

## Symposium

# Research on the Biology and Diseases of Ageing in Bordeaux

**18 November 2025**

University of Bordeaux, Amphi Louis, ISPED, Carreire campus

## PROGRAM

**8h30**

**WELCOME**

**9h00-9h10**

**INTRODUCTION:** Karen LEFFONDRE (Deputy Director of the Public Health Department)

**9h10-9h50**

**Invited speaker**

**Franck Oury (Necker - Paris):** Role of hormonal factors in maintaining neuronal homeostasis and cognitive fitness

*Chair: Victor Appay*

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### Session 1 – Collaborative aging projects

**9h50-10h30**

**Ilana Caro and Thierry Couffinhal (BPH, Biology of CardioVascular Diseases):** Cerebral small vessel disease

*Chair: Isabelle Bourdel-Marchasson*

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### Session 2 – Collaborative aging projects

**10h30-11h10**

**Morgane Linard, Catherine Helmer and Victor Appay (BPH, Immunoconcept):** Virus in neurodegenerative diseases: how to unravel the immunological mechanisms?

*Chair: Isabelle Pellegrin*

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## COFFEE BREAK

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### Session 3 – Collaborative aging projects

**11h30-12h10**

**Gaël Galli and Florent Guerville (CHU Bordeaux, Immunoconcept):** O-GLcNAcylation and inflammasomes in older persons: two translational and transdisciplinary approaches towards innovative care for frailty (MIDAS and INTRA studies)

*Chair: Claire Roubaud-Baudron*

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**12h10-12h40**

**Maël Lemoine (Immunoconcept):** Aging as drifting tissue homeostasis: an interdisciplinary hypothesis

*Chair: Nora Abrous*

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## LUNCH

**14h00-14h40**

**Invited speaker**

**José Alberto Avila-Funes (National Institute of Medical Sciences and Nutrition - Mexico City):** Frailty in older adults living with HIV: Emerging insights and clinical Implications

*Chair: Hélène Amieva*

## **Session 4 – Short presentations - Room for young researchers**

**14h40-15h55**

*Chair: Gwenaëlle Catheline*

- **Juliette Maurin (Biology of CardioVascular Diseases):** Neurological disorders in myeloproliferative neoplasms (10+5')
- **Vivien Caillens (ImmunoConcept):** Impaired T cell priming capacity in lung cancer patients (10+5')
- **Hà Trinh (BRIC):** HemaMox: Development of formal explanatory models based on multiomic analysis to describe the impact of aging on hematopoiesis (10+5')
- **Virginie Faidherbe (BPH):** Modeling trajectories of loneliness in older adult (10+5')
- **David Bendetowicz (IMN):** The contribution of biomarkers to neurodegenerative diseases (10+5')

**15h55-16h05 – WHO'S WHO?**

**COFFEE BREAK**

## **Session 4 (continued) – Short presentations - Room for young researchers**

**16h20-17h20**

*Chair: Catherine Helmer*

- **Eloïse Francq (Immunoconcept, Pôle de gériatrie clinique):** Kidney transplant and frailty (10+5')
- **Vincent Bouteloup – (BPH):** Plasma biomarkers of Alzheimer disease: results from the Memento cohort (10+5')
- **Savannah Hardion (INCIA):** Locus Coeruleus, sleep/wake cycle and cerebral frailty in early ageing: a study combining multimodal MRI and actimetry in daily life in the B cube cohort (10+5')
- **Liam Barry-Carroll (NutriNeuro):** Investigating the impact of n-3 PUFA combined with Vitamin A supplementation on cognition and plasma EV signature in aged individuals (10+5')

## **Session 5 – Collaborative aging projects**

**17h20-18h**

**Patricia Réant and Florent Guerville (CHU Bordeaux, Immunoconcept):** Transthyretin amyloidosis in older patients: What are their expectations and priorities?

*Chair: Catherine Sawai*

**18h**

**Conclusion and End of the day – Hélène Amieva and Catherine Helmer**

**Organizing committee:** Nora Abrous, Hélène Amieva, Victor Appay, Isabelle Bourdel-Marchasson, Gwenaëlle Catheline, Julie Dechanet Merville, Alain Pierre Gadeau, Catherine Helmer, Maël Lemoine, Olivier Mansier, Isabelle Pellegrin, Hamid-Reza Rezvani, Claire Roubaud, Virginie Postal, Muriel Priault, Katie Sawai, Pierre Soubeyran

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