

Summer School

# Modeling Human Neuropathologies

A Sorbonne/Heidelberg co-production

6<sup>th</sup> – 12<sup>th</sup> of July 2025 – Bad Kreuznach

## ***Confirmed speakers:***

Bassem Hassan  
Oliver Kann  
Morgane Locker  
Ulrike Müller  
Clévio Nóbrega  
Christelle Rochefort  
Pauline Speder  
Pei Chi Wei

**Applications now open!**

Application deadline: May 2

**Venue: Burg Ebernburg  
Bad Kreuznach**

***Sunday July 6<sup>th</sup> 2025***

Day of arrival

***Monday – Friday:***

Mornings: lecture sessions

Afternoons:

poster sessions  
brainstorm sessions  
presentations

***Saturday July 12<sup>th</sup> 2025***

Departure day



[www.izn.uni-heidelberg.de/en/teaching/neuroscience-summer-school-2025](http://www.izn.uni-heidelberg.de/en/teaching/neuroscience-summer-school-2025)



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## Objectives

The program features **lectures and mentorship from top neuroscientists and researchers from Sorbonne University and renowned centers of Neuroscience in Paris (including the Paris Brain Institute, NeuroSU and Pasteur Institute) and Heidelberg University – IZN as well as its cooperating partners**, giving students unique exposure to cutting-edge research and thought leaders in the field.

During **brainstorm sessions**, participants design new experiments to complement their own research projects based on the approaches and models presented by the experts.

The summer school provides a **platform for young researchers to present their work and exchange views with experts during a whole week.**

Beyond the scientific exchanges, the program includes a **round table with editors** to reflect on publication strategies and reviewing policies in science.

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## Schedule

	Sunday, July 6	Monday, July 7	Tuesday, July 7	Wednesday, July 8	Thursday, July 8	Friday, July 9	Saturday, July 9
9:00	travel day	<b>Christelle Rochefort:</b> "Deciphering cerebellar functions in autism: evidence from mouse studies"	<b>Pei Chi (Peggy) Wei:</b> "Replication stress and clonal expansion shape brain genome mosaicism"	<b>Science Publishing: Current and Future Approaches</b> Sara Monaco (Review Commons), Jasmin Schmitz (ZB MED), speaker 3 (tba)	<b>Pauline Speder:</b> "Home-Makers: Glia as architects of the neurogenic niche"	<b>Ulrike Müller:</b> "Beyond Amyloid: Harnessing the physiological functions of APP for therapy"	travel day
10:30		coffee break	coffee break	coffee break	coffee break	coffee break	
11:00		<b>Clévio Nóbrega:</b> "From RNA dysfunction to cerebellar degeneration: insights from SCA2 and SCA3"	<b>Bassem Hassan:</b> "Links between development and degeneration"	<b>Science Publishing: Current and Future Approaches</b>  Round table discussion	<b>Oliver Kann:</b> "Microglia-neuron interactions in neuroinflammation"	<b>Morgane Locker:</b> "Regenerating the eye : mechanistic insights from amphibian models of retinal degeneration"	
12:00		discussion	discussion		discussion	discussion	
12:30		Lunch in the castle	Lunch in the castle	Lunch in the castle	Lunch in the castle	Lunch in the castle	
14:00		Poster Session	Poster Session	<b>Social activities, including boating on the Nahe River</b>	Poster Session	Poster Session	
15:00		Brainstorm in groups	Brainstorm in groups		Brainstorm in groups	Brainstorm in groups	
16:30		coffee break	coffee break		coffee break	coffee break	
17:00		Presentation of brainstorm results	Presentation of brainstorm results		Presentation of brainstorm results	Presentation of brainstorm results	
18:00		free time	free time		free time	free time	
18:30	Social and dinner in town						
19:00		Dinner in the castle	Dinner in the castle	Dinner in town	Dinner in the castle	Dinner in town	

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## Target audience:

- Junior postdocs
- PhD students
- Senior MSc students

## Some comments from last year's edition:

- *You've set the bar really high with this first summer school! Can't wait to see how you'll top this next year!"*
- *It was a really nice program you put together and I really liked that all the PIs took the time to stay for the entire summer school. That way, we had the chance for very good scientific and personal exchange. Thank you very much for your effort!*
- *Thanks a lot for the great organisation, it was very interesting and a lot of fun!*

## Financial Contributors:



FoundationBrainAid



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