

Partner Search Form
Horizon Europe
Health

Date 13 06 2023

Deadline 19 09 2023

CONTACT

Organisation	Izmir Institute of Technology	Department	Molecular Biology and Genetics
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Country	Turkey		

Organisation type

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

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.

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Former participation in an FP European project?

YES NO

Project title / Acronym:

Research, innovation and training activities.

Activities performed:

Over the past 10 years, IZTECH has successfully participated in 36 (22 completed and 14 ongoing) European Union funded projects valued at more than € 6 million. Current projects include:

- Horizon Europe – 101112731: Climate Adaptation and Resilience Demonstrated In the Mediterranean region (CARDIMED) (2023- present)
- Horizon Europe – 101081373: Biomedical Technologies and Innovation Doctoral Programme (BIOTIN) (2023- present)
- Horizon Europe – 101081373: Secured and Intelligent Massive Machine-to-Machine Communications for 6G (SCION) (2023- present)
- Horizon Europe – 101058163: CRM-geothermal: Raw materials from geothermal fluids: occurrence, enrichment, extraction (CRM-Geothermal) (2022-present)
- Horizon Europe – 101079948: EYES HEARTS HANDS Urban Revolution (EHHUR) (2022- present)
- Horizon Europe – 101094416: Piloting open and responsible Activities and Trainings Towards the Enhancement of Researchers Networks (PATTERN) (2022- present)
- Horizon Europe – 101096943: Re-Valuing Urban Quality & Climate Neutrality in European Waterfront Cities (Re-Value) (2022- present)
- Horizon 2020 – 101029653: Biomimetic Restoration of Tooth Dentin via Deep Mineralization (REDEEM) (2021- present)
- Horizon 2020 – 963646: High-performance Modular Battery Packs for Sustainable Urban Electromobility Services (HELIOS) (2021- present)
- Horizon 2020 – 850626: Redefining geothermal fluid properties at extreme conditions to optimize future geothermal energy extraction (REFLECT) (2020-present)
- Horizon 2020 – 823903: Ultra-Dence Unsupervised Heterogeneous Wireless Cloud Coded Networks for 5G/B5G (RECENT) (2018- present)
- Horizon 2020 – 730426: New Strategy for Re-Naturing Cities through Nature-Based Solutions (URBANGREENUP) (2017- present)

Expertise / Commitment offered

Description of your expertise:

As a Research University, IZTECH is formed by the combination of high-targeted graduate programs and expert researchers from different disciplines and is directed towards strategic research areas such as energy, biotechnology and nanotechnology. In order to assist IZTECH in this endeavour, 11 thematic research centers have been established since 2001 including:

- Center for Materials Research (<http://mam.iyte.edu.tr/en/>)
- Geothermal Energy Research and Application Center (<http://geocen.iyte.edu.tr/en>)
- Environmental Development Application and Research Center (<http://cevrearge.iyte.edu.tr/>)
- Biotechnology and Bioengineering Application-Research Center (<http://biyomer.iyte.edu.tr/en>)
- National Mass Spectroscopy Center (<http://biomassspec.iyte.edu.tr>)

Keywords specifying your expertise:

Cancer cell biology, molecular biology, 3D cell culture, imaging

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Commitment offered:

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Research | <input type="checkbox"/> Demonstration | <input checked="" type="checkbox"/> Training |
| <input checked="" type="checkbox"/> Technology | <input checked="" type="checkbox"/> Dissemination | <input type="checkbox"/> Other: |

Interested in participation in project types:

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> Research & Innovation Action | <input checked="" type="checkbox"/> Innovation Action | <input type="checkbox"/> SME Instrument |
|--|---|---|

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)?

INITIO Cell Biyoteknoloji A.S., 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

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