Short CV

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# Personal Statement

Kieran Tuohy graduated (BSc, Industrial Microbiology) from University College Dublin, Ireland in 1993. He received his PhD from the University of Surrey (UK) in 2000 and then trained as a post-doctoral researcher with Professor Glenn Gibson, University of Reading. In 2006 he was appointed lecturer at the Department of Food Science and Nutrition, University of Reading. He now heads the Department of Food Quality and Nutrition at Fondazione Edmund Mach, Trento, Italy. He is an Associate Editor at the European Journal of Nutrition and the Journal of Functional Foods. He is a visiting Professor at Ulster University (UK) and is co-chair of the ILSI Europe task force on Health Benefits Assessment of Foods. His publication record includes over 130 international peer reviewed articles in the areas of food, nutrition and gut microbiology, he has a Researcher ID/Publons h-index of 43 (G-9142-2011) and in 2014, he co-edited the book “Diet-Microbe Interactions in the Gut”, Elsevier.

Selected Peer-reviewed Publications

1. Fava F, Rizzetto L, **Tuohy KM** (2018). Gut microbiota and health: connecting actors across the metabolic system. Proc Nutr Soc. 2018 Dec 18:1-12.
2. Koutsos A, Riccadonna S, Ulaszewska MM, Franceschi P, Trošt K, Galvin A, Braune T, Fava F, Perenzoni D, Mattivi F, **Tuohy KM**, Lovegrove JA (2019). Two apples a day lower serum cholesterol and improve cardiometabolic biomarkers in mildly hypercholesterolemic adults: a randomized, controlled, crossover trial. Am J Clin Nutr. Dec 16. pii: nqz282.
3. Patterson E, Ryan PM, Wiley N, Carafa I, Sherwin E, Moloney G, Franciosi E, Mandal R, Wishart DS, **Tuohy K**, Ross RP, Cryan JF, Dinan TG, Stanton C (2019). Gamma-aminobutyric acid-producing lactobacilli positively affect metabolism and depressive-like behaviour in a mouse model of metabolic syndrome. Sci Rep.9(1):16323.
4. Conterno L, Martinelli F, Tamburini M, Fava F, Mancini A, Sordo M, Pindo M, Martens S, Masuero D, Vrhovsek U, Dal Lago C, Ferrario G, Morandini M, Tuohy K (2019). Measuring the impact of olive pomace enriched biscuits on the gut microbiota and its metabolic activity in mildly hypercholesterolaemic subjects. Eur J Nutr. 58(1):63-81.
5. Carafa I, Stocco G, Nardin T, Larcher R, Bittante G, **Tuohy K**, Franciosi E (2019). Production of Naturally γ-Aminobutyric Acid-Enriched Cheese Using the Dairy Strains *Streptococcus thermophilus* 84C and *Lactobacillus brevis* DSM 32386.Front Microbiol. 13;10:93.
6. Przemska-Kosicka A, Childs CE, Maidens C, Dong H, Todd S, Gosney MA, **Tuohy KM**, Yaqoob P. (2018) Age-Related Changes in the Natural Killer Cell Response to Seasonal Influenza Vaccination Are Not Influenced by a Synbiotic: a Randomised Controlled Trial. Front Immunol. 9:591.
7. Osimani A, Milanović V, Roncolini A, Riolo P, Ruschioni S, Isidoro N, Loreto N, Franciosi E, **Tuohy K**, Olivotto I, Zarantoniello M, Cardinali F, Garofalo C, Aquilanti L, Clementi F (2019). Hermetia illucens in diets for zebrafish (Danio rerio): A study of bacterial diversity by using PCR-DGGE and metagenomic sequencing.PLoS One. 14(12):e0225956.
8. Staudacher HM, Lomer MCE, Farquharson FM, Louis P, Fava F, Franciosi E, Scholz M, **Tuohy KM**, Lindsay JO, Irving PM, Whelan K (2017). A Diet Low in FODMAPs Reduces Symptoms in Patients With Irritable Bowel Syndrome and A Probiotic Restores Bifidobacterium Species: A Randomized Controlled Trial. Gastroenterology. 153(4):936-947.
9. Hill CJ, Lynch DB, Murphy K, Ulaszewska M, Jeffery IB, O'Shea CA, Watkins C, Dempsey E, Mattivi F, **Tuohy K**, Ross RP, Ryan CA, O' Toole PW, Stanton C. (2017) Evolution of gut microbiota composition from birth to 24 weeks in the INFANTMET Cohort. Microbiome. 5(1):4
10. Ulaszewska, MM, Trost, K, Stanstrup, J, **Tuohy, KM**, Franceschi, P, Chong, MFF, George, T, Minihane, A-M, Lovegrove, JA, Mattivi, F (2016) Urinary metabolomic profiling to identify biomarkers of a flavonoid-rich and flavonoid poor fruits and vegetables diet in adults: the FLAVURS trial. Metabolomics 12: 32.