



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

DIPARTIMENTO
DI FARMACIA
E BIOTECNOLOGIE

AVVISO DI SEMINARIO

Il giorno **17 marzo 2025**
alle ore **14:30**

Prof.ssa Adele Costabile

Associate Professor, Health Science and Nutrition, Roehampton University, London
(ospite del Prof. Marco Candela)

terrà un seminario in lingua inglese dal titolo:

The Next Frontier in Understanding Human Health and Advancing Biotherapeutics

Area tematica: Nutrition and health

in presenza:

Aula A, Farmacologia, via Irnerio 48, Bologna BO

Collegli e studenti sono cordialmente invitati

ABSTRACT

The advancement of biotherapeutics has transformed healthcare, offering innovative treatments for conditions such as diabetes, metabolic syndrome, and obesity. The next frontier in understanding human health lies in harnessing nutrigenomics to develop targeted and personalized therapies. Incorporating artificial intelligence and machine learning in nutraceutical discovery is accelerating the identification of novel therapeutic targets, paving the way for more effective health interventions. This seminar will highlight current trends and future directions in biotherapeutics, addressing the challenges and opportunities in advancing next-generation therapies. Join Dr. Adele Costabile as she explores how tailored nutrition leverages cutting-edge science to optimize performance, recovery, and overall well-being. Discover innovative, science-backed strategies designed to meet the unique needs of health-literate individuals, while providing valuable insights for health professionals and researchers.

BIOGRAPHICAL SKETCH

Currently an Associate Professor in Health Science and Nutrition at Roehampton University in London, she has gained solid academic experience, starting with a post-doc at the University of Reading (2005-2014). Her research focuses on the impact of nutraceuticals and bioactive compounds on health, developing in vitro models to study their effects on diseases and well-being. Over the past six years, she has secured over €1 million in funding, both through competitive grants and industry collaborations, and has contributed to the technology transfer of research products in the biotech sector and their translation into clinical trials. She has extensive experience in teaching and supervising PhD students at both the University of Reading and Roehampton, delivering courses in food science, clinical nutrition, applied microbiology, and food safety. She has established collaborations with prestigious institutions such as King's College London, the University of Copenhagen, Wageningen University, and UNIBO, as well as industry projects with Optibiotix Health and Alfa Wassermann. Finally, she is actively involved in scientific outreach through initiatives such as the Microbiology Research Day and Careers Workshop.