EUROPEAN CURRICULUM VITAE FORMAT

PERSONAL INFORMATION

Name	CATANI MARIA VALERIA
Address	VIA MONTPELLIER 1, ROME, ITALY
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E-mail	catani@uniroma2.it

Nationality	Italian
Date of Birth	May 4th, 1965
Gender	Female

WORK EXPERIENCE

• From 2006 - up to now

Associate Professor of Biochemistry – SSD BIO/10
Tor Vergata University of Rome, Via Montpellier 1, 00133 Rome, Italy
• Coordination and participation in scientific research groups (see below)
• Member of the Department of Experimental Medicine
• Member of the Academic Board of the PhD Course in "Biochemistry and Molecular Biology"
• Teaching of: Master Degree in Medicine and Surgery, Master Degree in Human Nutrition Sciences, Master Degree in Medical Biotechnologies, Bachelor Degree in Motor Sciences, First and Second level Specializing Masters of Faculty of Medicine and Surgery

• From 2001 to 2006

Assistant Professor – tenured position SSD BIO/10 Biochemistry
Tor Vergata University of Rome, Via Montpellier 1, 00133 Rome, Italy
• Participation in scientific research groups (see below)
• Member of the Department of Experimental Medicine
• Member of the Academic Board of the PhD Course in "Biochemistry and Molecular Biology"
• Teaching of: Master Degree in Medicine and Surgery, Master Degree in Human Nutrition Sciences, Master Degree in Medical Biotechnologies, Bachelor Degree in Motor Sciences, First and Second level Specializing Masters of Faculty of Medicine and Surgery

• From 1998 to 2000

Research assistant – tenured position
Istituto Dermopatico dell'Immacolata (I.D.I.-IRCCS), Via Monti di Creta 104, 00167 Rome, Italy
Scientific research for project "Mechanisms of ectodermal differentiation: role of transglutaminases and their substrates loricrin and tricoyaline"

• 1998

Fellowship
Istituto Dermopatico dell'Immacolata (I.D.I.-IRCCS), Via Monti di Creta 104, 00167 Rome, Italy
Scientific research for project "Mechanisms of epidermal differentiation"

• 1992

Work experience abroad – 3 months
Skin Biology Lab (Prof. Peter Steinert), NIAMS, NIH, Bethesda, Maryland, USA.
Scientific research for project "Current research in Biochemistry"

• From 1989 to 1991

Fellowship
Istituto Medicina Sperimentale CNR, Piazzale Aldo Moro, 7, 00185 Rome, Italy
Scientific research for project "Mechanisms of replication and regulation of eukaryotic genes and their targeted modifications"

EDUCATION AND TRAINING

• **1998**	Specialization degree in Microbiology and Virology - final score 70/70 cum Laude La Sapienza University of Rome, Piazzale Aldo Moro, 5, 00185 Rome, Italy Thesis title: “Mechanisms of neurotoxicity induced by gp120, the coating glycoprotein of the HIV-1 virus”
• **1997**	Ph.D. degree in Biology and Physiopathology of Epithelia Tor Vergata University of Rome, Via Montpellier 1, 00133 Rome, Italy
• **1991**	Qualification to practice the profession of Biologist (State Examination). National Order of Biologists
• **1989**	Master degree in Biology – final score 110/110 cum Laude La Sapienza University of Rome, Piazzale Aldo Moro, 5, 00185 Rome, Italy Thesis title: "Analysis of the *in vitro* self-assembly mechanism of the major ribosomal subunit of the extreme thermophilic archaeobacterium *Sulfolobus solfataricus*".

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE	**ITALIAN**
OTHER LANGUAGE	**ENGLISH**
• Understanding	EXCELLENT
• Writing	EXCELLENT
• Speaking	EXCELLENT

SOCIAL SKILLS AND COMPETENCES

Attitude to collaborate with colleagues and work in different research groups.
Ability to interact with all levels of the University hierarchy, and with technical and administrative structures.
Commitment to professional development of her own career and mentor for others.
Integrated language, communication, and environment skills, especially in an international context.
Excellent ability to communicate with university students.

ORGANISATIONAL SKILLS AND COMPETENCES

Ability to lead in executing collaborative research projects in cooperation with colleagues and project partners.
Supervisor and co-supervisor of more than 30 students for their Bachelor, Master, First and Second level Specializing Masters, and PhD degrees

TECHNICAL SKILLS AND COMPETENCES

Scientific experience in the following lines of research:

- Modulation of specific microRNAs delivered by platelets microvesicles in breast cancer cells and their role in tumor progression.
- Role of antioxidant nutrients in oncology.
- Role of bioactive lipids in megakaryocytic differentiation and platelet biogenesis and activation.
- Role of bioactive lipids in intercellular communication (blood, endothelial and tumor cells) with implications in cardiovascular and oncological diseases.
- Role of reactive oxygen/nitrogen species, antioxidant nutrients and redox-sensitive transcription factors in cell differentiation and death in several experimental models (muscle cells, keratinocytes, cancer cells, etc.).

