

Date Deadline **CONTACT**

Organisation	National Institute of Chemistry	Department	Department of Molecular Biology and Nanobiotechnology
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Country	Slovenia		

Organisation type

Research organisation type	<input checked="" type="checkbox"/> Research Organisation	Is your company a Small and Medium Sized Enterprise (SME*)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	<input type="checkbox"/> University		
	<input type="checkbox"/> Company		
	<input type="checkbox"/> Other		
		Number of employees:	

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

Short introduction of key areas of institute's research:

The National Institute of Chemistry is a scientifically excellent, established and breakthrough research institution in Europe and the second largest natural sciences research institute in Slovenia with 374 employees (31. 12. 2021), of which around 331 carry out research work in 9 departments and two infrastructure centers. Through our cutting-edge research, we are enriching the global treasury of knowledge and working together to solve the most pressing challenges faced by society. Health, sustainable energy, climate change, circular economy and safe food are the most important among them. We measure our research goals in surpluses that push the boundaries of science and create new values. We successfully transfer knowledge to the industrial environment, thus supporting the placement of science in societal development in the long run.

Former participation in an FP European project? YES NO**Project title / Acronym:** UNCAN.eu, PARC**Activities performed:** Research**Expertise / Commitment offered****Description of your expertise:**

To date, over 200 noncanonical amino acids (ncAAs) have been site-specifically incorporated into proteins. Applications of these ncAA-containing proteins range from the production of designer biomaterials and tissue engineering to whole-organism biocontainment. NcAAs can make proteins resistant to proteolysis, increase their stability under denaturing conditions, or enable photoinducible

changes in protein activity. **We offer our expertise in the preparation of various ncAA-containing protein targets for any desired purpose.**

Keywords specifying your expertise:

ncAA-containing protein targets

Commitment offered:

Research Demonstration Training
 Technology Dissemination Other:

Interested in participation in project types:

Research & Innovation Action Innovation Action SME Instrument

Work Programme research areas: indicate your interest

Horizon Europe WP 2023-2024 - Part 4. Health

Call topic(s):

HORIZON-HLTH-2023-ENVHLTH-02-03: Health impacts of endocrine-disrupting chemicals: bridging science-policy gaps by addressing persistent scientific uncertainties

HORIZON-HLTH-2024-TOOL-05-06-two-stage: Innovative non-animal human-based tools and strategies for biomedical research

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

No. We would like to be partner in a consortium.

Profile of partner sought

Role

<input type="checkbox"/> technology development	<input checked="" type="checkbox"/> research	<input type="checkbox"/> training
<input type="checkbox"/> dissemination	<input type="checkbox"/> demonstration	<input type="checkbox"/> other _____

Country /region

Expertise required

I agree with the publication of my contact data:

YES

NO