

**Programme Mini-Symposium du Programme Doctoral Sorbonne  
Université/Institut Pasteur**

**Mercredi 22 février 2023, Sorbonne Université, Campus Pierre et Marie Curie,  
Building C, Conference Room C404, Barre Cassan**

**9h00-9h15:** Introduction- Chahrazade El Amri & Jean-Pierre Vartanian

**9h15-9h45:** Aziz El Amraoui, Institut Pasteur-Institut de L'audition, «**Gene therapies for congenital or progressive hearing and balance deficits: different causes, different outcomes**»

**9h45-10h15:** Arnaud Gautier, SU-FSI, Laboratoire des Biomolécules, « Chemogenetic tools for imaging, sensing and controlling cell biology »

**10h15-10h30:** Marie Royer, «**Quantitative modelling of  $\beta$ -lactam resistance in *Klebsiella pneumoniae***» (Philippe Glaser, Institut Pasteur et Claude Lovedo, LJP, IBPS)

**10h30-10h45:** Kyle Raymond, «Impact of hypoxia on mitochondrial network damage and genomic stability» (Jean Pierre Vartanian, Institut Pasteur, Bertrand Friguet, IBPS-SU)

**Pause-Café**

**11h00-11h15 :** Gabrielle Dupuis, «Rôle de facteur de virulence ExoY de *Pseudomonas aeruginosa* dans la réponse des cellules pulmonaires des patients atteints de mucoviscidose» (Undine Mechold Institut Pasteur, Olivier Tabary CRSA-SU)

**11h15-11h30 :** Jean David Randrianaly, «Toxicity of intracellular amyloid in AD : towards targeted therapy» (Benoît Delatour ICM-SU, Pierre Lafaye, Institut Pasteur)

**11h30-11h45:** Amandine Maire, «Impact of genetic diversity on the fitness of *E. coli* in the healthy and inflamed gut environment »(David Bikard Institut Pasteur, Harry Sokol CRSA-SU)

**12h00-12h15:** Yasmine Achat, « Molecular mechanism controlling the ADGRV1 activity, a GPCR protein involved in deafness and blindness (Nicolas Wolff Institut Pasteur, Bruno Collinet, IMPMC-SU)

**12h15-12h30 :** Sonny Yde, «Role of hepatocyte mitochondrial dysfunction in NAFLD onset and progress» (Fabienne Fougelle SU-Les Cordeliers, Timothy Wai, Institut Pasteur)

**12h30- 13h :** Echange sur le programme doctoral et lancement de l'édition 2023