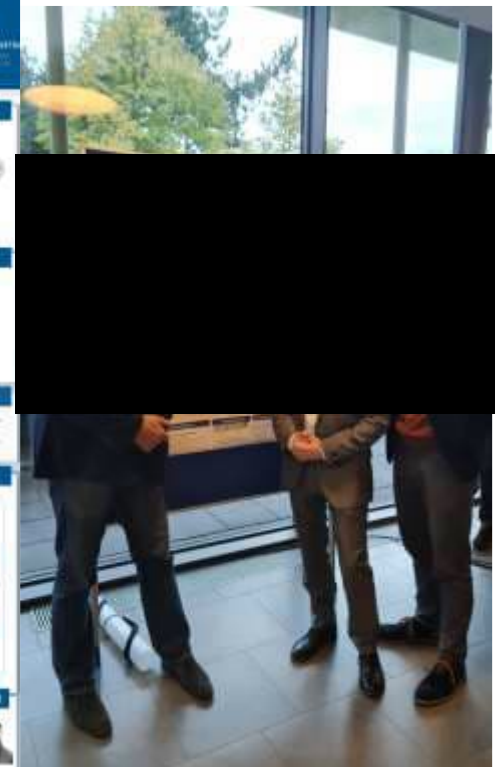
EIRENE RI

Highlights
December 2024

- Save-the-Date: Open Day 2025
- Cutting-edge research enabled by the ESFRI
- Exposome Austria engages
- New training offering
- Recent publications

Poster

- Presenting EA poster at ERA Conference in Vienna (Nov 2024)
- Captured interest of former ESFRI Chairman Jan Hrušák



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- 1 Are the proposed KPIs **feasible indicators** for Exposome Austria in practice?
- 2 Specific recommendations whom to additionally invite to the '**Open Stakeholder Day**' in September 2025?
- 3 Should the University of Vienna aim to host a central **EIRENE-ERIC** facility for '**Innovative Exposomics Technology**' – what would be the financial implications?
- 4 General impression on the overall development during the preparatory phase and future outlook



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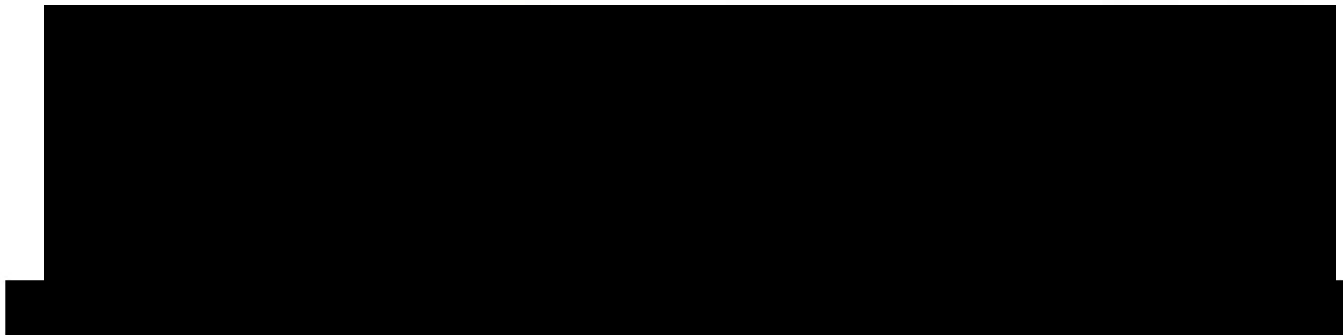
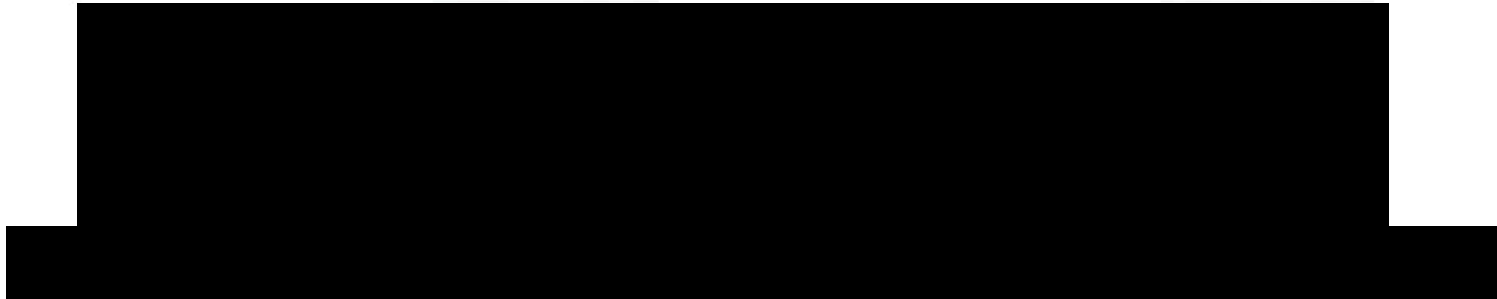
16:50 – 17:00 | Next steps

