

**Partner Search Form
Horizon Europe
Health**

Date 13 06 2023

Deadline 19 09 2023

CONTACT

Organisation	INITIO Cell Biyoteknoloji A.S.	Department	R&D
Contact person	Devrim Pesen Okvur	Email	dpo@initiocell.com dpesenokvur@gmail.com
City	Izmir	Website	initiocell.com
Country	Turkey		

Organisation type

Research organisation type	<input type="checkbox"/> Research Organisation <input type="checkbox"/> University <input checked="" type="checkbox"/> Company <input type="checkbox"/> Other	Is your company a Small and Medium Sized Enterprise (SME*)? Number of employees: 4	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
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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:

Organ-on-chip devices and assays for precision medicine with a focus on cancer.

Former participation in an FP European project?

YES NO

Project title / Acronym:

Activities performed:

Expertise / Commitment offered

Description of your expertise:

INITIO Cell Biyoteknoloji A.S. was founded in 2021 to develop organ-on-chip devices and assays for precision medicine. Our products enable pharma/biotech companies transform their drug development via functional rather than descriptive tests. Unlike existing solutions, our products determine the metastatic potential and the metastasis sites, determine drug dose response with 10-fold reduced cost, create value for both diagnostics and therapy. From cancer to antibiotic resistance, our products and services reduce the need for animal testing and provide low cost solutions. Initio Cell's long-term goal is to have a sustainable drug discovery process

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implemented via collaborations with both academia and biotechnology and pharmaceutical industries. In the short term, we plan to provide existing and new products and services to our customers.
Products and services include: Disposable OOC devices for drug discovery, CRO services and image analysis services.
We have two OOC platforms on the market: DDI-chip (distance dependent interactions) and IC-chip (invasion-chemotaxis). We are developing two new OOC platforms, one for determining drug response in combination therapy and one advanced modeling of healthy and disease microenvironments.

Keywords specifying your expertise:

Organ-on-chip, microphysiological system, precision medicine, cancer, drug discovery, metastasis

Commitment offered:

Research Demonstration Training
 Technology Dissemination Other:

Interested in participation in project types:

<input checked="" type="checkbox"/> Research & Innovation Action	<input checked="" type="checkbox"/> Innovation Action	<input checked="" type="checkbox"/> SME Instrument
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Work Programme research areas: indicate your interest

Health

**Call topic(s):
HORIZON-HLTH-2024-TOOL-05-06-two-stage**

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

Izmir Institute of Technology, Turkiye
Dokuz Eylul University School of Medicine, Turkiye

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

EU countries eligible to apply to the call

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Expertise required

Access to patient liquid and/or solid biopsy
and/or
Synthetic hydrogels for 3D cell culture
and/or
Drug discovery
and/or
Immunology

I agree with the publication of my contact data:

YES

NO