



Finanziato
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NextGenerationEU



Italiadomani
PIANO NAZIONALE
DI RIPRESA E RESILIENZA



Regione Toscana



Azienda
Ospedaliero
Universitaria
Careggi

General information

Project code: PNRR-TR1-2023-12377714

Project topic: C2) Tumori rari: sviluppo di soluzioni trasversali che possano avere impatto su molteplici patologie in termini di ricerca e assistenza

Applicant Institution: Toscana

Istitution that perform as UO for UO1: Toscana

Call section: Tumori Rari

Proposal title: Multidisciplinary and Multiomic approach to dissect the cellular network in the glioma microenvironment: translational perspective to improve patient's management

Duration in months: 24

MDC primary: Oncologia

MDC secondary: Ematologia e Immunologia

Project Classification IRG: Oncology 1 - Basic Translational

Project Classification SS: Tumor Microenvironment - TME

Project Keyword 1: Molecular and cellular aspects of bi-directional interaction between tumor and stromal cells (including fibroblasts, glial cells, epithelial cells, adipocytes, immune cells, inflammatory cells, vascular compartments, and bone marrow cells) during neoplastic progression, tumor angiogenesis, growth and metastasis, including studies of cancer stem cell niche and tumor cell dormancy

Project Request: **Animals:** ☐ **Humans:** ☒ **Clinical trial**

Project total financing request to the MOH: € 1.000.000



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Participants & contacts

Operative Units					
Institutions that perform as UO	CF Institution	Department / Division / Laboratory	Role in the project	Southern Italy	SSN
1 - Toscana	04612750481	AOU Careggi/SOD Centro Diagnostico di Citofluorimetria e Immunoterapia	Providing GBM samples. Flow-cytometric and transcriptomic analysis of lymphocyte		X
2 - Istituto Oncologico Veneto IOV- IRCCS	04074560287	Immunology and Diagnostic Oncology, Laboratory of Human tumor immunology	Metabolism and transcriptomic of myeloid cells		X
3 - Azienda Ospedaliera Universitaria Policlinico Paolo Giaccone di Palermo	04872830825	Integrated Department of Laboratory Medicine Central Laboratory of Advanced Diagnosis and Biomedical Research (CLADIBIOR)	Phenotype and functions of infiltrating gamma delta T cells	X	X
4 - University of Bari	80002170720	Department of Translational Medicine and Neuroscience (DiBraiN)	Role of astrocytes and AQP4 in GBM	X	



Budget

Total proposed budget (Euro)				
Costs	TOTAL BUDGET	Co-Funding	List of costs proposed for funding to the MOH	Percentage of total proposed to the MOH
UO1 Institution: Toscana (Euro)	359.525,00	30.000,00	329.525,00	100,00
UO2 Institution: Istituto Oncologico Veneto IOV-IRCCS (Euro)	248.000,00	23.000,00	225.000,00	100,00
UO3 Institution: Azienda Ospedaliera Universitaria Policlinico Paolo Giaccone di Palermo (Euro)	249.289,00	26.139,00	223.150,00	100,00
UO4 Institution: University of Bari (Euro)	258.825,00	36.500,00	222.325,00	100,00
Totale	1.115.639,00	115.639,00	1.000.000,00	100,00

* percentage calculated as average value between all the Operating Units.