

# 2026 Global Exposome Symposium for Brain Health

## Mapping the Exposome to Prevent Alzheimer's Disease and Related Dementias



**17-19 June 2026**  
Bordeaux, France




**Welcome to Bordeaux.** It is a privilege to convene the 2026 Global Exposome Symposium for Brain Health. We are gathered to address a critical imperative in public health: uncovering how environmental exposures across the lifespan shape the risk of Alzheimer's disease and related dementias (AD/ADRD).

Over these next few days, we will explore the frontier of exposomic science—from geospatial modeling and digital biomarkers of cognitive decline to early-life predictors of neurodegenerative disease. Our program is designed to foster the global collaborations necessary to drive discoveries and transform how we understand—and ultimately prevent—AD/ADRD.

This gathering marks the 11th Exposome Symposium organized by the Mount Sinai Institute for Exposomic Research since 2018, and our first meeting in France. This milestone is made possible through the dedicated co-organization of the Brookdale Department of Geriatrics and Palliative Medicine at the Icahn School of Medicine at Mount Sinai, the University of Bordeaux, and the National Institute of Health and Medical Research (INSERM). We are further supported by the collective expertise of our partners at EIRENE, IHEN, NEXUS, GECC, and the Global Exposome Forum.

We are especially proud to sponsor travel grants for 15 trainees and junior faculty representing eight countries across Europe, the Middle East, and North America. Your participation enriches this growing scientific network. We hope the symposium serves as a powerful catalyst for new ideas and lasting connections.

This event is supported by grants from the National Institutes of Health (NIH): Grant #R13AG087672, #P30AG028741, #P01AG066605, and #U24AG088894 from the National Institute on Aging (NIA); Grant #P30ES023515 and #U24ES036819 from the National Institute of Environmental Health Sciences (NIEHS); Grant #UL1TR004419 from the Clinical and Translational Science Awards (CTSA) Program under the National Center for Advancing Translational Sciences (NCATS).

Additional support provided by:  **LINUS BIO**

**Symposium Venue**  
**University of Bordeaux**  
**Legal & Judicial Centre**  
35, place Pey-Berland

**Speaker  
biographies**

**SCAN ME!**



    **@SinaiExposomics**

[MountSinaiExposomics.org](https://MountSinaiExposomics.org)

# Day 1 – Wednesday, 17 June 2026

9:30 - 11:00 **Morning Workshops**

11:00 - 12:00 **Check in and Lunch Available**

12:00 - 12:30 **Welcome**

**Cécilia Samieri, DVM, PhD**, Director of Research, French National Institute of Health and Medical Research (INSERM), Bordeaux Population Health Research Center, France

**Rodolphe Thiébaud, MD, PhD**, Professor of Public Health and Biostatistics, University of Bordeaux, and Director, Bordeaux Population Health Research Center, France

**Robert Wright, MD, MPH**, Ethel H. Wise Professor and Chair, Dept. of Environmental Medicine, and Co-Director, Institute for Exposomic Research, Icahn School of Medicine at Mount Sinai, USA

12:30 - 13:00 **Day #1 Keynote: The Core Aims of Exposomic Research**

**Rémy Slama, PhD**, Director of Research, INSERM and Professor, École Normale Supérieure, Paris, France

13:00 - 13:30 **Natural Disasters and Dementia: A Bad Combination for Aging Populations**

**R. Sean Morrison, MD, FAAHPM**, Ellen and Howard C. Katz Professor and Chair, Brookdale Department of Geriatrics and Palliative Medicine, Icahn School of Medicine at Mount Sinai, USA

13:30 - 14:00 **Applying the Exposome Framework to Advance Alzheimer's Disease and Related Dementias Research: Opportunities for Precision Prevention and Early Risk Detection**

**Richard Kwok, PhD**, Program Director, Population Studies and Genetics Branch, Division of Neuroscience, National Institute on Aging, USA

