

Virtual Human Twin (VHT) Models for Cancer Research

Horizon Europe

CODE	SCOPE
HORIZON-MISS-2026-02-CANCER-01	International
LOCATION	STATUS
Europe	Open
PROGRAM	CURATED BY
Horizon Europe	Maria Macedo
GENERATED AT	
June 8, 2026	

Financial Details

SUPPORT TYPE	MAXIMUM FUNDING RATE
Non-Refundable	100%
BUDGET	ELIGIBLE PROJECT VALUE
35M€	Up to 9M€

Dates & Deadlines

PUBLICATION DATE	OPENING DATE
Not defined	February 10, 2026

Application Phases

- Deadline: September 15, 2026 at 03:00 PM (100 days left)

Objectives

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This incentive aims to advance cancer research by supporting the development of innovative multiscale Virtual Human Twin (VHT) models. The primary objective is to expand the understanding of cancer onset and progression, particularly for cancers with limited treatment options, unclear biological mechanisms, refractory cancers, rare cancers,

Information curated by Grantavia. Always confirm final details in the official regulation before preparing an application.

early-onset cancers, and types with low five-year survival rates. The call targets collaboration across disciplines, including researchers, healthcare professionals, innovators, and patients, fostering interdisciplinary work between medical doctors, patient representatives, health IT experts, AI experts, solution providers, research institutes, EU research infrastructures, and SMEs. Results must be aligned with the EU Cancer Mission objectives and provide open access to VHT platforms and solutions for researchers, healthcare professionals, and citizens.

Funding

The total allocated budget for this call is €35,000,000, with the European Commission expecting to fund approximately 4 projects. The expected EU contribution per project ranges from €8,000,000 to €9,000,000. Funding is provided in the form of grants under Horizon Research and Innovation Actions (RIA), with a maximum funding rate of 100% of eligible costs for most beneficiaries, as per Horizon Europe rules. There is no explicit minimum project value stated, but the indicative EU contribution range serves as a de facto cap and guidance for project scale.

Eligible Expenses

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

Eligibility

Eligible Sectors

- ICT & Software
- Health & Life Sciences

Company Sizes

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

Application Mode

- Consortium / Copromotion

Action Types

- Research and development of virtual human twin models
- Clinical validation studies
- Data integration and FAIR data management
- Open science and digital asset sharing
- Stakeholder engagement and networking

EU Programme Details

CALL ID

HORIZON-MISS-2026-02

SUBMISSION MODE

Single-stage

EXPECTED PROJECTS

4

CLUSTER

Cancer Mission

EU CONTRIBUTION

€8,000,000.00 to €9,000,000.00

FUNDING RATE RULE

100% funding for most entities according to Horizon Europe RIA rules; see Horizon Europe General Annexes for exceptions and specific beneficiary types.

Official Links

Official Regulation:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-MISS-2026-02-CANCER-01?order=DESC&pageNumber=1&pageSize=50&sortBy=startDate&isExactMatch=true&status=31094501,31094502&programmePart=43108557&frameworkProgramme=43108390&deadlineDate=1780182000000,1798675200000>

Grantavia page: <https://grantavia.com/en/incentives/virtual-human-twin-vht-models-for-cancer-research>

Schedule a meeting: <https://calendly.com/ines-carreira-fi-group/reuniao>