

# Professore emerito Università Statale

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## MARIO ANASTASIA

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AREA DISCIPLINARE  
BIOCHIMICA E CHIMICA  
MEDICA

DIPARTIMENTO  
SCIENZE BIOMEDICHE,  
CHIRURGICHE E  
ODONTOIATRICHE

ANNO DI NOMINA  
2017

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## NOTA BIOGRAFICA

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Born, in 1943, in Maglie (LE), he graduated from Liceo Classico (1961), and received his Laurea degree in Chemistry (1966) at the University of Pavia, discussing a thesis in organic chemistry (his first publication).

From Pavia, he joined the University of Milano in 1971, where he started to teach Medical Chemistry. He was then promoted Assistant Professor in 1973, Associated Professor in 1982, and Full Professor in 1986.

His research mainly focused on the synthesis of natural compounds of biological interest, developing new synthetic tools and reactions: from a number of unreported stereoisomers of cholesterol, to various plant hormones, to C-glycosides, as carminic acid, and the clinically used antitumor Etoposide. More recently, he faced the chemistry of some important markers of bone and cartilage degradation (free and glycosilated pyri- and deoxy-pyri-dinolines).

With the intelligent and enthusiastic synergism of his collaborators, his group resulted in the synthesis of all known pyridinoline congeners and, more recently, faced the chemistry of sialic acids, in this case, clarifying many literature misconceptions and reporting some new specific reactions.

He held more than one hundred lectures worldwide and he published more than 140 scientific papers in peer reviewed journals, as well as several patents, and he published a comparable number of congress communications, three books of Chemistry, and one of Dental Material Science.

He was vice-Director and then Director of the Department of Chemistry and Biochemistry from 1997

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## CONTATTI

*Prof. Mario Anastasia*  
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to 2008.

He has been Chairman of the degree course “Biomedical Laboratory Techniques” (2007-2013), and member of the Programming Commission of the Faculty of Medicine (2002-2010).

He has been National Responsible of the Giochi della Chimica and head mentor of the Italian Team at the International Olympiad of Chemistry and member of the International Chemistry Olympiad Commission for more than 25 years.

Since long time he has been member of the Italian Chemical Society, of the Italian Biochemical and Molecular Biology Society, of the American Chemical Society and of the Royal Society of Chemistry and still is active review for various journals edited by these Associations and by relevant Editors.

He was awarded the gold medal “Domenico Marotta” by the Italian Chemical Society (SCI, 2006), and a silver medal (2009) from the Didactic Division of SCI.

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## PUBBLICAZIONI PRINCIPALI

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- Anastasia M., Fiecchi A., Scala A. and Del Puppo M. "Synthesis of Chondrillasterol and Spinasterol [(22E,24R)- and (22E,24S)-5\*-Stigmasta-7,22-dien-3 $\beta$ -ol]" *J. Chem. Soc. Perk. T. 1*, 2561-2562 (1981)
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- Rota P., Allevi P., Colombo R., Costa M.L., Anastasia M. "General and Chemoselective N-Transacylation of Secondary Amides by Means of Perfluorinated Anhydrides". *Angew. Chem. Int.*, 49, 1850-1853 (2010)
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