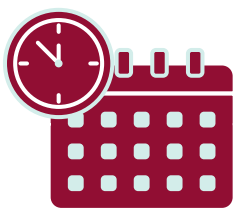


# MICROB'UP Webinar

Friday, March 17, 2023



17 March 2023



From 11 am to 12h15



ZOOM, follow the link bellow

<https://u-paris.zoom.us/j/87650633787?pwd=cWRJdmFSbk9FL3dQSWdhUGcxN3hLUT09>

ID de réunion : 876 5063 3787 ; Code secret : 869665

**11H00**

**Lucie Etienne-Mesmin**

Université Clermont Auvergne

*In vitro gut models reveal how microplastics interact with human microbiome in adults and infants*

Lucie Etienne-Mesmin is associate professor at Université Clermont Auvergne (MEDIS lab). She is working on the impact of positive (e.g. prebiotics, probiotics) or negative (e.g. diarrheagenic *E. coli*, microplastics) intrants on the human gut microbiota, with an expertise on in vitro digestive simulation.

**11H45**

**Erica Bonazzi**

Institut Cochin

*Human microbiota-based personalized response to colitis during dietary fibers exposure – importance of in vitro microbiota-based screening approach*

Erica Bonazzi is a PhD student at the Institut Cochin under the supervision of Benoit Chassaing. She is interested in the evaluation of the impact of different external factors (such as diet) on the modulation of gut microbiota.

**12H00**

**Zoya Dixit**

Institut Cochin

*Exploring the fitness of *E. coli* natural isolates in human microbiota using an in vitro gut model and molecular barcodes*

Zoya Dixit is a PhD student working in the Quantitative Evolutionary Microbiology team supervised by Prof. Olivier Tenailon. She use synthetic biology to modify the genome of *E. coli* natural isolates and study their evolution in ecology of human gut microbiota.