

ALL. B

Decreto Rettore Università di Roma “La Sapienza” n 176/2018 del 10.01.-2018

Mara Cirone
Curriculum Vitae

Place: Roma

Date: 12-02-2018

Part I – General Information

Full Name	Mara Cirone
Date of Birth	
Place of Birth	
Citizenship	
Permanent Address	
Mobile Phone Number	
E-mail	
Spoken Languages	Italian-English

Part II – Education

Type	Year	Institution	Notes (Degree, Experience,...)
University graduation	1986	University of Rome Sapienza	MD degree
Post-graduate studies			
PhD	1994	University of Rome Sapienza	PhD in Experimental Medicine
Specialty	1999	University of Rome Sapienza	Allergology and Clinical Immunology
Pre-doctorate training			
Licensure 01			
Licensure 02			

Part III – Appointments

IIIA – Academic Appointments

Start	End	Institution	Position
1989	1991	La Scripps Research Institute, USA	Research Fellow
1991	2001	University of Rome La Sapienza	Tecnico Laureato
2001	present	University of Rome La Sapienza	Ricercatore MED04

--	--	--	--

IIIB – Other Appointments

Start	End	Institution	Position
2005	present	Servizio di Virologia, Policlinico Umberto I, University of Rome La Sapienza	Dirigente Medico I livello

Part IV – Teaching experience

Year	Institution	Lecture/Course
2001-present	University of Rome Sapienza	General Pathology nei corsi di laurea magistrale in Medicina e Chirurgia e Odontoiatria e Protesi Dentale. Oncology nei corsi di laurea in Tecniche di Laboratorio Biomedico e Tecniche di Radiologia Medica per Immagini e Radioterapia.

Part V - Society memberships, Awards and Honors

Year	Title
2015 - present	Member of Editorial Board of Scientific Reports (Nature Publishing Group).
2017	Awards on: "Autophagy interaction with HHV-6 infection" by "HHV-6 Foundation".
2015 - present	Member of "Collegio dei Docenti del Dottorato di Ricerca in Medicina Sperimentale", University of Rome Sapienza

Part VI - Funding Information [grants as PI-principal investigator or I-investigator]

Year	Title	Program	Grant value
------	-------	---------	-------------

2015	Gammaherpesviruses and autophagy	Responsible for Progetto di ricerca Ateneo	8000
2016			12000
2017			11000

Part VII – Research Activities

Keywords

Brief Description

viruses immunology cancer autophagy	The research is aimed at investigating Gammaherpesvirus strategies that promote tumorigenesis and immune suppression and is mainly focused on virus-mediated autophagy manipulation.

Part VIII – Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
P a p e r s [international]	64	Scopus	1989	2017
Papers [national]				
Books [scientific]				
Books [teaching]				

Total Impact factor	283
Average Impact factor per Product	4.4
Total Citations	1667
Average Citations per Product	25
Hirsch (H) index	20
Normalized H index*	0.7

*H index divided by the academic seniority.

Part IX– Selected Publications

List of the publications selected for the evaluation. For each publication report title, authors, reference data, journal IF (if applicable), citations, press/media release (if any).

[1\) Chloroquine supplementation increases the cytotoxic effect of curcumin against Her2/neu overexpressing breast cancer cells *in vitro* and *in vivo* in nude mice while counteracts it in immune competent mice.](#)

Masuelli L, Granato M, Benvenuto M, Mattera R, Bernardini R, Mattei M, d'Amati G, D'Orazi G, Faggioni A, Bei R, **Cirone M.**

Oncoimmunology. Jul 31;6(11):e1356151. 2017 (I.F. 7.719) (cit.0)

[2\) Bortezomib promotes KHSV and EBV lytic cycle by activating JNK and autophagy.](#)

Granato M, Romeo MA, Tiano MS, Santarelli R, Gonnella R, Gilardini Montani MS, Faggioni A, **Cirone M.**

Sci Rep. Oct 12;7(1):13052. 2017 (I.F. 4.259) (cit.1)