14:00 - 14:45 **Poster Session A and Coffee Break**

14:45 - 15:15 **Integrating Life-course Perspectives to Understand the Impacts of Exposome on Healthy Aging**

**Jinkook Lee, PhD**, Professor of Economics and Director of the Program on Global Aging, Health, and Policy, University of Southern California, USA



## Day 1 – Wednesday, 17 June 2026 (continued)

15:15 - 15:45 **Assessing the Contribution of the Chemical Exposome to Brain Aging**  
**Cécilia Samieri, DVM, PhD**, Director of Research, INSERM, Bordeaux  
Population Health Research Center, France

15:45 - 16:00 **Open Cheminformatics Data Exchange Supporting Untargeted  
Exposomics**  
**Emma Schymanski, Dr. rer. nat.**, Full Professor in Environmental  
Cheminformatics, Luxembourg Centre for Systems Biomedicine,  
University of Luxembourg, Luxembourg

16:00 - 16:15 **The Comparative Toxicogenomics Database: A Resource for  
Exploring Exposure Effects on Neurological Diseases**  
**Carolyn Mattingly, PhD**, Distinguished Professor, Department of  
Biological Sciences, NC State University, USA

16:15 - 16:30 **Exposome Correlation and Interpretation Database (ECID)**  
**Dinesh Barupal, PhD**, Associate Professor, Dept. of Environmental  
Medicine, Icahn School of Medicine at Mount Sinai, USA

16:30 - 17:15 **Panel Discussion: Exposomic Data Science Applications Relevant to  
ADRD**  
**Emma Schymanski, Dr. rer. nat.**  
**Carolyn Mattingly, PhD**  
**Dinesh Barupal, PhD**

Moderator: **Gary Miller, PhD**, Vice Dean for Research Strategy and  
Innovation, Professor of Environmental Health Sciences, Mailman  
School of Public Health at Columbia University in New York, USA

17:15 **Presentations end**  
Attendees walk to Ponton d'Honneur to take boat (~20-minute walk,  
see map at the back of this booklet)

18:00 **Boat departs**

19:00 **Networking Reception and Dinner**  
Chateau Grattequina, 50 Avenue de labarde, Blanquefort

22:00 **Bus returns to city center** (~30-minute drive). Stops will include  
Novotel and Place Gambetta



8:00 **Coffee available**

Poster presenters in Session B hang posters

9:00 - 9:10 **Welcome**

**R. Sean Morrison, MD, FAAHPM**, Ellen and Howard C. Katz Professor and Chair, Brookdale Department of Geriatrics and Palliative Medicine, Icahn School of Medicine at Mount Sinai, USA

9:10 - 9:40 **Day #2 Keynote: The Exposome at 21: How Did We Get Here and Where Are We Going?**

**David Balshaw, PhD**, Director, Division of Extramural Research and Training, National Institute of Environmental Health Sciences, USA

9:40 - 10:10 **Developmental Origins of Alzheimer's Disease**

**Robert Wright, MD, MPH**, Ethel H. Wise Professor and Chair, Dept. of Environmental Medicine, and Co-Director, Institute for Exposomic Research, Icahn School of Medicine at Mount Sinai, USA

10:10 - 10:40 **In Silico Exposomics of Alzheimer's Disease and Related Dementias**

**Brad Racette, MD**, Kemper and Ethel Marley Chair for Neurology, and Senior Vice President, Barrow Neurological Institute, USA

10:40 - 11:10 **Nutrition and Cognition**

**Nikolaos Scarmeas, MD, MS, PhD**, Professor of Neurology, Medical School, National and Kapodistrian University of Athens, Greece and Columbia University, USA

11:10 - 13:00 **Poster Session B and Lunch**

13:00 - 13:30 **Challenges and Opportunities in Exposome Studies of Parkinson's Disease**

