



Journées de l'Ecole Doctorale 394

Doctoral School Days 2026

June 4th and 5th, 2026

Sorbonne Université, Pierre et Marie Curie Campus

Organizing Committee

APAVOU Maud

BOUCHET-BARKATE Salomé

CHABANIS Evangéline

CHAIB Lylia

DELMAS Maëlle

DIAS WICKRAMANAYAKA Madara

FOURNIER Guillaume

JOACHIM Ernesto

KABAGHIAN Zaven

KATHIRGAMANATHAN Shivane

LE GAL Claudia

MEEGODA Tharindi

MESCAM Anaëlle

METHENNI Wided

RAFFY Balthazar

ROLLAND Billy

Acknowledgements

The organizing committee warmly and sincerely thanks its sponsors for their generous support of these Doctoral School Days and their valued commitment.

MERCK



Vazyme

BGI

ThermoFisher
SCIENTIFIC

EUROMEC

A special mention is extended to the scientific journals attending these Doctoral School Days for their appreciated presence.

LE QUOTIDIEN
DU MEDECIN

LeQuotidien
du pharmacien

DAY 1 - June 4th, 2026

Sorbonne Université, Pierre et Marie Campus, Paris

Amphi 44 : Sessions

Atrium : Coffee Break, Lunch Break, Poster Sessions, Sponsor Stands

8:00 - 8:30 **Registration**

8:30 - 8:35 **Welcome address** - Directors of ED394 : **Sophie SIBERIL & Marthe MOLDES**

8:35 - 9:05 **Welcome address** - **Wilfried Le Goff** – *Maladies cardiovasculaires et métaboliques (ICAN)*

9:05 - 10:20 **Session 1 - Neuro-immune and neurovascular interaction : from pathophysiology to therapeutic approaches**

Moderators : **Nathalie MAGNE & Ernesto JOACHIM**

Keynote Speaker : **Jean-Léon THOMAS**, *Institut du Cerveau*
Neurovascular and neuroimmune aspects of the meningeal lymphatic vasculature

Vinca MONMEAT, *Centre de Recherche Saint-Antoine*
Neuroimmune mechanisms of accelerated cognitive decline in sepsis-survivors

Mixing ZHANG, *Institut Pasteur*
Impact of SARS-CoV-2 infection on neurodegeneration

Amélie CAMBRIEL, *Centre de Recherche Saint-Antoine*
Single cell epigenetic determinants of postoperative cognitive decline

DAY 1 - June 4th, 2026

Sorbonne Université, Pierre et Marie Campus, Paris

Amphi 44: Sessions

Atrium: Coffee Break, Lunch Break, Poster Sessions, Sponsor Stands

10:20 - 10:50

Session 1 - Neuro-immune and neurovascular interaction : from pathophysiology to therapeutic approaches - Continuation

Camille ROUX, *Institut de la Vision*

Involvement of the PIR-B receptor in Experimental Autoimmune Uveitis (EAU) and its regulatory function in retinal microglial activation.

Alexandre GLASTRA, *Centre de Recherche Saint-Antoine*

Tolerogenic vaccination as an innovative immunotherapy targeting T cells in Alzheimer's disease and tauopathies

10:50 - 11:30

Coffee Break & Sponsor Visits

11:30- 12:00

My Thesis in 180 seconds

Ariane FAYAD, *Neuro-SU*

Emilie GUILLON, *Nutriomics Lab*

Madeline SERGEANT, *Centre de Recherche Saint-Antoine*

Raida BOUZID SAADAOU, *Centre de Recherche des Cordeliers*

12:00 - 12:15

Sponsor presentation : MERCK

12:15 - 13:00

Lunch Break

13:00 - 14:00

Poster Session

DAY 1 - June 4th, 2026

Sorbonne Université, Pierre et Marie Campus, Paris

Amphi 44: Sessions

Atrium: Coffee Break, Lunch Break, Poster Sessions, Sponsor Stands

14:00 - 15:45

**Session 2 - Cells in Motion: Mechanisms in
Metabolic and Inflammatory Diseases**

Moderators: **Evangéline CHABANIS & Wided METHENNI**

Keynote Speaker: **Karine CLÉMENT**, *Nutriomics Lab*
A systems' approach to obesity

