



# ALAMBIC team seminar day

June 17th 2022

Auditorium Fernand Gallais - LCC



9h30

**Geneviève Pratviel (LCC)**

Targeting and cleavage of DNA by metalloporphyrins

10h30

**Clément Rulmont**

New specific copper (I) chelators in Alzheimer's disease context

Coffee break

11h00

**Nicolas Delsuc (ENS-PSL Paris)**

Setting-up a combinatorial strategy to discover efficient catalysts mimicking antioxidant metalloenzymes

12h00

**Lucie de Cremoux**

Self-assembly properties of murine versus human amyloid-beta peptide can not explain why mice do not develop Alzheimer's disease

12h15

**Max Perlot**

Synthesis of copper (I) fluorescent ligands in Alzheimer's disease context

Lunch

14h00

**Sébastien Balme (IEM Montpellier)**

Single nanopore sensing to investigate protein aggregation and to develop diagnosis tool for proteinopathies

15h00

**Liz Lagarde**

Study of the interactions between lanthanides and the A $\beta$  peptide

15h15

**Margot Lefevre**

New ATCUN peptides to prevent ROS formed by amyloid- $\beta$  bound copper: evidence for a sequence - activity relationship

Coffee break

15h50

**Adèle Brison**

Influence of porphyrins on amyloid- $\beta$  self assembly

16h05

**Lauriane Oriol**

Spectroscopic characterizations of the Ln(III)-PQQ cofactor of Lanthanide Methanol Dehydrogenases

16h20

**Marielle Drommi**

Study of the hydrolytic cleavage of peptide bond by complexes

Everyone is welcome to the seminar day !

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**9h30 Geneviève Pratviel (LCC)**  
Targeting and cleavage of DNA by  
metalloporphyrins

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**11h00 Nicolas Delsuc (ENS-PSL Paris)**  
Setting-up a combinatorial strategy to discover  
efficient catalysts mimicking antioxidant  
metalloenzymes

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Département de  
**CHIMIE**

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**14h00 Sébastien Balme (IEM Montpellier)**  
Single nanopore sensing to investigate protein  
aggregation and to develop diagnosis tool for  
proteinopathies

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Institut  
Européen des  
Membranes



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