**Alexis Elbaz, MD, PhD**, Director of Research, INSERM, Centre for Epidemiology and Population Health, France

13:30 - 14:00 **Multidomain Approaches to Prevent Cognitive Decline**

**Sandrine Andrieu, MD, MPH**, Professor and Chair, Department of Clinical Epidemiology and Public Health, Toulouse University Hospital, IHU HealthAge, INSERM, Centre for Epidemiology and Research in Population Health, France



## Day 2 – Thursday, 18 June 2026 (continued)

- 14:00 - 14:30 **Fields of Risk: Mapping the Exposome Landscape of Parkinson's Disease**  
**Roel Vermeulen, PhD**, Professor of Environmental Epidemiology and Exposome Science, Utrecht University and University Medical Center Utrecht (UMCU), The Netherlands
- 14:30 - 15:00 **From Hormonal Signatures to Brain Health across Generations: Exposome Predictors of the Pregnancy Steroid Milieu, Child Neurodevelopment, and Maternal Postpartum Depression Risk**  
**Léa Maitre, PhD**, Assistant Research Professor and ISG Exposome Hub Coordinator, ISGlobal, Barcelona Institute for Global Health, Spain
- 15:00 - 15:45 **Group Photo and Coffee Break**
- 15:45 - 16:00 **Sleep as a Window into the Aging Brain**  
**Yue Leng, PhD**, Associate Professor, Department of Psychiatry and Behavioral Sciences, Bakar Computational Health Sciences Institute, University of California, San Francisco, USA
- 16:00 - 16:15 **Plasma Molecular Signatures of ADRD for Early Diagnosis**  
**Fanny Elahi, MD, PhD**, Associate Professor, Depts. of Neurology, Neuroscience, Pathology, Molecular and Cell-based Medicine, and Artificial Intelligence and Human Health, Icahn School of Medicine at Mount Sinai, USA
- 16:15 - 16:30 **Interplay between Exposomics and ADRD Phenotypes**  
**Carole Dufouil, PhD**, Director of Research, INSERM, Bordeaux Population Health Research Center, France
- 16:30 - 17:15 **Panel Discussion: Prodromal Biomarkers and Diagnostic Advances in ADRD: Opportunities to Integrate Exposomics**  
**Yue Leng, PhD**  
**Fanny Elahi, MD, PhD**  
**Carole Dufouil, PhD**
- Moderator: **Robert Barouki, MD, PhD**, Professor of Biochemistry, Paris Cité University and Head of the Public Health Institute at INSERM, France
- 17:15 **Day #2 presentations end**



## Day 3 – Friday, 19 June 2026

8:00 **Coffee available**

9:00 - 9:10 **Welcome**

**Cécilia Samieri, DVM, PhD**, Director of Research, INSERM, Bordeaux Population Health Research Center, France

9:10 - 9:40 **Using Exposomics to Define the Trajectory of Alzheimer's Disease**

**Gary Miller, PhD**, Vice Dean for Research Strategy and Innovation, Professor of Environmental Health Sciences, Mailman School of Public Health at Columbia University in New York, USA

9:40 - 10:10 **Mapping the Human Chemical Exposome of Neurodegenerative Diseases**

**Arthur David, PhD**, Professor, French School of Public Health, Research Institute for Environmental and Occupational Health (IRSET), Rennes, France

10:10 - 10:40 **Coffee Break**

10:40 - 11:10 **Novel Exposome Biomarkers for Neurological Disorders**

**Manish Arora, BDS, MPH, PhD**, Edith J. Baerwald Professor and Vice Chair, Dept. of Environmental Medicine, Icahn School of Medicine at Mount Sinai, and Co-Founder and CEO, LinusBio, USA

11:10 - 11:40 **Mapping the Microbiome-Gut-Brain Axis Across Neuropsychiatric and Neurodegenerative Conditions**

**Mireia Valles-Colomer, PhD**, Professor and Group Leader in Microbiome Research, Medicine and Life Sciences Department, University Pompeu Fabra, Barcelona, Spain

