

## Bordeaux Population Health – *Junior Researcher's Day*

### 8h30 – 9h: Reception of participants

### 9h – 9h30: Introduction of the day

- Bordeaux Population Health, Rodolphe
- EUR Digital Public Health, Ilaria
- Blooming members of Bordeaux Population Health, Léa & Blondy

### 9h30 – 10h30: Oral presentations - Session 1

- Mathilde Janota (ACTIVE) : *Experimentation and uses of alcohol, tobacco, e-cigarette and cannabis from early adolescence: associated factors and issues.*
- Marie Tartaglia (EPICENE) : *Data-driven approaches to study maternal occupational multi-exposures during pregnancy and intrauterine growth: analysis of the ELFE study.*
- Robert Akpata (GHIGS) : *Tuberculosis severity factors in people living with HIV: a systematic review.*
- Marie Herbein (HEALTHY) : *Psycho-social risk factors of irritability trajectories: the Canadian ELDEQ cohort.*

### 10h30 – 10h45: 2 MT180s

- Yanis Asloudj (AHEAD) : *Mais comment choisir la bonne ? L'union fait la force en single-cell RNA-seq.*
- Justine Remiat (BIOSTAT/SISTM) : *Promenade dans les forêts.*

### 10h45 – 11h15: Coffee break

### 11h15 – 11h20: Quiz “Session 1 & MT180s”

### 11h20 – 11h45: Poster Blitz

### 11h45 – 12h15: Poster Session

1. Morgane Rosay (ACTIVE) : PRAGMA study : What are the associations between family caregivers characteristics and psychobehavioral symptoms, quality of life and care recourse in older adults with Alzheimer's disease and related disorders?
2. Romane Le Goff (AHEAD) : Modeling the care pathways of patients with type 2 diabetes.
3. Marius Robert (BIOSTAT) : Lead time bias correction in breast cancer screening studies.
4. Ima Bernada (ELEANOR) : A new mutual information estimator to infer dependency statistic networks with censored variables.

5. Cynthia Dalleau (EPICENE) : Quantifying heterogeneity in cancer randomized multicentre trials.
6. Prescilia Visi Vumba (GHIGS) : Intended and unintended pregnancies among adult women living with HIV accessing sexual and reproductive health services in Abidjan – Ivory Coast, 2016-2021.
7. Emelyne Gres (GHIGS) : Frequency and correlates of antibiotics overprescriptions among children (2-59 months) attending IMCI consultations at primary health care centers in the AIRE project : Burkina Faso, Guinea and Mali (2021-2022).
8. Charline Galesne (HEALTHY) : Cytokines in cord blood and emotional problems at age 5: the French ELFE cohort.
9. Laure Gayraud (LEHA) : Air pollution exposure and ocular aging.
10. Lisa Le Scouarnec (PHARES) : Development and Assessment of Algorithms for Predicting Brain Amyloid Positivity in a Population Without Dementia.
11. Tom Fischer (PHARES) : Environmental exposures and mortality: investigating socially differentiated vulnerabilities with a nationwide analysis across French municipalities.
12. Arthur Hugues (SISTM) : Identifying molecular surrogate markers for the vaccine response.

### 12h15 – 13h45: Lunch break

#### 13h45 – 13h50: Quiz “Posters”

#### 13h50 – 14h35: Oral presentations - Session 2

- Marina Boudin (AHEAD) : *The OREGANO knowledge graph for computational drug repurposing.*
- Kateline Le Bourdonnec (BIOSTAT) : *Continuous-time mediation analysis for repeatedly measured mediators and outcomes.*
- Thomas Ferte (SISTM) : *Reservoir Computing for Short High-Dimensional Time Series: an Application to SARS-CoV-2 Hospitalization Forecast.*

#### 14h35 – 14h45: 2 MT180s

- Mathilde Veneziano Broccia (ELEANOR) : *Leucémie, sans séquelle c'est mieux !*
- Elhadj Mariko (EPICENE) : *Les apports de l'ergotoxicologie à la prévention des expositions aux poussières de silice cristalline dans le BTP.*

#### 14h45 – 14h50: Quiz “Session 2 & MT180s”

## 14h50 – 15h20: Coffee break

### 15h20 – 16h05: Oral presentations - Session 3

- Petra Larsen (LEHA) : *Exposure to lipopolysaccharide-type endotoxins and the aging retina.*
- Sophie Lefèvre-Arbogast (ELEANOR) : *Chemical Exposome and Brain Aging : focus on plasma Persistent Organic Pollutants in the 3C study.*
- Timothy Daly (PHARES) : *A philosophy of science approach to the amyloid hypothesis of Alzheimer's disease.*

### 16h05 – 16h15: 2 MT180s

- Agnès Crassous (PHARES) : *Conduites addictives pendant la grossesse : prévalence et conséquences sur la santé du fœtus estimées à partir du Système National des Données de Santé (SNDS).*
- Antonin Colajanni (SISTM) : *Caractérisation du microbiote transloqué circulant dans le sang et son impact sur la réponse vaccinale.*

### 16h15 – 16h20: Quiz “Session 3 & MT180s”

### 16h20 – 16h45: Closing of the day