<u>International and National funded research projects</u>
Principal investigator
2022
Agency: Tor Vergata University of Rome. Tor Vergata 2021-2022 Research Program. Title:

"miR126-CB2 crosstalk in breast cancer (miRCBBC)". Budget € 8.331,80.

Participant

From 2017 to 2020

Agency: MUR. PRIN - (prot. 2017BF3PXZ_002 – "Exploring the role of mitochondrial dynamics in cancer signaling cascades: integrating HIF1, hedgehog and Rap1".

From 2011 to 2013

Agency: MUR. PRIN - (prot. 20095SWFHZ_003 – "Role of endocannabinoids in regulation of megakaryopoiesis e platelet biogenesis *in vitro*".

From 2008 to 2010

Agency: MUR. PRIN (prot. 2007NMKBKL_003) "endocannabinoids-triggered differentiation and cell death in platelets and their precursors: role of redox state".

OTHER SKILLS AND COMPETENCES

Membership

Member of platelet study group (GSP)

Member of Italian Society for Human Nutrition (SINU)

Editorial experience

- Topical Advisory Panel Member of "International Journal of Molecular Sciences" (IF 5.924)
- Guest editor of the following Special Issues in IJMS:
  - Molecular Research on Platelet Activity in Health and Disease
  - Molecular Research on Platelet Activity in Health and Disease 2.0
  - Molecular Research on Platelet Activity in Health and Disease 3.0
  - Molecular Research on Platelet Activity in Health and Disease 2022
  - Noncoding RNAs: Molecular Mechanisms and Physio-Pathological Implications
- Referee for international scientific journals, including International Journal of Molecular Sciences, Clinical and Translational Medicine, Applied Science, Biochimie, Current Chemical Biology, Cannabis and Cannabinoid Research.

PUBLICATIONS

The global research activity led to publication of 89 articles in national and international scientific journals (H-Index (Scopus) = 34, citations: 3525 H-Index (Google Scholar) = 36, citations: 5131), 4 monographs/book chapters on Biochemistry and over 60 presentations at National and International Congresses.

ORCID ID: https://orcid.org/0000-0002-7088-9242

List of publications

2023

1. Gasperi V, Savini I, Catani MV. Assay of CB1 Receptor Binding. Methods Mol Biol. 2023;2576:95-109. doi: 10.1007/978-1-0716-2728-0_7. [IF. 1.17 al 2020]

2. Catani MV, Tullio V, Maccarrone M, Gasperi V. DNA-Protein-Interaction (DPI)-ELISA Assay for PPAR-γ Receptor Binding. Methods Mol Biol. 2023;2576:133-143. doi: 10.1007/978-1-0716-2728-0_10 [IF. 1.17 al 2020]

2022

3. Sibilano M, Tullio V, Adorno G, Savini I, Gasperi V, Catani MV. Platelet-Derived miR-126-3p Directly Targets AKT2 and Exerts Anti-Tumor Effects in Breast Cancer Cells: Further Insights in Platelet-Cancer Interplay. Int J Mol Sci. 2022 May 13;23(10):5484. doi: 10.3390/ijms23105484. [IF. 5.923 al 2020]

4. Catani MV, Savini I, Gasperi V. Molecular Research on Platelet Activity in Health and Disease 3.0. Int J Mol Sci. 2022 May 16;23(10):5530. doi: 10.3390/ijms23105530. [IF. 5.923 al 2020].

2021

5. Marchetti P, Antonov A, Anemona L, Vangapandou C, Montanaro M, Botticelli A, Mauriello A, Melino G, Catani MV. New immunological potential markers for triple negative breast cancer: IL18R1, CD53, TRIM, Jaw1, LTB, PTPRCAP. Discov Onc 12, 6 (2021). doi.org/10.1007/s12672-021-00401-0 [IF. 6.244 al 2020].

6. Catani MV, Rinaldi F, Tullio V, Savini I, Gasperi V. Comparative analysis of phenolic composition and antioxidant activity of six commercially available chamomile (Matricaria chamomilla L.) extracts on human colon Caco2 cells. Int. J. Mol.Sci. 2021, 22, 10601. [IF. 5.923 al 2020].

7. Catani MV, Savini I, Tullio V, Gasperi V. Molecular Research on Platelet Activity in Health and Disease 2.0. Int J Mol Sci. 2021 May 7;22(9):4968. doi: 10.3390/ijms22094968. [IF. 5.923 al 2020].

