

Partnering Opportunity

Profile Status: Published

Research & Development Request

Horizon 2020- MSCA-ITN-ETN European Training Networks: Pharma and Biotechnological Industry partners sought for a MSCA-ITN-ETN proposal

Summary

A Hungarian research and technology organization (RTO) is looking for partners from pharma and biotechnological industry to join a H2020 MSCA-ITN-ETN European Training Networks proposal. The proposal will set out a training network including experts from both academic and private enterprises, addressing the various aspects of non-natural peptidic compounds.

Creation Date	14 November 2019
Last Update	14 November 2019
Expiration Date	16 December 2019
Reference	RDHU20191114001
Public Link	https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/8e34b2ef-e06c-4f5a-8f49-fcf97a039f47

Details

Description

The task of the Hungarian RTO is to explore new functional and structural materials and related chemical technologies in the fields of sustainable environment and sustainable health. In the second field, focus is on soft materials important in medical biology, drug carriers, biosensors, and processes taking place in them.

The synergy of their widespread expertise helps to work out interdisciplinary research issues. By answering basic research questions, their research projects are aiming at solving certain social – economic – environmental problems.

The consortium applied for H2020-MSCA-ITN-ETN call in January 2019 but the project was not awarded. They would like to apply again in January 2020 and they wish to find further consortial partners.

The outlined research field is closely related to research actively performed already by the participants of the constellation. Some of the supportive results are fully available via publications. The project proposal aims to deepen the complementary understanding in related areas as well as reach prototype molecular scaffolds ready for specific pharmaceutical-biotechnological developments.

They are looking for partners from the areas of expertise listed below:

Biotechnology
Bacterial test
Oncological test
Protein engineering
Peptide sequences
Trans-bilayer transportation
Pharmacological investigation

The optimal partner should provide complementary expertise in the outlined field, potentially in testing either pharmaceutical or biomedical applicability of the compounds developed.

Recruitment/fellowship duration: 3-36 months

Deadline for call: 15 January 2020

Deadline for EOI: 16 December 2019

Advantages and Innovations

The project will aim to reach, by design and investigation, peptidic compounds offering higher selectivity and higher affinity in peptide-protein or peptide-biomembrane interactions, improved metabolic stability, and slower clearance (via efflux).

Stage of Development

Proposal under development

Keywords

Technology

05001002	Computational Chemistry and Modelling
05001004	Organic Chemistry
06002001	Biochemistry / Biophysics
06002004	Protein Engineering
06002010	Toxicology

Market

04005	Biochemistry / Biophysics
04007	Enzymology/Protein Engineering/Fermentation
04011	Molecular design
04012	Toxicology

05002005

Other medical imaging

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

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Open for EOI : **Yes**

Dissemination

Relevant Sector Groups

Healthcare

Client

Type and Size of Organisation Behind the Profile

R&D Institution

Year Established

0

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English

Ref: RDHU20191114001

Hungarian
Swedish
German
Russian

Client Country

Hungary

Partner Sought

Type and Role of Partner Sought

To strengthen the consortium the RTO is looking for SMEs (Small or Medium Enterprise) from Western Europe: biotechnological SMEs focusing on pharmacological investigation capable of performing diverse protein engineering tasks and LE (Large Corporate) from Western Europe: interested in development of peptide-based bioactive compounds.

Type and Size of Partner Sought

SME 11-50, SME <10,251-500, SME 51-250

Type of Partnership Considered

Research cooperation agreement

Program - Call

Framework Program

Marie Skłodowska-Curie Actions

Call title and identifier

Marie Skłodowska-Curie Innovative Training Networks |

Call ID:

H2020-MSCA-ITN-2020

Submission and evaluation scheme

single-stage submission scheme

Coordinator Required

No

Deadline for EOI

16 Dec 2019

Deadline of the Call

14 Jan 2020

Weblink to the Call

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/msca-itn-2020>