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Description :

NanoExplore involves six partners from five countries: Greece, UK, Spain, Italy, and Switzerland. Switzerland is represented by Unisanté, the Center for Primary Care and Public Health, University of Lausanne, Department of Occupational and Environmental Health (DSTE).

EU Life project “Integrated approach for exposure and health effects monitoring of engineered nanomaterials in workplaces and urban areas” (NanoExplore), aims to develop and demonstrate the feasibility of an integrated approach to conduct biomonitoring studies, characterize exposure levels and elucidate possible health effects deriving from exposure to engineered nanomaterials (ENM) in indoor workplaces and urban areas.

This task will integrate the results (models and feasibility tests) from the other Actions and Tasks, towards the development of appropriate epidemiological protocol adapted to workplaces in which nanomaterials are produced/used/disposed.

Missions :

In frame of this task, Unisanté opens a **post-doctoral research position for 18-month duration** (November 2019-March 2021) based in Lausanne (Switzerland).

The Post-doctoral researcher is expected to:

- Determine the most suitable study design for a pilot collaborative biomarker study;
- Calculate the size of study population, that would maximize the statistical power of the study under the realistic conditions;
- Elaborate the most efficient and feasible strategy of recruitment of companies and individuals;
- Elaborate a harmonized study protocol for the first international collaborative study of individuals exposed to ENM;
- Conduct a pilot biomonitoring study demonstrating the feasibility of the harmonized protocol of the collaborative study and refine the NanoExplore integrated approach in a well-characterized sample of workers.

Profile:

- PhD diploma in epidemiology or public health;
- Strong background in life sciences (toxicology, pharmacology, or medicine);
- Solid knowledge of epidemiological study designs (controlled clinical trials and semi-experimental panel studies) and approved skills in medical statistics;
- Fluent in English, knowledge of French.

If you are interested in this position, you are invited to send your application online (cover letter, CV, work certificates, diplomas) <https://emploi.pmu-lausanne.ch/>

Only applications received via our application will be considered.