

YOUR ORGANISATION DETAILS

Organisation	CHU Brugmann	Department	Nephrology/Dialysis
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Country	Belgium	PIC/VAT n°	997579623

Organisation type

Research organisation type	☐ Research Organisation	Is your company a Small and Medium Sized Enterprise (SME¹)?	☐ YES ☒ NO
	☐ University		
	☐ Company		
	☒ Other (specify): Hospital.....		
Number of employees:			

Short introduction of key areas of research:

Development of Point of Care using the biotechnology to provide assessment (identification and quantification of biomarker related to inflammation, infection, endothelial injury and fibrosis) in the urine and/or blood. Connected to the Telehealth platform (medical device class 1a, CE labelled on the market) for home remote monitoring of patients with kidney diseases (kidney transplantation, kidney stone, chronic kidney diseases), cardiovascular disease (arterial hypertension and heart failure), oncology (renal toxicity monitoring of chemotherapy and new biotherapy)

Former participation in a FP7, Horizon 2020 or Horizon Europe?

☒ YES Yes, pathfinder submitted for another research area.

If you are offering your expertise and wish to join a consortium, fill "**CONSORTIUM SEARCH**"

Bear in mind that the document is meant for dissemination so beware of [IPR](#) and make sure the information can be shared publicly.

Date

9/3/2023

I agree with the publication of my contact data: ☒ YES

FOR CONSORTIUM SEARCH

¹ Your enterprise is an SME if:

- it is engaged in **economic activity**
- it has **less than 250 employees**
- it has either an **annual turnover not exceeding €50M**, or an **balance sheet total not exceeding €43M**
- it is **autonomous**

For the definition of SMEs, look at: http://ec.europa.eu/growth/smes/business-friendly-environment/sme-definition_en

Description of your expertise:

Clinical expertise in management of patients with acute and chronic kidney injury using urinary biomarker. Physical chemistry, expert in microfluid, bioelectronics devices (point of care application). Design, development, manufacturing of medical device (software and hardware).

Keywords specifying your expertise:

Point of Care; medical device; microfluidic electronic devices; urinary biomarker; nephrotoxicity related to chemotherapy

Commitment offered:

☒ Research ☒ Demonstration ☒ Training
☒ Technology ☒ Dissemination ☒ Other: Clinical trial

Interested in participation in project types:

☒ Research & Innovation Action X
☒ Innovation Action X
☐ Coordination & Support Action

☐ EIC Pathfinder X
☐ EIC Transition

Work Programme research areas: indicate your interest

Oncology; Biotherapy; Cardiovascular disease; Development of medical devices

Call topic(s) [HORIZON-HLTH-2023-TOOL-05-04: Better integration and use of health-related real-world and research data, including genomics, for improved clinical outcomes \[ec.europa.eu\]](#)
[HORIZON-HLTH-2023-TOOL-05-05: Harnessing the potential of real-time data analysis and secure Point-of-Care computing for the benefit of person-centred health and care delivery \[ec.europa.eu\]](#)

Do you already have other partners for this topic (which partners/country)?

Université du Luxembourg, Department of Engineering (Inés Chihi, assistant professor in measurement techniques and sensors technology)
Southwestern University, Dallas, Texas, USA, Prof Sakhaee, PAK Center (key opinion leader in Nephrology and kidney stone)
Marcin Szymon Filipiak, Poland

FOR PARTNER SEARCH

Role

☐ technology development	☐ research	☐ training
☐ dissemination	☐ demonstration	☐ other _____

Do you need a coordinator?

☐ YES ☐ NO

Country / region of preference:

Expertise required:

Short abstract of the project idea:

Work Programme research areas: indicate your interest

Call topic(s): e.g. *HORIZON-CL5-2021-D5-01-16: Assessment of noise and particle emissions of L category vehicles from real driving conditions*

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