

Frontiers for the Future Awards:

Researcher	Research Body	Co-Awardee	Co-Awardee Research Body	Award Title	Funding
Jianghui Meng	Dublin City University	Jiafu Wang	Dublin City University	Delineating Chronic Itch Mechanism and Developing Targeted Therapeutics	€1,073,473.80
Ciaran Morrison	University of Galway			Centrosomal responses to genotoxic stress	€1,205,204.40
Corrado Santocanale	University of Galway			Exploiting chemo-genetic interactions to decipher mechanism and enhance the potency of CDC7 kinase inhibitors	€1,286,950.00
Rosemary O'Connor	University College Cork			Exploiting the spatial actions of metabolic and survival factors for therapeutic benefit	€1,275,722.70
Susanne Barth	Teagasc	Fiona Thorne	Teagasc	Future Cereals	€828,603.50
Helen Blanchard	University of Galway	Paul Murphy	University of Galway	Inhibitor design and synthesis for lectins: Tools for glycobiology, vaccine research and future therapeutics	€1,293,677.28
Jonathan Hourihane	RCSI University of Medicine and Health Sciences			FLORAL study: Examining relationship of health outcomes and gut microbiome in children born during and after the COVID-19 pandemic	€1,298,468.80
Jonathan Coleman	Trinity College Dublin			Towards high-performance printed devices based on 2D nanosheets via interface and junction engineering	€1,263,415.50

Conor Ryan	University of Limerick			Federated Offline Reflection Grammatical Evolution (FORGE)	€1,252,939.90
Noel Lowndes	University of Galway			Emerging roles for kinesin molecular motors in DSB repair	€1,285,790.10
James Gahan	University of Galway			Dissecting the mechanisms of Polycomb-mediated transcriptional repression using a novel sea-anemone model	€1,604,577.92
Rachel McLoughlin	Trinity College Dublin			Harnessing the power of gamma-delta T cells to target intracellular Staphylococcus aureus	€1,299,491.70
Matthias Vandichel	University of Limerick			Multiscale Modelling and Membrane Engineering for next-generation electrochemical technologies (MEM-E-TECH)	€1,227,641.40
David Hoey	Trinity College Dublin			Mechano-Immunomodulatory Strategies for Bone Regeneration	€1,273,004.00
Olga Lastovetsky	University College Dublin			AG-MICRO: Promoting Sustainable Agriculture through Microbe-Microbe and Microbe-Plant interactions	€805,963.60
Lorina Naci	Trinity College Dublin	Fiona Wilson	Trinity College Dublin	Dementia Risk in formEr profesSiOnal athLetes and protective factors in mid-life (RESOLVE)	€1,299,314.26

Frontiers for the Future Projects:

Researcher	Research Body	Award Title	Funding
Silvia D'Angelo	Trinity College Dublin	T-DIET: developing novel statistical methods for the analysis of longitudinal dietary patterns and their association with health outcomes	€272,588.70
Eva Jimenez-Mateos	Trinity College Dublin	Glutamate directly targets microglia and contributes to the pathophysiology of birth asphyxia and the development of paediatric epilepsy	€742,860.00
Alessandra Mileo	DCU	Holistic and Human-centred neural-cognitive learning and reasoning to enHance eXplainable Artificial Intelligence in clinical diagnostics from MEDical imaging	€715,444.70
Antoine Fort	Technological University Shannon	AMicrobioM: Algal Microbiome Mining for novel plant biostimulants, defence elicitors, & antimicrobial compounds	€671,480.30
Mark Ahearne	Trinity College Dublin	Optimizing mechanical environment for corneal bioengineering	€396,550.00
Ekin Ozer	University College Dublin	Harmonizing Nonhomogeneous Crowdsourcing Data and Formulating Citizen Incentives towards Self-Governing Bridge Monitoring	€631,914.20
Aonghus Lavelle	University College Cork	DYSBILEOSIS: Characterising uncultured bacteria associated with bile acid dysmetabolism and disease severity in IBD	€613,556.40