

Virtual Human Twin (VHT) Models for Cancer Research

Horizon Europe

CÓDIGO	ÂMBITO
HORIZON-MISS-2026-02-CANCER-01	Internacional
LOCALIZAÇÃO	ESTADO
Europa	Aberto
PROGRAMA	CURADORIA DE
Horizon Europe	Maria Macedo
GERADO EM	
8 de junho de 2026	

Detalhes Financeiros

TIPO DE APOIO	TAXA MÁXIMA DE FINANCIAMENTO
Fundo Perdido	100%
DOTAÇÃO	VALOR ELEGÍVEL DO PROJETO
35M€	Up to 9M€

Datas e Prazos

DATA DE PUBLICAÇÃO	DATA DE ABERTURA
Não definida	10 de fevereiro de 2026

Fases de Candidatura

- Deadline: 15 de setembro de 2026 às 15:00 (100 dias restantes)

Objetivos

Objectives

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,

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.

Despesas Elegíveis

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

Elegibilidade

Setores Elegíveis

- TIC & Software
- Saúde & Ciências da Vida

Dimensão das Empresas

- Micro
- PME
- Small Mid-Cap
- Mid-Cap
- Grande
- Entidades privadas sem fins lucrativos
- Entidades públicas

Modalidade de Candidatura

- Consórcio / Copromoção

Tipos de Ação

- 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

Detalhes do Programa UE

ID DA CHAMADA

HORIZON-MISS-2026-02

MODO DE SUBMISSÃO

Single-stage

PROJETOS ESPERADOS

4

CLUSTER

Cancer Mission

CONTRIBUIÇÃO UE

€8,000,000.00 to €9,000,000.00

REGRA DE TAXA DE FINANCIAMENTO

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

Links Oficiais

Regulamento Oficial:

<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>

Página no Grantavia: <https://grantavia.com/pt/incentives/virtual-human-twin-vht-models-for-cancer-research>

Agendar reunião: <https://calendly.com/ines-carreira-fi-group/reuniao>