

 Month, Day	 Where	 Time
4 <sup>th</sup> June 2024	Aula D Plesso "G. Tecce", CU018	11.0 – 12.30
6 <sup>th</sup> June 2024	Aula A "R. Giuliano", CU019	11.0 – 12.30
7 <sup>th</sup> June 2024	Edificio A, CU034	10.0 – 11.30
11 <sup>st</sup> June 2024	Aula D Plesso "G. Tecce", CU018	11.0 – 12.30
13 <sup>rd</sup> June 2024	Aula A "R. Giuliano", CU019	11.0 – 12.30
14 <sup>th</sup> June 2024	Edificio A, CU034	10.0 – 11.30

## Prof. Alejandro Cifuentes

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Prof. Alejandro Cifuentes is a Full Research Professor at the National Research Council of Spain (CSIC) in Madrid, Head of the Laboratory of Foodomics and Director of the Metabolomics Platform belonging to the Campus of International Excellence UAM+CSIC. He has been Founding Director of the Institute of Food Science Research (CIAL, 2007-2010) and Deputy Director of the Institute of Industrial Fermentations (2006-2011), both belonging to CSIC.

Coauthor of over 400 SCI papers, 40 books and book chapters and 9 patents, Prof. Cifuentes h index is 72 (Scopus) and his works have received more than 20000 citations. He has been included in the Top 1% World Scientists by the Stanford University Ranking. He has defined for the first time in a SCI journal the new discipline of Foodomics.

Prof. Cifuentes lessons will cover several issues regarding the application of omics sciences on Food Analysis and Nutrition, as well as the characterization of functional ingredients from natural sources by separation techniques and *in vitro* assays.

The effects of food matrices on human health, mainly colon cancer and Alzheimer, will also be considered.

Day 1: "An introduction to the PhD course at Sapienza University or Why to be an analytical chemist is not easy" "Detection and characterization of transgenic foods"

Day 2: "Advanced uni- and bidimensional capillary electromigration Techniques: some applications including chiral analysis"

Day 3: "Foodomics: An overview on fundamentals of the main omics techniques. Part I"

Day 4: "Foodomics: An overview on fundamentals of the main omics techniques. Part II"

Day 5: "Foodomics: Applications (including Alzheimer biomarkers)"

Day 6: "Food and Health: Foodomics and Colon Cancer"