Alois DAUGER, *Nutriomics Lab*

Mathematical model of the number and size of adipocytes

Megan FARMINER, *Centre de Recherche Saint-Antoine*

Effect of HIV integrase inhibitors on pancreatic beta cells and adipocytes

Raphaëlle LIQUARD, *Centre de Recherche Saint-Antoine*

Mechanisms involved in the protective effects of a bacterial quorum sensing molecule on the intestinal epithelial barrier under inflammatory conditions

Celia ORENGO, *Centre de Recherche Saint-Antoine*

Heterogeneity and Role of Chondrocyte-Derived Extracellular Vesicles in Osteoarthritis

Lola SAVOURÉ, *Centre de Recherche Saint-Antoine*

Study of the enhancement of endothelial barrier function in response to bacterial metabolites from gut microbiota

15:45 - 16:15

Coffee Break & Sponsor Visits

DAY 1 - June 4th, 2026

Sorbonne Université, Pierre et Marie Campus, Paris

Amphi 44: Sessions

Atrium: Coffee Break, Lunch Break, Poster Sessions, Sponsor Stands

16:15 - 18:00

Session 3 - Immune Regulation Across Physiological Systems

Moderators: **Clément BERTHY & Anaëlle MESCAM**

Keynote Speaker: **Anne HOSMALIN**, *Institut Cochin - Biologie des phagocytes, infection et immunité*

Léonie CAGNET, *Centre d'Immunologie et de Maladies Infectieuses*

Clinical and Immunological Aging: Findings from the TEMPO Cohort Study of 102 People Living with HIV Followed Over 18 Years

Thibault VANHOUCK, *Institut Pasteur*

Identification of novel CD40 agonistic antibodies using droplet-based microfluidics

Tea SONICKI, *Centre d'Immunologie et de Maladies Infectieuses*

Deciphering Microbe-Immune Signatures to Segregate Clinical Phenotypes in Primary Antibody Deficiencies

Robin LACOMBE, *Centre de Recherche des Cordeliers*

ATP selectively modulates the antigen-binding specificity of antibodies

Simeon NTHUKU, *Centre d'Immunologie et de Maladies Infectieuses*

Immune surveillance as an organizing axis of gut microbiota structure

DAY 2 - June 5th, 2026

Sorbonne Université, Pierre et Marie Campus, Paris

Amphi 44: Sessions

Atrium: Coffee Break, Lunch Break, Poster Sessions, Sponsor Stands

9:00 - 10:15

**Session 4 - Cancer Biomarkers, Immune Escape
and Tumor Microenvironment**

Moderator: **Savinien LASBAREILLES & Madara DIAS W.**

Keynote Speaker: **Alex DUVAL**, *Centre de Recherche
Saint-Antoine, Instabilité des microsatellites et cancers*

Tom ROBLIN, *Institut Pasteur*

Bioluminescence at scale: rapid LuLISA development for high-throughput serological screening for viruses of carcinogenic liver flukes

Clément BERTHY, *Centre de Recherche Saint-Antoine*

Identification of surface biomarkers on circulating extracellular vesicles in the hepatocellular carcinoma and predictive of response to immunotherapy

Mathilde PRIETO, *Centre de Recherche des Cordeliers*

Interactions between tumor cells and the immune microenvironment in resected lung cancer: the role of metabolism

10:15 - 10:45

Coffee Break & Sponsor Visits

10:45 - 11:15

**Session 4 - Cancer Biomarkers, Immune Escape
and Tumor Microenvironment - Continuation**

Marie NATUREL, *Centre d'Immunologie et des Maladies Infectieuses*

The costimulatory molecule ICOSLG promotes Treg-mediated immunosuppression in humanized mice models of triple-negative breast cancer and glioblastoma

DAY 2 - June 5th, 2026

Sorbonne Université, Pierre et Marie Campus, Paris

Amphi 44 : Sessions

Atrium : Coffee Break, Lunch Break, Poster Sessions, Sponsor Stands

10:45 - 11:15

**Session 4 - Cancer Biomarkers, Immune Escape
and Tumor Microenvironment - Continuation**

Mohammed BAGHDADI, *Centre de Recherche Saint-Antoine*

Procoagulant activity of Selected Cancer Cell Clones Embedded
Within Fibrin Clot Shields: A Novel Tumor Microenvironment Model