11:40 - 12:10 **Exposome Analytics: Overview and Perspectives**

**Marc Chadeau-Hyam, PhD**, Professor of Computational Epidemiology and Biostatistics, School of Public Health, Faculty of Medicine, Imperial College London, United Kingdom

12:10 - 12:20 **Poster Awards**

12:20 - 13:00 **Lunch**



## Day 3 – Friday, 19 June 2026 (continued)

13:00 - 15:30 **Collaboration Session: Advancing a Global Human Exposome Project**

13:00 - 13:10 **Introduction**

**Robert Wright, MD, MPH**, Ethel H. Wise Professor and Chair, Dept. of Environmental Medicine, and Co-Director, Institute for Exposomic Research, Icahn School of Medicine at Mount Sinai, USA

**Rick Woychik, PhD**, Senior Advisor to the NIH Director, National Institutes of Health, USA

13:10 - 13:55 **Panel Discussion on Incorporating Exposomics into Aging Research**

**R. Sean Morrison, MD, FAAHPM**, Ellen and Howard C. Katz Professor and Chair, Brookdale Department of Geriatrics and Palliative Medicine, Icahn School of Medicine at Mount Sinai, USA

**Brad Racette, MD**, Kemper and Ethel Marley Chair for Neurology, and Senior Vice President, Barrow Neurological Institute, USA

**Alexis Elbaz, MD, PhD**, Director of Research, INSERM, Centre for Epidemiology and Population Health, France

**Sandrine Andrieu, MD, MPH**, Professor and Chair, Department of Clinical Epidemiology and Public Health, Toulouse University Hospital, IHU HealthAge, INSERM, Centre for Epidemiology and Research in Population Health, France

**Nikolaos Scarmeas, MD, MS, PhD**, Professor of Neurology, Medical School, National and Kapodistrian University of Athens, Greece and Columbia University, USA

Moderator: **Cécilia Samieri, DVM, PhD**, Director of Research, INSERM, Bordeaux Population Health Research Center, France

13:55 - 14:10 **Opportunities for EU-US Collaborations**

**Thomas Hartung, MD, PhD**, Doerenkamp-Zbinden Professor and Chair for Evidence-based Toxicology, Johns Hopkins University, Bloomberg School of Public Health, Whiting School of Engineering and School of Medicine, USA (Global Exposome Forum)

14:10 - 14:35 **Updates from Regional Networks**

**Gary Miller, PhD** (NEXUS)

**Jinkook Lee, PhD** (GECC)

**Roel Vermeulen, PhD** (IHEN)



### 14:35 - 15:20 **Panel Discussion on Global Collaborations**

**Martha M. (Mara) Téllez Rojo, MSc, DSc**, Professor, National Institute of Public Health (INSP), Mexico

**Shoji Nakayama, MD, PhD**, Deputy Director, Japan Environment and Children's Study Programme Office, National Institute for Environmental Studies, Japan

**Fanny Elahi, MD, PhD**, Associate Professor, Depts. of Neurology, Neuroscience, Pathology, Molecular and Cell-based Medicine, and Artificial Intelligence and Human Health, Icahn School of Medicine at Mount Sinai, USA

**Robert Barouki, MD, PhD**, Professor of Biochemistry, Paris Cité University and Head of the Public Health Institute at INSERM, France

**Roel Vermeulen, PhD**, Professor of Environmental Epidemiology and Exposome Science, Utrecht University and University Medical Center Utrecht (UMCU), The Netherlands

**Gary Miller, PhD**, Vice Dean for Research Strategy and Innovation, Professor of Environmental Health Sciences, Mailman School of Public Health at Columbia University in New York, USA

**Jinkook Lee, PhD**, Professor of Economics and Director of the Program on Global Aging, Health, and Policy, University of Southern California, USA

Moderator: **Rick Woychik, PhD**, Senior Advisor to the NIH Director, National Institutes of Health, USA

