

## 2014 Research Call Awards

Project Ref:	Project Title	Lead Institute	Project Coordinator	Collaborators	Grant
14/S/801	Long-term sustainable breeding strategies for consistently superior health in cattle	Teagasc	Dr. Donagh Berry	ICBF, UCD	1,120,108
14/S/802	Strain Specific Pathogenicity of Staphylococcus aureus	Teagasc	Dr. Orla Keane	UCD	348,941
14/S/849	Multi-breed sheep genetic and genomic evaluations	Teagasc	Dr. Donagh Berry	ICBF, UCD	1,106,382
14/S/890	Strategies to PROtect and improve the WELfare of dairy COWs in Irish systems of milk production	Teagasc	Dr. Laura Boyle		78,261
14/S/832	Investigation of respiratory disease on Irish pig farms, associated risk factors & the relationship with performance, welfare & antimicrobial use.	UCD	Dr. Finola Leonard	Teagasc, CIT	739,053
14/S/871	Environmental enrichment and nutritional strategies to reduce tail biting in pig farms	Teagasc	Dr. Keelin O' Driscoll		177,784
14/S/819	Virtual Irish Centre for Crop Improvement	Teagasc	Dr. Dan Milbourne	UCD, NUIG, NUIM, TCD	2,992,994
14/S/879	Establishing a platform for IPM in Irish Crops	Teagasc	Dr. Michael Gaffney	UCD, NUIM	763,015
14/S/865	A genomic approach to understanding and improving mushroom compost utilisation	Teagasc	Dr. Helen Grogan		403,601
14/S/889	Proofing Relevant Indicator Data to Evaluate the Sustainability of Irish Food	Teagasc	Dr. Trevor Donnellan	NUIG	199,607
14/S/875	Total Factor Productivity of Irish Agriculture: Measurement, Sources and Comparisons	Teagasc	Dr. Kevin Hanrahan	NUIG	191,578
14/S/874	Measurement and Understanding of the International Competitiveness of Irish Agriculture	Teagasc	Dr. Fiona Thorne	UCD	194,746
14/SF/857	A Bio Economy for Ireland- An Evaluation of Development Opportunities, Policies and Initiatives Shaping Ireland's Transformation to a Sustainable Low Carbon Bioeconomy	Teagasc	Dr. Maeve Henchion	NUIG, UCD, DIT	299,488
14/F/866	Process Analytical Technologies for Dairy and Infant Formula powder manufacture	DIT	Dr. P.J. Cullen	UCD	549,590
14/F/803	Novel technological approaches for the development of low sugar - highly consumer accepted food and beverage products	UCC	Prof. Elke Arendt	CIT	486,955
14/F/812	Development of consumer optimised low carbohydrate Irish confectionary products	UCC	Dr. Maurice O'Sullivan	Teagasc	559,174
14/F/828	Dietary manipulation of microbiota diversity for controlling immune function	UCC	Prof. Paul O'Toole	Teagasc, UCD, UL	1,246,995
14/F/813	Disaggregation of food consumption databases to raw agricultural commodity values for estimation of intakes of pesticide residues	UCD	Dr. Anne Nugent	UCC	66,000
14/F/805	Development of Fortified Blended Foods using fermented buttermilk/cereal	UCC	Prof. Nora O'Brien	Teagasc	594,123
14/F/821	Foods solutions for replenishing disrupted microbiota in toddlers	Teagasc	Prof. Catherine Stanton	UCC, CUMH	597,246
14/F/822	Novel nutritional solutions to combat chronic malnutrition in the elderly	UCD	Dr. Brendan Egan	Teagasc	593,034
14/F/845	Application of Novel food processing and microanalytical technologies to identify and control spores, in dried food ingredients, and of biofilms in food processing environments-a systems microbiology approach to ensuring quality and safety	UCD	Dr. Amalia Scannell	DCU, Teagasc	879,348
14/F/883	Development of Spore Analysis Critical Control Point (SACCP) charts for application in dairy manufacturing processes	Teagasc	Dr. Phil Kelly	Tyndall National Institute (UCC)	624,729
14/F/881	Assuring the safety of mushrooms by the introduction of novel processes to reduce Listeria monocytogenes biofilms and environmental contamination in mushroom production facilities	Teagasc	Dr. Kaye Burgess	CIT	525,625
14/SF/872	Enhancing production and sustainability in Irish aquaculture	NUIG	Dr. Eoghan Clifford	AIT	599,577
14/SF/820	Reducing the impact of pathogens and disease in the Irish Oyster industry to support the sustainability and growth of the sector	UCC	Dr. Sarah Culloty	MI, NUIG	592,141
14/SF/860	Arsenic in Marine Macroalgae and Implications for Commercial Uses	Marine Institute	Dr. Evin McGovern	NUIG	277,437
14/F/873	Mining marine materials for novel functional ingredients that modulate the immune response for benefit in inflammation and allergy	DCU	Prof. Christine Loscher	UL	557,526
14/SF/852	Developing a risk assessment framework for norovirus in Irish oyster production areas	UCD	Prof. Francis Butler	MI	360,843

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14/SF/847	The comparative public and animal health risks associated with spreading Anaerobic Digestate, animal manure and slurry on land: Science, Policy and Practice	Teagasc	Dr. Declan J. Bolton	UCD, NUIG	815,050
14/SF/855	Agri-Food Graduate Development Programme	UCC	Prof. Alan Kelly	UCD, Teagasc	874,354
14/C/824	Improving Timber Forecasting	Teagasc	Dr. Niall Farrelly	UCD	197,138
14/C/887	Economic and Environmental Mapping of Cascade Use of Wood	UL	Dr. Ken Byrne	UCD	178,162
14/C/810	Windthrow Risk Modelling	UCD	Dr. Aine NiDhubhain	Teagasc	174,850
14/C/809	Assessing Ireland's risk to airborne spread of ash dieback disease with Lagrangian stochastic models	UCD	Dr. Jon Yearsley		67,091
14/C/888	Pre-Commercial Stump Harvesting in Ireland	WIT	Tom Kent		92,879
13/SN/401	Sensory Food Network Ireland	Teagasc	Dr. Eimear Gallagher	Teagasc, AFBI, UCC, UCD, DIT, CAFRE, St. Angela's, GMIT, NICHE, LIT	675,021