11:15 - 11:45

My Thesis in 180 seconds

Yashvi CHAT, *Institut de la Vision*

Alicia VELAZQUEZ, *Institut Pasteur*

Marie MESSIKA, *Centre de Recherche Saint-Antoine*

Axel RANSON, *Nutriomics Lab*

Lévi-Dan AZOULAY, *Laboratoire d'Imagerie Biomédicale*

11:45 - 13:00

Lunch Break

13:00 - 14:00

Poster Session

14:00 - 15:00

Table Ronde

Moderator : Maud APAVOU

Comment rendre la recherche scientifique accessible à tous ?

- **Cleo DERWEL** - Journaliste scientifique, HAPPY HOUR SCIENTIFIQUE
- **Juliette DEVAUX** - Journaliste, FRANCE CULTURE
- **Alexane LECLERC** - Doctorante, NEUROSPIN

DAY 2 - June 5th, 2026

Sorbonne Université, Pierre et Marie Campus, Paris

Amphi 44: Sessions

Atrium: Coffee Break, Lunch Break, Poster Sessions, Sponsor Stands

15:00- 16:45

**Session 5 - Innovative Technologies from
Molecular Discovery to Clinical Application**

Moderators: **Paulina MEDINA-RANGEL & Maëlle DELMAS**

Keynote Speaker: **Saaid Safieddine**, *Institut Pasteur*

Pathophysiology of deafness : from the preclinical model to the patient

Amel MEKAOUI, *Institut de l'Audition*

Evaluating the benefits of integrating connected care to reshape the cochlear implant care pathway: A multicentre randomised non-inferiority study

Pichoy DANIAL, *Institut de Cardiométabolisme et Nutrition*

Treatment of heart failure with preserved ejection fraction using a mini centrifugal assist device

Aleta DE RUITER, *Institut du Cerveau*

Granular neuroimaging of the medial temporal lobe: From postmortem tissue to in vivo MRI

Subham SAHA, *Centre de Recherche Saint-Antoine*

Validation and improvement of ImprintCap, an NGS-based technology for molecular diagnosis of Imprinting Disorders

Florine LIEGEON, *Institut de l'Audition*

Towards a Standardized Assessment of Manual Dexterity in Hearing Aid Users Using the ABILHAND Questionnaire

DAY 2 - June 5th, 2026

Sorbonne Université, Pierre et Marie Campus, Paris

Amphi 44 : Sessions

Atrium : Coffee Break, Lunch Break, Poster Sessions, Sponsor Stands

16:45 - 19:00 **Awards & Cocktail Hour**

Important information :

Registration :

All attendees must register in the morning of DAY 1 (June, 4th).

Poster Sessions :

Ph.D. students presenting posters must set them up on the first day during registration and take them down at the end of the day.

On the second day, the posters must be set up in the same location as the previous day and taken down at the end of the day.

Prizes :

The names of the winners will be announced, and prizes awarded, on DAY 2 (June, 5th) during the Awards & Cocktail Hour.

MENU

Sorbonne Université, Pierre et Marie Campus, Paris

Amphi 44 : Sessions

Atrium : Coffee Break, Lunch Break, Poster Sessions, Sponsor Stands

JOUR 1 :

- Pause café matin :

Café bio 100% Arabica, Thé bio Ear Gray fleurs bleues (déclinaison noir, vert menthe et citron), Jus d'orange et jus de pomme Bio, Eau Minérale d'Ile-de-France

Assortiment de 2 mini viennoiseries par personnes en 3 variétés

- Mini croissant pur beurre d'Isigny s/s Mer AOP
- Mini pain au chocolat pur beurre d'Isigny s/s Mer AOP
- Mini pain aux raisins

- Déjeuner du midi :

Menu viande → Sandwich : Pain bagnat, crème au fromage à la roquette, poulet, tomates confites, copeaux de parmesan, pignons de pain ; Mini salade taboulé libanais ; Tarte aux pommes

