

Research Body	Proposal Title	Researcher	Industry Partner	Total SFI Award Amount Funded (€)
Trinity College Dublin	Stereoscopic and multi-source illumination methods for 3D imaging of the human face	Brian Jennings	Private enterprise	81,739
University College Dublin	Towards developing autonomous 6G mobile networks using digital twin architecture	Chinmoy Kundu	Huawei Technologies (Ireland) Limited	100,805
University College Dublin	Development of a CRISPR-based gene therapy product for epidermolysis bullosa, targeting new mutations in the COL7A1 gene	Ruth Foley	Branca Bunús Ltd.	86,590
University of Galway	Co-digestion optimisation and biochar utilisation to improve methane content in biogas from food and agro-industrial waste anaerobic digestion	Adriana Ferreira Maluf Braga	Green Generation Ltd	76,202
Tyndall National Institute	Development of Advanced In-line Blood Monitoring Sensors & Systems for Therapeutic Applications	Brince Paul Kunnel	Analog Devices International	87,983
Tyndall National Institute	Process Development and Testing of Ultra-Thin Lubricious Coatings for Medical Devices (UltraLube)	Alessandra Imbrogno	Private enterprise	90,890
University of Galway	The Development of Thermoplastic Strain Sensors Fabricated by Additive Manufacturing Technology for Structural Health Monitoring	Omid Samdaliri	ÉireComposites Teo	79,057
The National Institute for Bioprocessing Research and Training	Optimized manufacturing of Adeno-associated virus for gene therapy	Nicholas Donohue	Applied Process Company Limited (APC Ltd)	95,551
University of Limerick	Strategies to optimize deep	Shaza Darwish	Boston Scientific (Clonmel-Ireland)	82,076

	learning for personalized treatment			
University of Galway	The comprehensive characterisation of immunometabolites released from human stromal cells during apoptosis	Marc Healy	Orbsen Therapeutics	121,814
RCSI University of Medicine and Health Sciences	Process optimization and CMC strategy development for siRNA lipid nanoparticles for treatment of polyneuropathy caused by hereditary ATTR (hATTR) amyloidosis	Joanna Sadowska	Alnylam Pharmaceuticals	113,287
University of Limerick	Smart Manufacturing for Predictive Product Quality (SmartMan)	Samuel Solomon	Innopharma Research Ltd	75,413
University of Galway	In-situ Biomethanation for Bioconversion of CO ₂ -to-CH ₄ using high-rate Anaerobic bioreactor	Yen Nguyen	Biothane-Veolia Water Technologies	77,875
RCSI University of Medicine and Health Sciences	Decellularised extracellular matrix derived scaffolds as orthobiologic implants for musculoskeletal tissue engineering applications	Eamon Sheehy	Viscus Biologics LLC	116,576
Trinity College Dublin	Failure Analysis of Low Geometry Technology with Advanced Scanning Probe Microscopy (FALGAP)	Srikanth Kolagatla	Analog Devices International Unlimited Company	81,405
Trinity College Dublin	Optimization of slot-die coating process conditions towards the development of active food packaging materials	Sukhananazerin Abdulla	Versatile Packaging	83,096
University College Cork	Fabrication and Development of Thermal Platform for biosensing Applications	Kusuma Urs MB	Analog Devices International	75,626

University of Galway	Upscaling injectable hydrogel therapeutics: From laboratory to industrialization	Tapas Mitra	HiTech Health (HTH)	111,257
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