

Anna Sartori-Rupp (Nanoimaging cryoEM facility, Institut Pasteur, Paris) and Nicolas Wolff (Receptor Channel Unit, Institut Pasteur Paris) are looking for an excellent and highly motivated PhD student to investigate the **molecular organization of the hearing system at the nanoscale** by combining **cryo-electron tomography** and **super resolution optical microscopy** on intact tissue samples.

This project associates two teams of **Institut Pasteur, Paris**: the cryo-EM facility (A. Sartori-Rupp) and the Receptor-Channel unit (N. Wolff). The Pasteur-Paris University International Doctoral Program (PPU) for PhD funding has just being announced.

For more information about the project please follow these links:

<https://www.pasteur.fr/en/ppu/RT#2022-proposed-scientific-projects>

&

<https://research.pasteur.fr/fr/team/group-nicolas-wolff/>

<https://research.pasteur.fr/fr/member/anna-sartori-rupp/>

<https://research.pasteur.fr/fr/team/nanoimaging/>

The deadline is mid-November.

The candidates will have the **cutting-edge optical and cryo-electron microscopy infrastructure and expertise of Institut Pasteur** at his/her disposal, including a STED microscope, and a TitanKrios G3i Cryo-TEM equipped with a SelectrisX imaging filter & a Falcon4i direct electron detector, an Aquilos cryo-FIB/SEM system with cryo-lift-out and iFLM module and a Leica cryo-CLEM cryo-fluorescent microscope.

Informal enquiries by email are welcome. Please send them to anna.sartori-rupp@pasteur.fr and nicolas.wolff@pasteur.fr.

Please forward this email so potential candidates can contact us directly to discuss further.

We encourage potential candidates to apply and join us on this exciting project in a unique scientific environment in the very heart of Paris!

Best wishes

Anna Sartori-Rupp and Nicolas Wolff