[3\) Metformin triggers apoptosis in PEL cells and alters bortezomib-induced Unfolded Protein Response increasing its cytotoxicity and inhibiting KSHV lytic cycle activation.](#)

Granato M, Gilardini Montani MS, Romeo MA, Santarelli R, Gonnella R, D'Orazi G, Faggioni A, **Cirone M.**

Cell Signal. Dec;40:239-247. 2017 (I.F. 3.937) (cit.1)

[4\) Oxidant species are involved in T/B-mediated ERK1/2 phosphorylation that activates p53-p21 axis to promote KSHV lytic cycle in PEL cells.](#)

Gonnella R, Yadav S, Gilardini Montani MS, Granato M, Santarelli R, Garufi A, D'Orazi G, Faggioni A, **Cirone M.**

Free Radic Biol Med. Nov;112:327-335. 2017 (I.F. 5.606) (cit.1)

[5\) KSHV reduces autophagy in THP-1 cells and in differentiating monocytes by decreasing CAST/calpastatin and ATG5 expression.](#)

Santarelli R, Granato M, Pentassuglia G, Lacconi V, Gilardini Montani MS, Gonnella R, Tafani M, Torrisi MR, Faggioni A, **Cirone M.**

Autophagy. Dec;12(12):2311-2325. 2016 (I.F. 8.593) (cit.7)

[6\) The activation of KSHV lytic cycle blocks autophagy in PEL cells.](#)

Granato M, Santarelli R, Filardi M, Gonnella R, Farina A, Torrisi MR, Faggioni A, **Cirone M.**

Autophagy. Nov 2;11(11):1978-1986. 2015 (I.F. 9.108) (cit.5)

[7\) Capsaicin triggers immunogenic PEL cell death, stimulates DCs and reverts PEL-induced immune suppression.](#)

Granato M, Gilardini Montani MS, Filardi M, Faggioni A, **Cirone M.**

Oncotarget. Oct 6;6(30):29543-54. 2015 (I.F. 5.008) (cit.9)

[8\) Tyrosine kinase inhibitor tyrphostin AG490 triggers both apoptosis and autophagy by reducing HSF1 and Mcl-1 in PEL cells.](#)

Granato M, Chiozzi B, Filardi MR, Lotti LV, Di Renzo L, Faggioni A, **Cirone M.**

Cancer Lett. Oct 1;366(2):191-7. 2015 (I.F. 5.992) (cit.9)

[9\) PKC theta and p38 MAPK activate the EBV lytic cycle through autophagy induction.](#)

Gonnella R, Granato M, Farina A, Santarelli R, Faggioni A, **Cirone M.**

Biochim Biophys Acta. Jul;1853(7):1586-95. 2015 (I.F. 5.083) (cit.7)

[10\) Epstein-barr virus blocks the autophagic flux and appropriates the autophagic machinery to enhance viral replication.](#)

Granato M, Santarelli R, Farina A, Gonnella R, Lotti LV, Faggioni A, **Cirone M.**

J Virol. Nov;88(21):12715-26. 2014 (I.F. 4.439) (cit.37)

[11\) STAT3 activation by KSHV correlates with IL-10, IL-6 and IL-23 release and an autophagic block in dendritic cells.](#)

Santarelli R, Gonnella R, Di Giovenale G, Cuomo L, Capobianchi A, Granato M, Gentile G, Faggioni A, **Cirone M.**

Sci Rep. Feb 28;4:4241. 2014 (I.F. 5.078) (cit.27)

[12\) Hepatitis C virus present in the sera of infected patients interferes with the autophagic process of monocytes impairing their in-vitro differentiation into dendritic cells.](#)

Granato M, Lacconi V, Peddis M, Di Renzo L, Valia S, Rivanera D, Antonelli G, Frati L, Faggioni A, **Cirone M.**

Biochim Biophys Acta. Jul;1843(7):1348-55. 2014 (I.F. 5.083) (cit.9)

Data 12-02-2018

Firma *Mara Cirone*