Menu poisson → Sandwich : Pain polaire, caviar d'aubergine, saumon fumé, mesclun, courgettes, carottes, oignons marinés ; Mini salade taboulé libanais ; Tarte aux pommes

Menu végété → Galette roulée, houmous de patates douces, pousses d'épinard, concombre, radis, croquants de courgettes, pignons ; Mini salade taboulé libanais ; Tarte aux pommes

MENU

Sorbonne Université, Pierre et Marie Campus, Paris

Amphi 44 : Sessions

Atrium : Coffee Break, Lunch Break, Poster Sessions, Sponsor Stands

JOUR 2 :

- Pause café matin :

Café bio 100% Arabica, Thé bio Ear Gray fleurs bleues (déclinaison noir, vert menthe et citron), Jus d'orange et jus de pomme Bio, Eau Minérale d'Ile-de-France

Assortiment de 2 mini viennoiseries par personnes en 3 variétés

- Mini croissant pur beurre d'Isigny s/s Mer AOP
- Mini pain au chocolat pur beurre d'Isigny s/s Mer AOP
- Mini roll caramel beurre salé d'Isigny s/s Mer AOP

- Déjeuner du midi :

Menu viande → Sandwich : Pain bagnat, salade, asperges vertes, cornflakes au poulet, tomate, fromage de chèvre en rondelle, carottes râpées, concombre, sauce César ; Mini sandwich (pain viennois, houmous de patate douce, pousse d'épinard, concombre, radis, courgette) : Moelleux chocolat

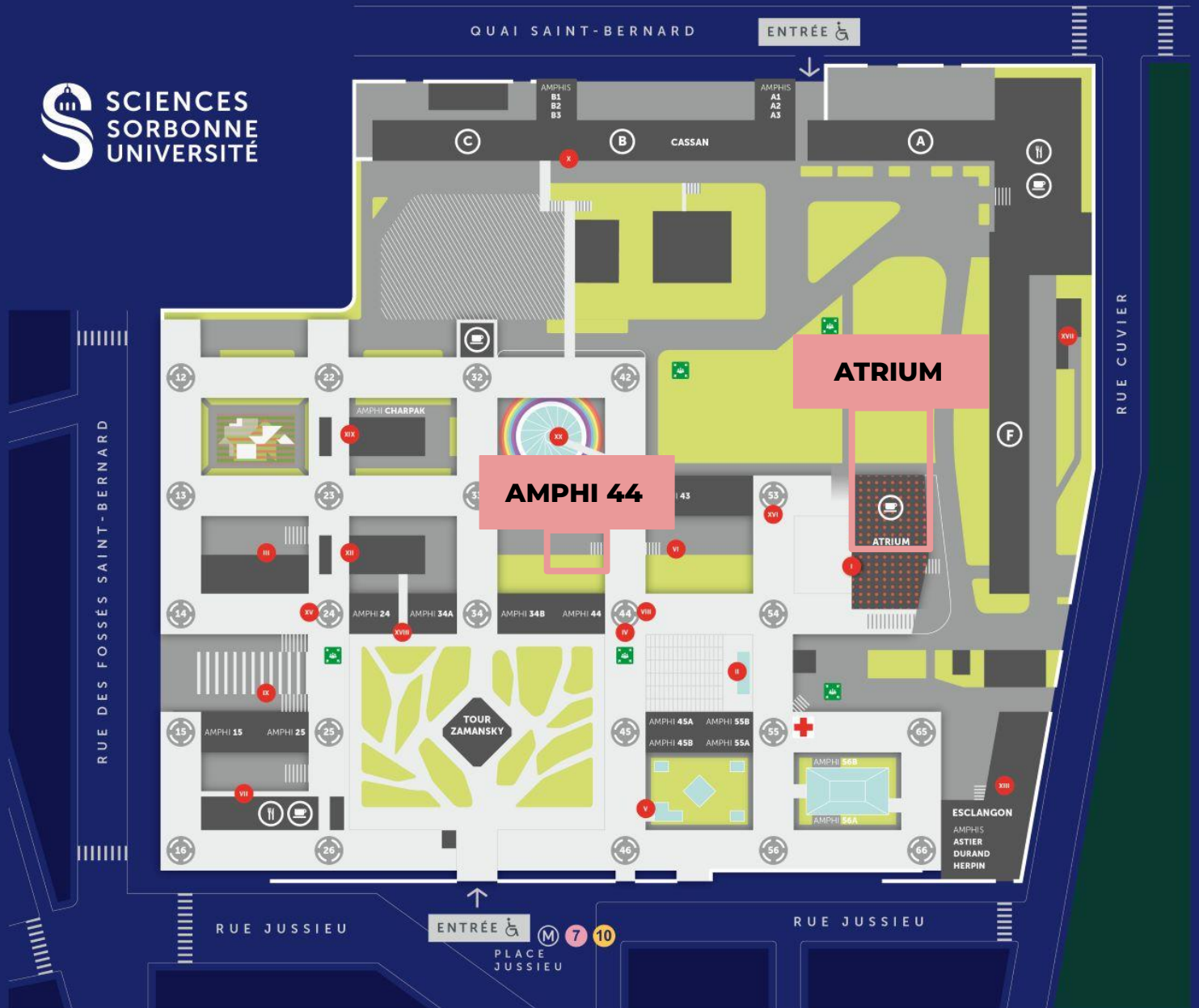
Menu poisson → Sandwich : Salade, riz sushi, thon mariné, concombre, radis, avocat, fèves, pousses d'épinard, mélange de graines, sauce asiatique ; Mini sandwich (pain viennois, houmous de patate douce, pousse d'épinard, concombre, radis, courgette) : Moelleux chocolat

