Scheda Proposta Progetto

CIP SAQHDB

Dati proposta

Acronimo	REVITA-WINE (rev.1)
Titolo	VITICULTURAL, OENOLOGICAL, GENETIC AND EPIGENETIC ADAPTATION OF NATIVE VINES ALONG ALTITUDINAL GRADIENTS FOR THEREVITALIZATION OF MOUNTAIN AREAS IN A GLOBAL WARMING CONTEXT
Durata in mesi	36

Descrizione

The project addresses three priority needs in the current climate warming scenario: (1) the identification of high-quality viticultural and oenological expressions in mountain and foothill areas using native grapevine cultivars with strong territorial and market potential; (2) the recovery and revitalization of viticulture in marginal mountain areas with limited alternative crops, which were historically characterized by intense agricultural activity before progressive depopulation; and (3) the elucidation of genetic and epigenetic mechanisms regulating the adaptation of native grapevine cultivars to contrasting altitudinal conditions, through the identification of genetic and epigenetic markers, altitude-dependent epigenetic signatures, terroir-driven responses and key wine quality traits.

By integrating viticultural, physiological, oenological, microbiological, genomic, epigenomic and transcriptomic approaches, the project will provide a multi-level understanding of how altitude shapes vine performance, grape composition, wine identity and climate resilience.

Project specifications: highly multidisciplinary, integrating viticulture, eco-physiology, climatology, oenology, microbiology, metabolomics, genomics, epigenomics, transcriptomics and multi-omics data integration.

Stato	INVIATA
Proponente	NICOLOSI, Elisabetta
Struttura proponente	DI3A
Ambito	NAZIONALE
Ente finanziatore	Ministero dell'Univeristà e della Ricerca (MUR)
Bando di riferimento	PRIN 2026
Capofila	Palliotti Alberto, Università di Perugia
Partner	Lanari Vania, Università politecnica delle Marche Ferlito Filippo Salvatore, Università di Messina Tofalo Rosanna, Università di Teramo Nicolosi Elisabetta, Università di Catania Brunori Elena, Università della Tuscia Viterbo

Dati economici

Costo complessivo	€ 1.716.091
Finanziamento complessivo atteso	€ 1.716.091
Finanziamento previsto UNICT	€ 273.730
Cofinanziamento previsto UNICT	€ 1.125

Componenti (1)

#	Nominativo	Ruolo	Carriera**	Struttura	ERC	Ore*
1	NICOLOSI, Elisabetta	RESP_SCIENTIFICO	PA	DI3A	LS	1.125

* ore stimate
** PO - Professore Ordinario; PA - Professore Associato; RD o RM - Ricercatore TD; RU - Ricercatore

Distribuzione componenti per struttura