

Dr Róisín Burke

Senior Lecturer

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Róisín obtained her Ph.D. from University College Dublin and subsequently carried out postdoctoral research at the Agricultural University in Wageningen, The Netherlands. She is a Senior Lecturer in the Technological University, Dublin (TU Dublin), specialising in Culinary Science and Food Product Development. In the last fourteen years she has developed Molecular Gastronomy as a subject discipline in the school. She supervised the first ever Ph.D. in Molecular Gastronomy in Ireland and is currently supervising a number of funded Ph.D. students.

Róisín initiated and together with her TU Dublin colleagues developed a B.Sc. (Hons) in Culinary Science which was launched in 2016. She has published widely in international peer reviewed journals and has joined editorial teams. For many years, Róisín has been lecturing to international students and is the TU Dublin co-ordinator of the Erasmus+ M.Sc. programme in Food Innovation and Product Design (FIPDes ; fipdes.eu). She has given guest lectures in Ireland and abroad.

Research Interests

Molecular Gastronomy; Culinary Science; Note by Note cooking; 3D Food Printing; Protein ingredient alternatives to meat

View Publications and Research Outputs on [ORCID](#), [Arrow](#) and [ResearchGate](#)

View Róisín in [LinkedIn](#)

Ph.D. Research projects

Ongoing

- Designing and developing health promoting and sustainable meat-based comminuted products
- Quantifying Emotion for Food Product Design
- An investigation into policy, pedagogy and qualifications recognition in European culinary arts education

Recently completed

An Exploration into the Feasibility of Harmonised International Curriculum Standards for European Culinary Arts & Gastronomy Education