

**PILLAR 1 - EXCELLENCE SCIENCE**

**European Research Council (ERC)**

**ERC Starting grants**

Acronimo e titolo	Dipartimento/Centro	Principal Investigator	Ruolo UniTrento	Azione	Durata in mesi	Data di inizio
<a href="#">StrEnQTh - Strong Entanglement in Quantum many-body Theory</a>	Fisica	Philipp Hans Juergen Hauke	Host Institution	ERC Starting Grant	60	a UniTrento dal 01/11/2019
<a href="#">MAGIC - Architected Soft Magnetoactive Materials: Beyond Instabilities</a>	Ingegneria Civile Ambientale e Meccanica	Stephan Rudykh	Host Institution	ERC Starting Grant	60	01/02/2020
<a href="#">NOAM - Navigation of a mind-space. The spatial organization of declarative knowledge</a>	CiMeC - Mind/Brain Centre	Roberto Bottini	Host Institution	ERC Starting Grant	60	01/04/2019
<a href="#">VARIAMOLS - VArIable ResolUtion Algorithms for macroMOLEcular Simulation</a>	Fisica	Raffaello Potestio	Host Institution	ERC Starting Grant	60	01/01/2018
<a href="#">MetaPG - Culture-free strain-level population genomics to identify disappearing human-associated microbes in the westernized world</a>	CIBIO - Centro di biologia integrata	Nicola Segata	Host Institution	ERC Starting Grant	60	01/04/2017
<a href="#">HOMing - The Home-Migration Nexus: Home as a Window on Migrant Belonging, Integration and Circulation</a>	Sociologia e Ricerca sociale	Paolo Boccagni	Host Institution	ERC Starting Grant	60	01/11/2016
<a href="#">CRASK - Cortical Representation of Abstract Semantic Knowledge</a>	CiMEC-Centro Mente e Cervello	Scott Laurence Fairhall	Host Institution	ERC Starting Grant	60	01/05/2015

**ERC Consolidator grants**

Acronimo e titolo	Dipartimento/Centro	Principal Investigator	Ruolo UniTrento	Azione	Durata in mesi	Data di inizio
<a href="#">SPICE- Synthetic Lethal Phenotype Identification through Cancer Evolution Analysis</a>	CIBIO - Centro di biologia integrata	Francesca Demichelis	Host Institution	ERC Consolidator Grant	60	01/10/2015

ERC Advanced grants						
Acronimo e titolo	Dipartimento/Centro	Principal Investigator	Ruolo UniTrento	Azione	Durata in mesi	Data di inizio
<b>VACCIBIOME</b> - Cancer Vaccines and Gut Microbiome: a rational approach to optimize cancer immunotherapy	CIBIO	Guido Grandi	Host Institution	ERC Advanced Grant	60	01/09/2019
<b>SPANUMBRA</b> - Number-space associations in the brain	CiMEC-Centro Mente e Cervello	Giorgio Vallortigara	Host Institution	ERC Advanced Grant	60	01/11/2019
<b>BACKUP</b> - Unveiling the relationship between brain connectivity and function by integrated photonics	Fisica	Lorenzo Pavesi	Host Institution	ERC Advanced Grant	60	01/11/2018
ERC Proof of Concept grants						
Acronimo e titolo	Dipartimento/Centro	Principal Investigator	Ruolo UniTrento	Azione	Durata in mesi	Data di inizio
<b>NeuroSoNew</b> - Portable EEG-based screening of social predispositions in newborns	CiMEC-Centro Mente e Cervello	Giorgio Vallortigara	Host Institution	ERC Proof of Concept	18	01/11/2019
<b>MoVis</b> - An innovative screening protocol device for early identification of neonates at high-risk for Autism Spectrum	CiMEC-Centro Mente e Cervello	Giorgio Vallortigara	Host Institution	ERC Proof of Concept	18	01/05/2018
<b>OMVCRC</b> - Engineered bacterial Outer Membrane Vesicles (OMVs) for colorectal cancer immunotherapy	CIBIO - Centro di biologia integrata	Guido Grandi	Host Institution	ERC Proof of Concept	18	01/01/2018
<b>SILKENE</b> - Bionic silk with graphene or other nanomaterials spun by silkworms	Ingegneria Civile Ambientale e Meccanica	Nicola Pugno	Host Institution	ERC Proof of Concept	18	01/03/2016