8. Croci S, D'Apolito LI, Gasperi V, Catani MV, Savini I. Dietary Strategies for Management of Metabolic Syndrome: Role of Gut Microbiota Metabolites. Nutrients. 2021;13(5):1389. [IF.5.719 al 2020].

2020

9. Gasperi V, Tullio V, Catani MV, Savini I. The Impact of Whole Grain Intake on Gastrointestinal Tumors: A Focus on Colorectal, Gastric, and Esophageal Cancers. Nutrients. 2020 29;13(1):E81. [IF.5.719 al 2020].

10. Catani MV, Savini I, Gasperi V. Molecular research on platelet activity in health and disease. Int. J. Mol. Sci. 2020,21, 3804. [IF. 5.923 al 2020].

11. Gasperi V, Catani MV, Savini I, Platelet Responses in Cardiovascular Disease: Sex-Related Differences in Nutritional and Pharmacological Interventions. Cardiovascular Therapeutics 2020, 2342837 [IF 3.023 al 2020].

12. Catani MV, Savini I, Tullio V, Gasperi V. The "Janus Face" of Platelets in Cancer. Int. J. Mol. Sci. 2020, 21, 788. [IF 5.923 al 2020].

2019

13. Gasperi V, Vangapandu C, Savini I, Ventimiglia G, Adorno G, Catani MV. Polyunsaturated fatty acids modulate the delivery of platelet microvesicle-derived microRNAs into breast cancer cells. J Nutr Biochem. 2019 27;74:108242. doi: 10.1016/j.jnutbio.2019.108242. [IF 6.048 al 2020].

14. De Cicco P, Catani MV, Gasperi V, Sibilano M, Quaglietta M, Savini I. Nutrition and Breast Cancer: A Literature Review on Prevention, Treatment and Recurrence. Nutrients. 2019 Jul 3;11(7). pii: E1514. [IF.5.719 al 2020].

15. Gasperi V, Sibilano M, Savini I, Catani MV. Niacin in the central nervous system: an update of biological aspects and clinical applications. Int J Mol Sci. 2019. Feb 23;20(4). pii: E974. [IF. 5.923 al 2020].

2018

16. Catani MV, Gasperi V, Bisogno T, Maccarrone M. Essential dietary bioactive lipids in neuroinflammatory diseases. Antioxid Redox Signal. 2018 1;29(1):37-60. [IF. 8.401 al 2020].

17. Iacoviello L, Bonaccio M, Cairella G, Catani MV, Costanzo S, D'Elia L, Giacco R, Rendina D, Sabino P, Savini I, Strazzullo P; Working Group for Nutrition and Stroke. Diet and primary prevention of stroke: Systematic review and dietary recommendations by the ad hoc Working Group of the Italian Society of Human Nutrition. Nutr Metab Cardiovasc Dis. 2018 Apr;28(4):309-334. doi: 10.1016/j.numecd.2017.12.010. [IF. 4.222 al 2020].

2017

18. Gasperi V, Vangapandu C, Catani MV, Savini I. Nutrigenomics. In eLS. John Wiley & Sons, Ltd: Chichester. 2017. DOI: 10.1002/9780470015902.a0021027.

2016

19. Savini I. Gasperi V, Catani MV. Nutrigenetics. In eLS. John Wiley & Sons, Ltd: Chichester. 2016. DOI: 10.1002/9780470015902.a0021028

20. Catani MV, Gasperi V. Assay of CB1 Receptor Binding. Methods Mol Biol. 2016; 1412:41-55. [IF. 1.17 al 2020].

21. Savini I, Gasperi V, Catani MV, Oxidative stress and obesity. Obesity-a practical guide. In: Ahmad S., Imam S. (eds) Obesity. Springer, Cham 2016. Doi: 10.1007/978-3-319-19821-7

2015

22. Catani MV, Gasperi V, Savini I, Del Principe D. Platelets and their disorders. In eLS. John Wiley & Sons, Ltd: Chichester 2015. doi:10.1002/9780470015902.a0002253.

23. Vangapandu C, Gasperi V, Catani MV, Savini I. Obesity and gastrointestinal malignancies. Reviews In Gastroenterology, Hepatology and Nutrition. 2015. 2(1), 47-56.

24. Sica G, Fiorani C, Stolfi C, Monteleone G, Candi E, Amelio I, Catani MV, Sibio S, Divizia A, Tema G, Iaculli E, Gaspari L (2015) Peritoneal expression of Matrilysin helps identify early post-operative recurrence of colorectal cancer. Oncotarget 6:13402-15. [IF 5.008 al 2015].

