

BIOGRAPHICAL SKETCH

Name Cirilli Maurizio	Position Principal Investigator
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Date of Birth	April 23, 1957		
Education and Training			
Institution and Location	Degree	Year	Field of Study
University "La Sapienza"- Rome	Doctorate Biology	1984	Protein Chemistry

RESEARCH AND PROFESSIONAL EXPERIENCE

University of Viterbo Post-doc fellow..... Jan1985- Jan1986..... Protein Biochemistry

Institute of Crystallography-CNR.....Post-doc fellow..... Feb1986-Dec1988..... Bio-crystallography

Institute of Crystallography-CNR..... Research Scientist...Dec1988-Mar2003.... Bio-crystallography

Albert Einstein College of Medicine, New York USA..Research Associate.....Feb1997-Aug1999... Bio-crystallography

Weill Medical College of Medicine-Cornell University, New York, USA...Research Associate....Aug1999-Aug2002....Bio-crystallography

Institute of Neurobiology and Molecular Medicine-CNR...Research Scientist...Mar2003-present.....Bio-crystallography

PATENTS

POLITI V., GAVUZZO E., GALLINA C., DI STAZIO G., D'ALESSIO S., SELLA A., PIAZZA C., GIORDANO C., GORINI B., PANINI G., PAGLIALUNGA PARADISI M., CIRILLI M., POCHETTI G., MAZZA F.
" Inhibitors of Metalloproteinase, their Therapeutic Use, and Process for the Production of the Starting Compound in the Synthesis".
European Patent n. EP 1019434, 1 Oct. 2003.

POLITI V., GAVUZZO E., GALLINA C., DI STAZIO G., D'ALESSIO S., SELLA A., PIAZZA C., GIORDANO C., GORINI B., PANINI G., PAGLIALUNGA PARADISI M., CIRILLI M., POCHETTI G., MAZZA F.
"Metalloproteinase Inhibitors, their Therapeutic Use and Process for the Production of the Starting Compound in the Synthesis Thereof".
Patent No. US 6,339,160 B1, 15 Jan. 2002.

POLITI V., GAVUZZO E., GALLINA C., DI STAZIO G., D'ALESSIO S., SELLA A., PIAZZA C., GIORDANO C., GORINI B., PANINI G., PAGLIALUNGA PARADISI M., CIRILLI M., POCHETTI G., MAZZA F.
"Inhibitors of Metalloproteinase, their Therapeutic Use, and Process for the Production of the Starting Compound in the Synthesis".
Patent No. 98932516, 30 Mar. 2000.

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"Preparation of Phosphotryptophanyl Peptides, Metalloproteinase Inhibitors".
Patent: PCT Int. Appl. WO 99 03,878 (Cl. C07k5/00),
28 Jan. 1999, Appl. 97/RM441, 17 Jul 1997, 40 pp. (Eng).

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"Nuovi inibitori di metalloproteinasi, loro uso terapeutico e procedimento per la produzione del composto di partenza nella loro sintesi".
Brevetto n° RM97A0441, 1997.

Relevant publications:

TEMPERINI C, **CIRILLI M**, ASCHI M, UGHETTO G
"Role of the amino sugar in the DNA binding of disaccharide anthracyclines: crystal structure of the complex MAR70/d(CGATCG)."
Bioorg Med Chem. (2005) 13, 1673-9.

LUSTBADER J, **CIRILLI M**, LIN C., XU H.W., CASPERSEN C., WANG N., TAKUMA K., CHEN X., CHANEY M. TRINCHESE F., LIU S., KUPPUSAMY P., ZEWIER Z., ARANCIO O., STERN D., YAN S.D., WU H.
"ABAD Directly Links A β to Mitochondrial Toxicity in Alzheimer's Disease"
Science (2004) 304, 448-52

CIRILLI M., HENG R., SCAPIN G., BLANCHARD J.S.
"The three-dimensional structures of the Mycobacterium tuberculosis dihydrodipicolinate reductase-NADH-2,6-PDC and -NADPH-2,6-PDC complexes. Structural and mutagenic analysis of relaxed nucleotide specificity"
Biochemistry. (2003). 42, 10644-50

YE H., **CIRILLI M.**, WU H.
"The use of construct variation and diffraction data analysis in the crystallization of the TRAF domain of human tumor necrosis factor receptor associated factor 6"
Acta Cryst. (2002). D58, 1886-1888

YE H., ARRON J.R., LAMOTHE B., **CIRILLI M.**, KOBAYASHI T., SHEVDE N.K., SEGAL D., DZIVENU O.K., VOLOGODSKAYA M., YIM M., DU K., SINGH S., PIKE J.W., DARNAY B.G., CHOI Y., WU H.
"Distinct molecular mechanism for initiating TRAF6 signalling"
Nature. (2002) 418, 443-7.

XU G., **CIRILLI M.**, HUANG Y., RICH R.L., MYSZKA D.G., WU H.
"Covalent inhibition revealed by the crystal structure of the caspase8/p35 complex."
Nature. (2001) 410, 494-7

CIRILLI M., SCAPIN G., SUTHERLAND A., VEDERAS J.C., BLANCHARD J.S..
"The three-dimensional structure of the ternary complex of Corynebacterium glutamicum diaminopimelate dehydrogenase-NADPH-L-2-amino-6-methylene-pimelate"

Protein Sci. (2000) 10 , 2034-7.

CIRILLI M., ZHENG R., SCAPIN G., BLANCHARD J.S.

“ Structural Symmetry: The Three-Dimensional Structure of Haemophilus influenzae Diaminopimelate Epimerase “

Biochemistry (1998) 37, 16452-16458.

Overall publication statistics by “Publish or Perish” software

Papers: 21	Cites/paper: 34.96	h-index: 11	AWCR: 102.87
Citations: 834	Cites/author: 167.31	g-index: 23	AW-index: 10.14
Years: 19	Papers/author: 6.00	hc-index: 6	AWCRpA: 21.12
Cites/year: 42.32	Authors/paper: 4.35	hl-index: 2.37	e-index: 25.77
	hl,norm: 5	hm-index: 2.92	

Hirsch a=6.64, m=0.58

Contemporary ac=11.42

Cites/paper 34.96/8.0/0 (mean/median/mode)

Authors/paper 4.35/4.0/multi (mean/median/mode)