

Donatella Cimini, Assistant Professor at the University of Campania L. Vanvitelli

Donatella Cimini graduated with summa cum laude in 2002 in Biotechnology at the University of Naples Federico II. She carried out her PhD at The Department of Experimental Medicine, Second University of Naples (now University of Campania L. Vanvitelli) in “Biosynthesis of Molecules of Biotechnological Interest”. She was a visiting PhD-student for 13 months at the Technical University of Denmark (DTU), Biocentrum, working in the field of model-driven metabolic engineering of the yeast *Saccharomyces cerevisiae*. In 2011 she became assistant professor in Chemistry and Biochemistry of fermentations (CHIM11) at the SUN and she possesses the National Scientific Qualification for being eligible to the role of Associate Professor in the SSD CHIM11 from 2017. She teaches Biological Chemistry of Fermentations at the University of Campania L. Vanvitelli and Laboratory of Applied Bioprocesses. She is part of the teaching body of the PhD in Translational Medicine. She was involved in more than 10 National projects and research assignments with industrial partners. She is member of the Editorial board of *Frontiers in Bioengineering and Biotechnology* and *Fermentation* as Associate Editor and member of the Editorial board of *Frontiers in Fungal Biotechnology* as Review Editor.

Main fields of interest regard the engineering of microorganisms for the production of molecules with biotechnological applications (eg. polysaccharides with pharmaceutical applications, building blocks used as precursors for the production of bioplastics, proteins and hormones); the development of fermentation and purification processes from lab to pilot scale also in collaboration with industrial partners, on semidefined media as well as on renewable resources-based media (e.g. agro-industrial waste, lignocellulosic biomasses); the production and characterization of probiotics and postbiotics.