### 15:20 - 15:30 **Next Steps**

**Rick Woychik, PhD**, Senior Advisor to the NIH Director, National Institutes of Health, USA



## Wednesday Session A Poster Presentations

**Identification of a blood metabolomic signature of cognitive aging** Emmanuelle Orsini, PhD Student, INSERM, Bordeaux Population Health Research Center (A1)

**Trajectory of Glial Fibrillary Acidic Protein (GFAP) in the 13 years preceding dementia in the general population: results from the Three-City study** Audrey Pimenta de Miranda, PhD Student, INSERM, Bordeaux Pop. Health Research Center (A2)

**Cytomegalovirus infection and neurovascular damage in the Bordeaux-3C cohort** Marie-Anne Pietrowski, PhD Student, INSERM, Bordeaux Population Health Research Center (A3)

**A blood metabolomic signature of the Dietary Index of Gut Microbiota and its association with cognitive function in a population-based cohort of older persons** Salomé Darblade, MPH, PhD Student in Epidemiology, INSERM, Bordeaux Population Health Research Center (A4)

**Virtual Screening of CYP450 substrates in the Human Blood Exposome Database** Ankita Dutta, PhD, Bioinformatician II/Environmental Medicine, Icahn School of Medicine at Mount Sinai (A5)

**Longitudinal monitoring of biotic and abiotic exposures using wearable devices among pregnant women in Finland** Xinyue Zhang, PhD, Research Scientist, Dept. of Genetics, Stanford University (A6)

**Identification of an exposomic signature of cognitive decline using untargeted HRMS-based blood metabolomics in a population-based cohort of older persons** Matteo Gilone, MPH, Biostatistician, INSERM, Bordeaux Population Health Research Center (A7)

**Associations Between Greenspace and Memory: Evidence from the COMPASS Cohort in Chicago** Wenyan Xu, PhD, Postdoctoral Scholar, University of Chicago (A8)

**Mapping Diet-Metabolome Relationships with Network Methods in Relation to Subsequent Cognitive Decline in Older Adults** Ima Bernada, PhD Student, INSERM, Bordeaux Population Health Research Center (A9)

**Chemical exposures and Alzheimer's disease-related pathology: the EXPOSIGNALZ project** Tahiana Andriambelosa, PhD Student, INSERM U1298 (A10)

**Menopause Timing, Epigenetic Age Acceleration, and Late-Life Cognition: A Mediation Analysis in the Health and Retirement Study** Brittany T. Morin, MS, PhD Student, Epidemiology & Translational Science, Univ of California San Francisco (A11)

**Prenatal exposure to maternal steroid hormones and child neurodevelopment: evidence for sex-specific effects in a longitudinal birth cohort** Estelle Renard Dausset, Biostatistician, ISGlobal (A12)

## Wednesday Session A - Poster Presentations (continued)

### **Urban Environmental Gradients and Late-Life Mortality: A multidimensional approach to the urban exposome in the French Three-City Cohort**

Laure-Anne Gutierrez, MSc, PhD Student, University of Montpellier, INSERM, Institute for Neurosciences of Montpellier (INM) (A13)

### **Deciduous Teeth as Biomarkers of Postnatal Iron Exposure: Mapping Early-Life Nutritional Exposures Relevant to Neurodevelopment**

Muniba Khaliq, PhD, PhD Researcher, University of Reading (A14)

### **Exposome-Wide Association Study and Predictive Risk Score for incident Alzheimer's disease and related dementias**

Chenshuang Li, PhD, Postdoctoral Fellow, Dept of Environmental Health and Dept of Biomedical Informatics, Harvard T.H.Chan School of Public Health, Harvard Medical School (A15)

### **Integrating Hair Biomonitoring and Exposomics to Assess Endocrine-Disrupting Chemical Contributions to Alzheimer's Disease**

Emma Bruggeman, PhD Student, Department of Bioanalysis, Ghent University (A16)

