

Lluís AROLA-FERRER.**University Rovira and Virgili**

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Prof. Arola is doctor in Biology by the University of Barcelona. He is currently the director of the Biotechnology Area at Eurecat. He was the president of the Catalan Council for the Research and Innovation that was the advisory group of the president of the Catalan Government. He was the rector of the University Rovira i Virgili for the period 1998-2006. Along its career has participated in several panels, boards and advisory committees of companies and institutions in the nutrition and health research field.

At a scientific level, Lluís Arola is a professor of the University Rovira i Virgili (URV) and the head of the nutrigenomics group. Prof. Arola has a long-lasting experience in the field of metabolism modulation by phenolic compounds. His group is actively involved in the evaluation of the effectiveness of procyanidins in insulin-resistant states and metabolic syndrome related pathologies and nowadays he is actively working in biomarkers research, efficacy of new ingredients of natural source and omics' applications. Prof. Arola has published over 250 in peer reviewed international scientific papers and has been the principal investigator of a high number of projects. His work provided important contributions on the health effects of procyanidin extracts as well as on their mechanisms of action (Bladé C, Biofactors, 2016).

Since 2008 he also manages the research lines at CTNS (now Eurecat) that have made good contributions to the metabolic imprinting (Del Bas, J, Nutr Biochem. 2015), the effects of polyphenols (Del Bas J, Int J Obes, 2015) and the biomarkers of healthy status (Caimari A, IJO, 2013) and dyslipidemia (Caimari A. AJCN, 2016). Created in 2008, CTNS is a technological Centre that provides scientific services regarding efficacy of functional ingredients from the design to validation of health claims. The Centre has been involved in the preparation of more than 10 EU project proposals, and has performed 100+ projects with industrial partners. CTNS has participated in 8 of the largest Spanish public-private collaborative projects (15+ M€ each), with several companies in the development of functional foods (MED-DEV-FUN), in the production of new foods for the elderly population (SENIFOOD), new biomarkers of healthy status (INCOMES) and a new generation of smart functional foods (SMARTFOODS).

Since 2013, he also manages the scientific and technological platform Centre for Omic Sciences (COS). The COS is a singular scientific and technological infrastructure specialized in metabolomics and proteomics but also the integration with genomics and transcriptomics. The research group is making also good contributions to the metabolomic methods to look for new biomarkers (Canela A, J Chromatogr A. 2016 and Electrophoresis, 2016)

At a European level, he was member of the NUGO associated and has participated in European projects such as the Cost Action MITOFOOD and the large collaborative project BIOCLAIMS (KBBE-2009), among other initiatives.