Menu végé → Salade, poêlée de lentilles, pois chiche verts, concombre, tomate, menthe, feta, oignons rouges, sésame doré, sauce chimichurri ; Mini sandwich (pain viennois, houmous de patate douce, pousse d'épinard, concombre, radis, courgette) : Moelleux chocolat

Plan

Sorbonne Université, Pierre et Marie Campus, Paris
Amphi 44 : Sessions

Atrium : Coffee Break, Lunch Break, Poster Sessions, Sponsor Stands



- | | | | | | |
|---|---|---|---|--|---------------------------------|
| I Atrium : Service Orientation et Insertion (SOI), Administration de la scolarité, Scolarité L1, Bibliothèque de l'Atrium, Capsule | VI Bibliothèque des Licences Barre 43-44 niveau St-Bernard | XI Espace des Arts et de la Culture (EDAC) Barre 33-43 niveau St-Bernard | XVI Foyer étudiant Tour 53 niveau Jussieu | ■ Niveau Jussieu | ⊙ Tour |
| B Auditorium du CICSU Patio 44-55 niveau Jussieu | VII Bibliothèque de Mathématiques Informatique recherche Patio 15-26 niveau St-Bernard | XII Espace Vie étudiante Patio 23-34 niveau Jussieu | XVII Halte-garage Bâtiment F niveau St-Bernard | ■ Niveau St-Bernard | ⊙ Point de rassemblement |
| III Bibliothèque de Biologie-Chimie-Physique recherche Patio 13-24 niveau St-Bernard | VIII Centre International de Conférences Sorbonne Université (CICSU) Barre 44-54 1 ^{er} étage | XIII FabLab Bâtiment Esclangon | XVIII La Passerelle – galerie culturelle Patio 23-34 niveau Jussieu | + Infirmier Service de médecine de prévention | |
| IV Bibliothèque de Géosciences et environnement Tour 44 1 ^{er} étage | IX Collection de minéraux Patio 14-25 niveau St-Bernard | XIV FabLab Biologie-Chimie Barre 43-44 2 nd étage | XX Service Handicap Santé Etudiant (SHSE) Patio 22-33 niveau Jussieu | ⚠ Sécurité incendie 01 44 27 55 55 | |
| V Bibliothèque de L1 Patio 45-56 niveau Jussieu | X Département des activités physiques et sportives (DAPS) Bâtiment B niveau St-Bernard | XV Formation continue Barre 14-24 5 th étage | XXI Tipi – Maison pour la Science Patio 32-43 niveau Jussieu | ⚠ Sécurité 01 44 27 26 27 | |