

*Postdoc
position*

Identification of molecular events at the contact of cells with (nano)material by multimodal super-resolution microscopy

Where

Laboratory of Biophysics at “Jožef Stefan” Institute, Ljubljana, Slovenia

About our work

We are studying mechanisms how inhaled particulate matter triggers the development of adverse health outcomes (e.g. lung fibrosis, cardiovascular disease, neurodegeneration), focusing on early events that would enable fast *in vitro* prediction.

About you

PhD of natural sciences – physics, biochemistry, molecular biology, or similar. Passionate in the lab, enthusiastic to learn, keen to work in a multidisciplinary team. Experience with cell culturing, fluorescence microscopy, and/or programming desired. Solid English communication skills required.

Your tasks

Live-cell multimodal microscopy (including super-resolution STED), image analysis.

In collaboration with

Our spin-out company Infinite Biotech and other partners of the recently started EU project nanoPASS that we coordinate.

When

As early as you can, preferably before summer
For 2 years (3-month test period)

More info

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Application

by 15 March 2023