### **Child maltreatment, adult partner violence, and young-onset dementia: A sequential causal mediation analysis in the UK Biobank**

Marie-Céline Schulte, Doctoral Fellow, London School of Hygiene and Tropical Medicine (A17)

### **Home-Based Tailored Light Therapy for Sleep, Mood, and Cognitive Outcomes in Mild Cognitive Impairment: A Randomized Trial**

Weixin Li, MD, PhD, Assistant Professor, Icahn School of Medicine at Mount Sinai (A18)

### **A prospective study of per- and polyfluoroalkyl substances (PFAS) and women's cognitive function in midlife**

Azzurra Invernizzi, PhD, Postdoctoral Researcher, Icahn School of Medicine at Mount Sinai (A19)

### **Navigating Variable Selection And Mixture Identification: A Comprehensive Simulation Study With Mixture Models**

Nicolas Jovanovic, PhD, Engineer, Institute for Advanced Biosciences, Grenoble, France (A20)

### **Ecological momentary assessment of stress experiences in older adults with mild cognitive impairment**

Maria Klein, PhD, Postdoctoral Fellow, Indiana Univ. (A21)

### **Adverse Policing as a Social Exposome Pathway: Implications for Depression, Cognitive Aging, and Dementia Risk**

Erika A. Pugh, PhD, Postdoctoral Scholar, Department of Psychiatry and Behavioral Health, The Ohio State University (A22)

### **Cross-sectional and Longitudinal Associations of Perfluoroalkyl Substances with Cognitive Performance and Brain Structure**

Nada El Jundi, MSc, Doctoral Researcher, German Center for Neurodegenerative Diseases (DZNE) (A23)

### **Biotic and Abiotic Exposure Estimated from Blood Among Pregnant Women**

Ville Pimenoff, PhD, Adj. Prof., Unit of Population Health, University of Oulu (A24)

## Thursday Session B - Poster Presentations

### **Exploring the exposome and the unexplained variance in biological ageing – insights from a genetically controlled twin study in adolescence and early adulthood**

Annika Opperbeck, MSc, RN, Doctoral Researcher, Faculty of Sport and Health Sciences, University of Jyväskylä (B1)

### **Causal Effects of Modifying Per- and Polyfluoroalkyl Substance (PFAS) Exposure Levels on Serum Neurofilament Light Chain (sNfL) in the U.S. National Health and Nutrition Examination Survey (NHANES) 2013-2014**

Lauren Ellis, MPH, PhD Student, Dept of Public Health and Health Sciences, Northeastern University (B2)

### **Pesticide Exposure, Displacement Stressors, and Neurobehavioral Outcomes among Syrian Refugee Agricultural Workers in Lebanon**

Sara A. Assaf, B. Pharm, MSCE, PhD Candidate, Epidemiology, Global Environmental and Occupational Health (GEOHealth-MENA) scholar, American University of Beirut (B3)

### **Assessment of Work-Related Heat Stress Exposure Among Syrian Refugee Agricultural Workers in Lebanon**

Bandar Salah Noory Mohamed, MPhil, PhD Candidate, Epidemiology and Biostatistics, American Univ of Beirut (B4)

### **Spatiotemporal modelling of ambient concentration of ultrafine particles in Switzerland for linkage to neuro-vascular health**

Eric P. Twomey, MD, MPH, Medical Resident in Public Health and Prevention, Dept of Epidemiology and Public Health, Swiss Tropical and Public Health Institute (B5)

### **Climate Stress, Cognitive Performance, and Mitochondrial Variant Burden: The REGARDS Cohort**

Aravind Lathika Rajendrakumar, MPH, PhD, Assistant Scientist, Institute for Health Equity Research, Icahn School of Medicine at Mount Sinai (B6)

### **The Beneficial Exposome: How Plant Volatiles Shape Human Physiology and Molecular Signaling**

Jenny Ji Hyun Kim, Graduate Student, Stanford University (B7)

