

Position for Optics/Microscopy expert *Institut Pasteur Paris*

The Institut Pasteur Unit for Technology & Services Photonic BioImaging ([UTechS-PBI-Imagopole](#)) is recruiting a full-time permanent faculty level research engineer.

Our large team of some 15-20 scientists and engineers provides scientific services to support research using light-based imaging technologies to study biology *in situ*. We support mainly the 120 research units of the *Institut Pasteur Paris*, and external academic and industrial partners.

Our facilities are fully equipped with over thirty systems covering the gamut of wide-field and laser illumination based imaging systems for cell, tissue and whole organism studies of infection in BSL2/BSL3 conditions. Our technology park includes high-speed confocal spinning-disk, light-sheet fluorescence, and super-resolution; plus an array of robotics and automated imaging-systems capable to scale bench-side cell-based assays up to small-to-moderate sized chemical/genomic screening campaigns (100's – 1000's of sample conditions). In addition to light sheet and two-photon imaging we also harbor a fully equipped BSL3 level *in vivo* imaging space equipped for fluorescence, lifetime, and luminescence studies in intact models and *in vitro* biochemical assay. In addition our service offering includes high-level research & development activities across the domain including, for example, photoactivatable chemiluminescent and fluorescent probes, hardware and firmware for enhanced light illumination control, and biologics for relevant rationalized phenotypic assay design.

In this context we are looking for a scientist with experience and training in optics (*e.g.* physics, biophysics, advanced microscopy, laser spectroscopy, or other related disciplines) to join us a senior scientific engineer able to contribute to all aspects of our activities and especially to R&D.

Ideal candidates will have, in addition to appropriate qualifications and experience, the ability to communicate in professional level English, at least 3 years post PhD experience, and be team players capable to self-start in a fast moving, busy scientific services environment dealing with hundreds of users and projects.

The position is based at the *Institut Pasteur Paris* where compensation will be commensurate with qualifications and prior experience, and we offer our permanent staff excellent benefits and paid vacation. We are an equal opportunity employer and encourage all qualified applicants regardless of gender, ethnicity, or disability. All applicants will be considered, and other possibilities exist in addition to the announcement.

We are eager to move forwards with the right candidates as soon as they are identified. Interested individuals should please contact Professor Shorte & Dr. Aulner by email sshorte@pasteur.fr & nathalie.aulner@pasteur.fr, or by phone +33 1 40 61 3914 (assistant Ms. Da Agra; cidalia.da-agra@pasteur.fr). If possible, including a resume/CV and letter of motivation; plus the name of two references.