... next steps



1. Interim evaluation - report to be circulated and signed (June 2025)
2. SSAB protocol (June 2025)
3. Further establishment of key services and practical work on national pilots
4. Initiate Open-Access module for Austrian SMEs
5. Exposome Austria retreat/open stakeholder day (Sept 2025)
6. Next SSAB meeting (hybrid): Wednesday, **May 27th, 2026** (2 – 5 pm)

Acknowledgements



Acknowledgements



Federal Ministry
Republic of Austria
Education, Science
and Research

Federal Ministry
Republic of Austria
Climate Action, Environment,
Energy, Mobility,
Innovation and Technology

Federal Ministry
Labour, Social Affairs, Health,
Care and Consumer Protection
Republic of Austria



MEDIZINISCHE
UNIVERSITÄT WIEN

MEDIZINISCHE
UNIVERSITÄT
INNSBRUCK



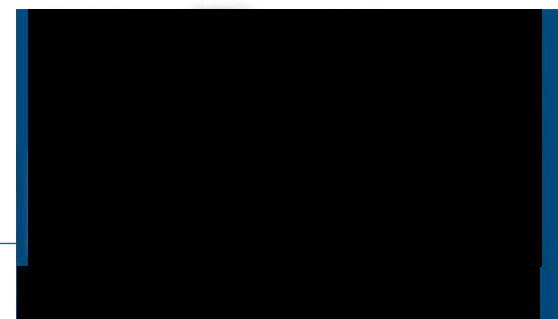
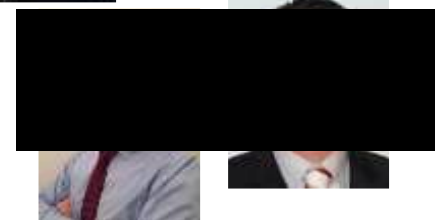
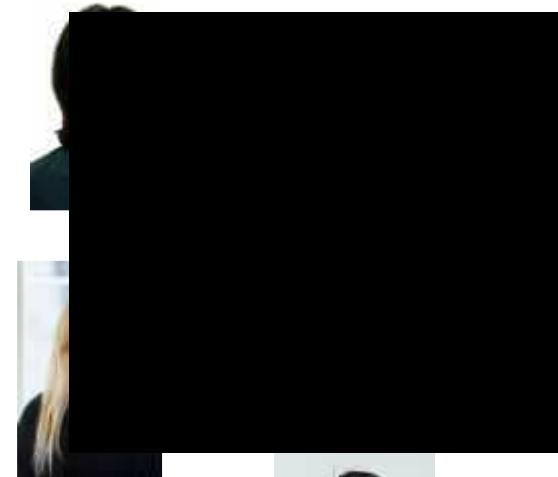
FWF
Der Wissenschaftsfonds.



Exposome Austria
Research Infrastructure
National EIRENE Node



umweltbundesamt[®]



Acknowledgements

Thank you all very much!