### **Impact of Pesticide Exposure on Cognitive Function in Farmers in the Maule Region, Chile**

Sandra Isabel Cortés Arancibia, PhD, Associate Professor, Department of Public Health, School of Medicine, Pontifical Catholic University of Chile (B8)

### **A Combined Deterministic-Stochastic Methodology for Residential Pesticide Exposure in the Netherlands**

Assif Friedman, PhD Candidate, Utrecht Univ IRAS (B9)

### **Cross-national Study of Built and Sociopolitical Environments on Cognitive Performance among Older Adults: Perspectives from China and the U.S.**

Zhe Lin, MA, PhD Student, Geography Dept, University of Colorado Boulder (B10)

### **The Combined Association of Air Pollution, Noise Pollution, and Neighborhood Socio-economic Disadvantage with Memory Performance in a Cognitively Healthy Population**

Lina Valentina Dimitrov, MPH, PhD Candidate, Department of Epidemiology, Rollins School of Public Health, Emory University (B11)

## Thursday Session B - Poster Presentations (continued)

**Differential Temporal Stress Responses to Wood and Diesel Combustion Particulate Matter in Aged Olfactory-Brain Interface** Claire Fayad, Doctoral Researcher, University of Eastern Finland (B12)

**Exposomic Stratification of Neurocognitive Health: Identifying Priority of Modifiable Factors** Elise Roger, PhD, Assistant Professor, Dept. of Medical Imaging Sciences, Université de Sherbrooke (B13)

**Fungicide exposure differentially affects Alzheimer's disease marker aggregation in two transgenic mouse models** Véronique Perrier, PhD, Research Director, Centre National de la Recherche Scientifique, Neurosciences/INSERM U1298 (B14)

**Red Blood Cells shuttle  $\beta$ -amyloid between brain and heart: implications for the pathogenesis and the progression of Alzheimer's and Cardiomyopathy** Camilla Bacchin, MD, Senior Research Associate, Department of Medicine, Division of Cardiology, Medical University of South Carolina (B15)

**Mapping chemical exposome modulators of A $\beta$ 42 aggregation and downstream biological effects in an integrated screening workflow** Joan Torrent, PhD, Researcher, INM, University of Montpellier, INSERM U1298 (B16)

**homeMultiomics: A remote blood-based sampling platform to capture longitudinal changes and the effects of the exposome** Ashleigh Theberge, PhD, Department of Chemistry, University of Washington (B17)

**tidyexposomics: A Reproducible Framework for Exposome-Omics Integration Across Complex Disease Contexts** Fenna C.M. Sillé, PhD, MS, Assistant Professor, Johns Hopkins University Bloomberg School of Public Health, Center for Alternatives to Animal Testing, Dept of Environmental Health and Engineering (B18)

**Environmental Exposure Across the Life Course Is Associated With Early Alzheimer's Disease Biology: Evidence from the Child Health and Development Studies** Jason R. Richardson, PhD, DABT, Dianne Isakson Distinguished Professor, Isakson Center for Neurological Disease Research, University of Georgia (B19)

**Reframing Health Inequalities in Latin America and the Caribbean through an Exposome Approach: The Emergence of a Regional Network** Martha (Mara) Téllez Rojo, MSc, DSc, Researcher, National Institute of Mexico and Cinthya Urquidi, PhD, Researcher, Universidad de los Andes, Chile, Latin America and the Caribbean Exposome Research Network (B20)

**Integrating the Anthroposome into Exposome Research on Brain Aging and Neurodegeneration** Megan K. Horton, PhD, MPH, Professor, Department of Environmental Medicine, Icahn School of Medicine at Mount Sinai (B21)

## Thursday Session B - Poster Presentations (continued)

**Associations between diet quality, epigenetic aging and epigenome: Findings from two population-based Studies** Dan Liu, PhD, MD, Group Leader of Molecular Epidemiology of Aging, German Center for Neurodegenerative Diseases (DZNE) (B22)

