

Advancing bio-printing of living cells for regenerative medicine

Horizon Europe

● PENDING

Code

HORIZON-HLTH-2027-03-TOOL-02

Scope

International

Location

Europe

Curator

Marlene Faria

FINANCIAL DETAILS

Support type

Non-Refundable

Maximum Funding Rate

100%

Budget

39.3M€

Eligible Project Value

7M€ - 10M€

DATES & DEADLINES

Publication Date

Not defined

Opening Date

June 3, 2027

Fase única

September 16, 2027 at 05:00 PM GMT+2

DESCRIPTION

Objectives

This topic aims to advance functional 3D bioprinting of living cells for regenerative medicine , supporting the translation of promising preclinical approaches into clinically relevant solutions. Projects should develop complete bioprinting units capable of producing personalised, tissue-specific living constructs for the repair or regeneration of damaged tissues and internal organs.

The expected results should provide biomedical researchers with integrated bioprinting systems, give healthcare professionals evidence on their safe and effective use, and offer healthcare providers new tools for conditions with unmet medical needs. Patients should ultimately benefit from regenerative solutions adapted to their individual anatomy and clinical condition.

Funding

Funding is provided under a Horizon Europe Research and Innovation Action (RIA) . The topic has an indicative budget of €39.3 million , with approximately four projects expected to be funded. The anticipated EU contribution ranges between €7 million and €10 million per project , although proposals requesting different amounts may be considered where appropriately justified.

As a Research and Innovation Action, projects may receive funding of up to 100% of eligible costs , in accordance with Horizon Europe rules. The official Work Programme indicates a single-stage procedure , opening on 3 June 2027 and closing on 16 September 2027 .

ELIGIBLE EXPENSES

- Personnel Costs
- Travel costs
- Equipment costs
- Other goods, works and services costs
- Subcontracting
- Indirect Costs

ELIGIBILITY

Application Mode

Consortium / Copromotion

Eligible Sectors

- Health & Life Sciences
- ICT & Software

Company Typologies

- Micro
- SME
- Small Mid-Cap
- Mid-Cap
- Large
- Private non-profit entities
- Public entities

Action Types

- Research and innovation
- Digital technology development
- Biomedical tool development
- AI-based health solutions

■ Health data integration

EU PROGRAMME DETAILS

Call ID	Cluster
HORIZON-HLTH-2027-03-TOOL-02	Health
Destination	Submission Mode
D5. Developing and using new tools, technologies and digital solutions for a healthy society	Single-stage
EU Contribution	Expected Projects
Around €7,000,000.00 to €10,000,000.00 per project	4
Funding Rate Rule	
Up to 100% of eligible costs for Research and Innovation Actions (RIA)	

OFFICIAL LINKS

Official Regulation

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-HLTH-2027-03-TOOL-02?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORIZON-HLTH-2027-03-TOOL-02&isExactMatch=true&status=31094501,31094502,31094503>

Grantavia page

<https://grantavia.com/en/incentives/advancing-bio-printing-of-living-cells-for-regenerative-medicine>

Schedule a meeting

<https://calendly.com/sandra-cardoso-epsa/reuniao>