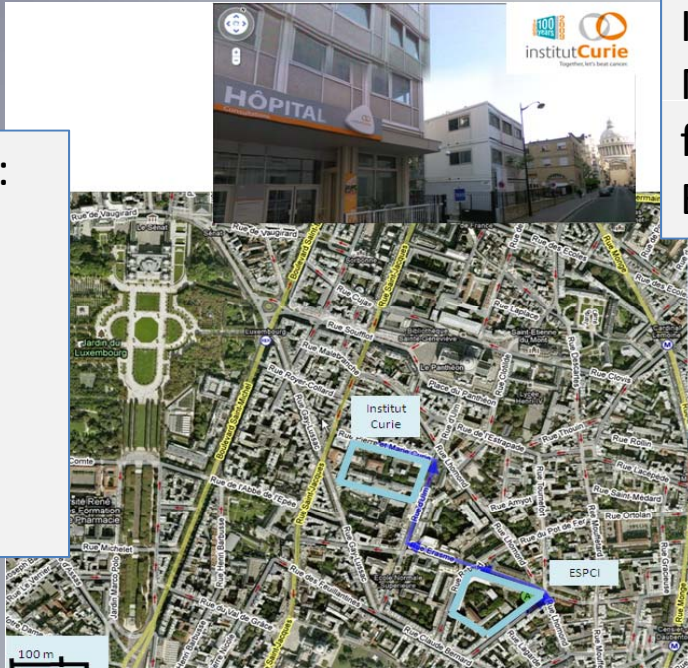


# Proteomics Platform Montagne Ste Geneviève (MSG, ESPCI/Curie)

Coordinator of the platform: Joëlle Vinh

Partnership: CNRS, ESPCI, Institut Curie, RTRA Fondation PGDG, IBiSA, ParisTech, Ville de Paris, INCa

Localization:  
Paris  
downtown  
(5th),  
Montagne  
Sainte  
Geneviève



Inst. Curie: Damaris Loew, LC ESI MS/MS and MALDI MS/MS, 5 engineers, working as service facility, 250 m<sup>2</sup>, 3 MS instruments (ESI Orbitrap, ESI Qstar, MALDI TOFTOF), 2DE

ESPCI Joelle Vinh, LC ESI FTICR and MALDI MS/MS, 2 research scientists, 2 engineers, working as CNRS USR, 250 m<sup>2</sup>, 3 MS instruments (ESI LTQ-FT, MALDI Orbitrap, MALDI TOF/TOF)

Coordination of the web site of RENa2P (IBiSA Protéomics Platform National Network)

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## Technological Specificities:

- 2D LC
- LC MALDI orbitrap
- LC ESI FTICR

## Scientific projects

- Cancer (institut Curie)
- Abeta partners in Alzheimer disease
- Immunoreactive cascade induced by bacterial (IMD pathway) or viral infection (DICER2 pathway)
- Allergen identification in plants pollens
- Gum characterisation in CADASIL (orphan neurodegenerative disease)
- Fluorescence and MS combination for redox studies
- Chemiometry for ESI/MALDI complementarity
- Label free quantification evaluation

## Formation/Teaching

- Professional training: 10 scientists hosted for 1 week each year in the lab
- ESPCI teaching 10h theor. (BAC+3) and 135h practic. (Mol. Biol & et Biochem)
- 2 Ph.D, 1 engineer, 1M2, 2 BTS