**Population Trends in Biological Aging and the Environmental Exposome in U.S. Adults** Nasser Laouali, PhD, MPH, Assistant Professor of Epidemiology in the Faculty of Medical Sciences, Mohammed VI Polytechnic University (UM6P) (B23)

**PFAS Exposure, DNA Methylation, and Cognitive Impairment Among Chinese Older Adults** Wanying Shi, PhD, Assistant Researcher, China CDC Key Laboratory of Environment and Population Health, National Institute of Environmental Health, Chinese Center for Disease Control and Prevention (B24)

**Occupational and domestic exposure to ultrafine particles and cognitive ageing: a PhD project based on the BCube cohort** Léa Guillemin, Research Engineer and Epidemiologist, INSERM/Bordeaux Population Health Center (B25)

## Planning Committee



**Gary Miller, PhD**  
Columbia University



**Cécilia Samieri, DVM, PhD**  
INSERM/Bordeaux  
Population Health  
Research Center



**Robert Barouki, MD, PhD**  
INSERM/Paris Cité  
University



**R. Sean Morrison, MD**  
Icahn School of Medicine  
at Mount Sinai



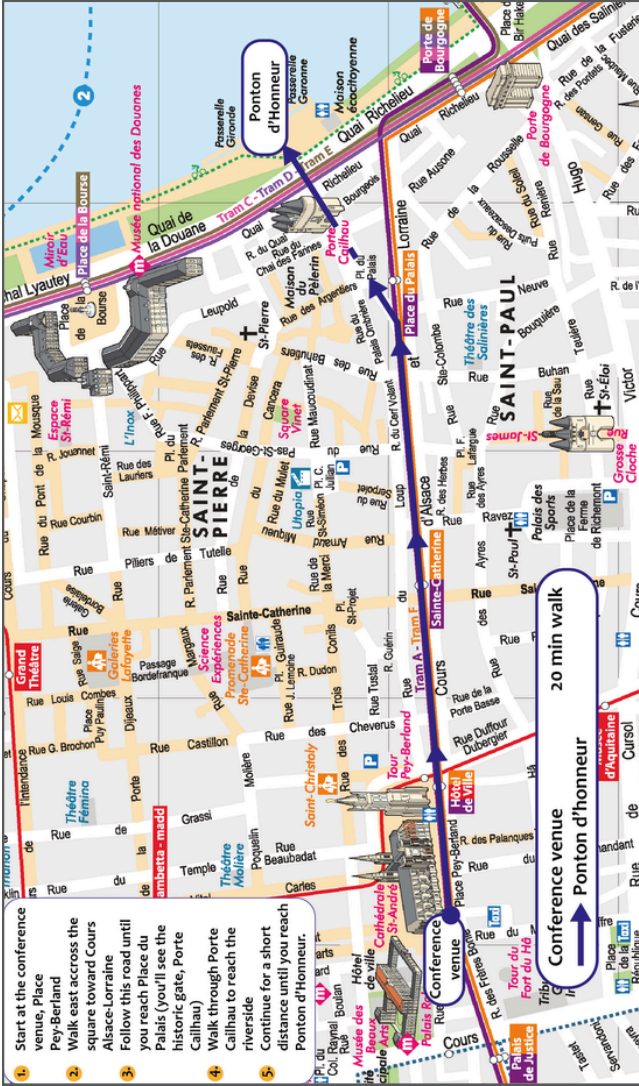
**Yuxia Cui, PhD**  
National Institute of  
Environmental Health Sciences



**Robert Wright, MD, MPH**  
Icahn School of Medicine  
at Mount Sinai



Walking route to Weds evening boat (~20 min walk).  
Boat departs at 6pm.



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Please fill out the program evaluation here.

Logistics and Local Recommendations

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Save the Date: May 24-26, 2027  
 ADRD/Exposome Symposium  
 UM6P Benguerir Campus, Morocco



