

Research Body	Proposal Title	Researcher	Industry Partner	Total Research Ireland Award Amount Funded (€)
Trinity College Dublin	Innovative Smart Polymer Coatings for Catheter Devices	Alexa Ennis	Private Enterprise	82352.45
Trinity College Dublin	Thermal Cooling Fluids: Development of Graphene/Metal Oxide Nanofluids	Althaf Raja Mohamed	HT Materials Science Ltd.	97183.07
University College Cork	Quality by Design Approach to Medical Device Polymer Bead Process Optimisation	Ayse Kont	Boston Scientific Cork	82757.67
Trinity College Dublin	Leveraging Knowledge Graphs for Autonomous Network Telecommunications Systems	Beyza Yaman	HUAWEI TECHNOLOGIES (IRELAND) CO., LIMITED	108266.50
Trinity College Dublin	Advanced Material Solutions for High Voltage Analogue-CMOS Integration	Cansu Ilhan	Analog Devices Inc., (ADI)	81457.67
Trinity College Dublin	Adaptive and Integrated AI Safety Mechanisms for Large Language Models in Enterprise Applications	Dipto Barman	Workday	89074.07
Dublin City University	KLEARs: Knowledge-Augmented LLMs for Explainable AI in Recruitment and Skills Management	Eric Ferreira dos Santos	Workday	86740.14
Tyndall National Institute	Integrated Sensing Technology for Monitoring	Gokhan Dumlupinar	Analog Devices Inc., (ADI)	84165.68

	Corporeal Properties.			
<b>University College Dublin</b>	PhosphoGreen: Converting dairy processing side-streams (acid casein whey) into sustainable phosphate supplement using optimised novel phosphate removal approaches	Hossein Kiani	Arrabawn Co-Operative Ltd.	128447.91
<b>University of Limerick</b>	Development of Thermoelectric Materials for Manufacturing Chip-Scale Devices (THERMACS)	Infanta Diana Michael	Analog Devices Inc., (ADI)	84549.24
<b>Trinity College Dublin</b>	Enabling sustainable manufacturing using wireless technologies - making machines smarter	Irina Munina	iSentioLabs	127269.31
<b>Trinity College Dublin</b>	Investigating Multi-Modal Drug Compounds as Therapeutic Agents for Ulcerative Colitis	Isabella Batten	Noa Therapeutics	103943.07
<b>University of Galway</b>	Development of a Versatile H-FIRE Pulse Generator for Cancer Treatment	Jeya Shree Thulasidas	Mirai Medical Limited	122641.69
<b>University College Dublin</b>	HABShield: Online Multimodal Spatio-Temporal, LLM-Enhanced, Explainable AI Detection System for Harmful Algal Bloom Alerts	Jiaying Guo	TechWorks Marine	85653.68
<b>University College Dublin</b>	Development of A New Knot Polymeric Gene	Jing Lyu	Branca Bunús Ltd.	89865.46

	Transfection Reagent Towards Recessive Dystrophic Epidermolysis Bullosa (RDEB) Treatment			
<b>University of Limerick</b>	Wind Turbine Signal Super-resolution with Deep Generative Models	Juan Albarracín	EnergyPro Asset Management Ltd	88927.29
<b>Trinity College Dublin</b>	Development of climate risk intelligence tools for critical infrastructure assets	Julie Clarke	Climate Matters	31252.00
<b>Trinity College Dublin</b>	Magnetic Thin Films for Multiturn Sensors	Lucy Prendeville	Analog Devices Inc., (ADI)	87628.08
<b>University of Limerick</b>	Interface Robustness of Polyimide with Inorganic Materials for Semiconductor Applications	Maria Zubair	Analog Devices Inc., (ADI)	82073.52
<b>University of Limerick</b>	Developing Hybrid Depositions Techniques for Sensor Manufacturing	Mei Li	Analog Devices Inc., (ADI)	80915.68
<b>University of Limerick</b>	Development of the first FACS panel to efficiently sort human primary testicular cells for addressing male infertility	Nasrin Ghanami Gashti	BD Research Centre Ireland	81507.45
<b>Technological University Dublin</b>	Self-cleaning Solar Panels Using Smart Photocatalytic Surface Coating Technology	Nima E. Gorji	Kastus Technologies	79779.00
<b>University College Cork</b>	Linking Microproteins	Oza Zaheed Maheswaran	EIRNA Bio	92234.67

	and RNA Modifications: New Frontiers in Cancer Diagnostics and Therapy			
<b>University College Dublin</b>	Development of Tough Injectable Hydrogel System for Cartilage Repair	Rijian Song	Bláfar Ltd.	82054.07
<b>Trinity College Dublin</b>	Roll-to-Roll, slot-die coating of biopolymer-based multilayer barrier films for sustainable food packaging	Sukhananazerin Abdulla	Versatile Packaging	102233.37
<b>Trinity College Dublin</b>	Research and development of materials formulations for use in intraocular lenses (IOLs)	Tandra Ghoshal	Alcon Laboratories Ireland Ltd	122300.14
<b>University College Dublin</b>	Development of high-throughput dialysis system for RNA-lipid nanoparticles (LNPs) purification	Tianyu Guan	Marama Labs Limited	88365.14
<b>University of Galway</b>	Intensification of biomethane production by pretreating feedstock and residual digestate in full-scale biogas plant	Yuchen Liu	Bia Energy Limited	92148.52