

DAFM Research Awards 2016

Project Ref	Project Title	Lead Institute	Project Co-ordinator	Collaborators	DAFM Grant (€)	DAERA Grant (€)
15/S/672	Feasible phenotyping strategies for efficient and effective genetic gain in difficult-to-measure traits in cattle and sheep	Teagasc	Dr Sinead Mc Parland	ICBF	133,648	-
15/S/745	Amoebic disease of salmon	GMIT	Dr Eugene McCarthy	NUIG, UCD, MI	601,347	-
15/S/696	A multidisciplinary approach to improving the reproductive performance in the Irish sheep, beef and dairy populations	Teagasc	Dr Noirin Mc Hugh	ICBF, WIT, AFBI	777,681	5,200
15/S/732	New strategies to predict and monitor semen fertility	Teagasc	Dr Stephen Butler	UCD, ICBF	1,096,129	-
15/S/675	NUTRIGEN: The interaction between genotype and nutrition in high yielding dairy cows in seasonal grass based systems of milk production	UCD	Dr Bridget Lynch	ABFI, Teagasc	1,145,554	144,185
15/S/759	Alternative crops for cut foliage sector	Teagasc	Dr Helen Grogan	UCD	558,335	-
15/S/704	Optimizing production technology in Ireland for break crops	Teagasc	Dr John Carroll	UCD, WIT	956,760	-
15/S/618	Sensing crop pathogens: A novel surveillance system for crop diseases of economic importance	Teagasc	Dr Ewen Mullins	DCU. UCC Tyndall	1,042,320	-

15/S/669	Small-molecule Modulators of Oomycete Calcium Channels	UCC	Dr John Mackrill	-	195,086	-
15/S/687	Spatially Explicit Ecological Risk Assessment framework for Conservation planning of Coastal waters	NUIG	Dr Oliver Tully	MI	332,226	-
15/S/744	Fisheries <u>K</u> nowledge for <u>O</u> ptimal <u>S</u> ustainable <u>M</u> anagement	MI	Dr David Reid	UCC, QUB, AFBI, GMIT	1,488,745	927,398
15/S/736	Valuing agricultural catchments Ecosystems Services	NUIG	Dr Stephen Hynes	Teagasc	107,196	-
15/S/619	Farming and natural resources: Measures for Ecological Sustainability	Teagasc	Dr Daire O' hUallachain	NUIG, Sligo IT	891,022	-
15/S/655	Manipulation and Integration of Nitrogen Emissions	Teagasc	Dr Karl Richards	AFBI, NUIG, TCD,	964,710	178,409
15/S/756	Enhancement of the CAPRI modeling with specific focus on its environmental and economic analytical capacity for Ireland	UCD	Dr David Stead	Teagasc	499,479	-
15/S/676	Antimicrobial Use and Resistance in Animal Production	UCD	Dr Edgar Garcia Manzanilla	Teagasc	572,447	-
15/F/679	Developing the next generation of protein-enriched spray dried dairy powders with enhanced hydration properties	Teagasc	Dr Mark Auty	CIT, UCC, UU, WIT	2,192,740	365,097

15/F/610	Novel Clean label Strategies for the Nutritional and Sensory Optimisation of Reduced Salt and Fat Processed Meat Products	UCC	Dr Maurice O' Sullivan	Teagasc	871,796	-
15/F/604	Thermal Or Membrane processing for Infant formula	Teagasc	Dr Linda Giblin	CIT	590,964	-
15/F/683	Future proofing the Irish cheese-whey industry – a step change process to move Irish dairy commodities up the value chain.	Teagasc	Dr John Tobin	UCC	599,000	-
15/F/731	Isolation, characterisation and exploitation of natural anti-yeast agents and their application as consumer-friendly preservatives in food and beverages	CIT	Dr Aidan Coffey	UCC	421,200	-
15/F/698	Seaweed-Microbe Interactions to enhance bioactive yields for food applications	NUIG	Dr Dagmar Stengel	UCC, Teagasc	824,992	-
15/F/647	Incorporation of novel brewers' spent grain (BSG)-derived protein hydrolysates and blended ingredient in functional foods for older adults and assessment of health benefits in vivo.	UL	Prof R.J. Fitzgerald	UCC, CIT	683,937	-
15/F/602	Novel Technological Approaches for the development of low FodMap food products.	UCC	Prof Elke Arendt	Teagasc, CIT	1,072,198	-

15/F/721	The relation between the Human Milk Microbiome, Composition and Infant Nutrition	UCC	Prof. Alan Kelly	Teagasc	600,308	-
15/F/635	Generation of Functional Foods to Promote the Growth of Newly Identified Health Associated Microbes in the Gut	Teagasc	Dr. Paul Cotter	ITT, UCC	603,909	-
15/F/737	Innovative food structures to enhance the sensory experience, the nutrient profile and nutrient bioavailability for older people.	UCD	Dr. Graham O'Neill	WIT, Teagasc	599,950	-
15/F/670	Development of biofortification approaches for enhanced vitamin K content of foods: proof of stability, efficacy and sensory appeal	UCC	Prof. Kevin Cashman	Teagasc	533,403	-
15/F/685	Functional foods for Optimal nutrition for healthier Ageing	UCD	Dr Michelle Clarke	UU	302,354	296,261
15/F/673	National Children's Food Consumption Survey II.	UCC	Prof. Albert Flynn	UCD, DIT	1,242,170	-
15/F/724	Foodborne Viruses in Ireland – farm to fork Investigation, Identifying Risk and mitigation Approaches for Hepatitis E Virus, Hepatitis A Virus, Norovirus & Sapovirus.	UCD	Dr Suzie Coughlan	MI	569,441	-
15/F/641	Clean Broilers through Enhanced Farm Biosecurity, Processing Prerequisites and HACCP Based	Teagasc	Dr Declan Bolton	UCD, CIT	1,117,171	-

	Interventions					
15/F/629	Surveillance of Verocytotoxigenic <i>E. coli</i> in Ireland: A One Health Approach	Teagasc	Dr Geraldine Duffy	UCD, HSE, NUIG	1,249,332	-
15/F/690	Research supporting the unpasteurised milk and associated cheesemaking industry from a food safety perspective	Teagasc	Dr Kieran Jordan	-	149,627	-
15/F/747	Enzymes for efficient milk oligosaccharide production.	NUIG	Prof Lokesh Joshi	Teagasc	98,877	-
15/F/707	Opportunities for functional and bioactive protein ingredients derived from co-products of the Irish meat industry – Desk Study	Teagasc	Dr Anna Marie Mullen	-	90,818	-
15/F/703	Analysis of diet and eating behaviours in infants and young children as determinants of weight status and health outcomes for innovative product development.	UCC	Dr Áine Hennessy	-	69,759	-
15/F/702	Campylobacter – Control On-farm via Prevention and Exclusion	NUIG	Dr Cyril Carroll	Teagasc	599,284	-
15/C/684	Irish private forest owners: The role of knowledge transfer and social networks	UCD	Dr Aine Ni Dhubhain	Teagasc	198,364	-
15/C/666	Exploitation And Realisation of Thinnings from Hardwoods	NUIG	Dr Annette Harte	Teagasc	194,543	-
15/C/638	Supporting Hen Harrier in Novel Environments	UCC	Dr John O'Halloran	-	199,882	-

15/C/694	Commercialisation of Irish Cross-Laminated Timber	NUIG	Dr Annette Harte	-	80,035	-
15/C/650	Irish Land Use Emission and Sequestration Support Tool	Teagasc	Dr Trevor Donnellen	UCD, DIT, AFBII	1,258,875	125,950