25. Gasperi V, Evangelista D, Savini I, Del Principe D, Avigliano L, Maccarrone M, Catani MV. Downstream effects of endocannabinoid on blood cells: implications for health and disease. Cell Mol Life Sci. 2015. 2015 72(17):3235-3252. [IF 9.261 al 2020].

26. Gasperi V, Evangelista D, Oddi S, Florenzano F, Chiurchiù V, Avigliano L, Catani MV, Maccarrone M. Differential regulation of inflammation and proliferation of human bladder carcinoma cells by type-1 and type-2 cannabinoid receptors. Life Sciences. 2015; 138:41-51. [IF 5.037 al 2020].

2014

27. Gasperi V, Avigliano L, Evangelista D, Oddi S, Chiurchiù V, Lanuti M, Maccarrone M, Catani MV. 2-Arachidonoylglycerol enhances platelet formation from human megakaryoblasts. Cell Cycle. 2014 15;13(24):3938-47. [IF 4.534 al 2020].

28. Gasperi V, Evangelista D, Chiurchiù V, Florenzano F, Savini I, Oddi S, Avigliano L, Catani MV, Maccarrone M. 2-Arachidonoylglycerol modulates human endothelial cell/leukocyte interactions by controlling selectin expression through CB(1) and CB(2) receptors. Int J Biochem Cell Biol. 2014 8;51C:79-88. [IF 5.075 al 2020].

29. Tantimonaco M, Ceci R, Sabatini S, Catani MV, Rossi A, Maccarrone M, Gasperi V. Physical activity and the endocannabinoid system: an overview. Cell Mol Life Sci. 2014. 71(14):2681-98. [IF 9.261 al 2020].

30. Amelio I, Antonov AA, Catani MV, Massoud R, Bernassola F, Knight RA, Melino G, Rufini A. (2014) TAp73 promotes anabolism. Oncotarget. 5:12820-934. [IF 5.008 al 2015]

31. Agostini M, Niklison-Chirou MV, Catani MV, Knight RA, Melino G, Rufini A. TAp73 promotes anti-senescence-anabolism not proliferation. Aging (Albany NY). 2014 Nov;6(11):921-30. (2014) TAp73 promotes anti-senescence-anabolism not proliferation. Oncotarget. 5:12820-934. [IF 5.008 al 2016]

32. Avigliano L, Savini I, Catani MV, Del Principe D (2014). Trans-Plasma membrane electron transport in human blood platelets: an update. In: Recent Advances in Medicinal Chemistry. 1 (13) 404-432, Atta-ur-Rahman, Muhammad Iqbal Choudhary and George Perry Eds, Bentham ebooks

2013

33. Savini I, Catani MV, Evangelista D, Gasperi V, Avigliano L. Obesity-associated oxidative stress: strategies finalized to improve redox state. Int J Mol Sci. 2013. 21;14(5):10497-538 [IF 5.923 al 2020].

2011

34. Del Principe D, Avigliano L, Savini I, Catani MV. (2011) "Trans-plasma membrane electron transport in mammals: functional significance in health and disease" Antioxid Redox Signal. 14:2289-318. [IF. 8.401 al 2020]

35. Savini, I., Avigliano, L., Catani MV. (2011) Vitamin C in human platelets. In Vitamin C: nutrition, side effects and supplements. Nova Science Publishers, Inc. pp 335-352.

2010

36. Gasperi V, Catani MV, Catanzaro G, Baldassarri S, Bertoni A, Sinigaglia F, Avigliano L, Maccarrone M. Human Platelets Express Authentic CB(1) and CB(2) Receptors. Curr Neurovasc Res. 2010. 7(4):311-8 [IF 3.23 al 2010] [IF 1.990 al 2020].

37. Maccarrone M, Gasperi V, Catani MV, Diep TA, Dainese E, Hansen HS, Avigliano L. The endocannabinoid system and its relevance for nutrition. Annu Rev Nutr. 2010 21;30:423-40. [IF 11.848 al 2020].

38. Lena AM, Cipollone R, Amelio I, Catani MV, Ramadan S, Browne G, Melino G, Candi E. (2010) "Skn-1a/Oct-11 and ΔNp63α exert antagonizing effects on human keratin expression" Biochem Biophys Res Commun. 401:568-73. [IF 3.575 al 2020]

39. Savini I, Carbonelli MG, Arnone R, Catani MV. Redox balance in obesity. In: Biochemical Aspects of Human Nutrition, cap. 14, (Avigliano L & Rossi L eds), Research Signpost Publ., 2010

40. Savini I., Arnone R., Catani MV., Rossi A., Del Principe D., Avigliano L. (2010)"Redox modulation of Ecto-NOX1 in human platelets" Mol Membr Biol 27:160-9. [IF 1.647 al 2018]

41. Gasperi V, Catani MV, Evangelista D, Finazzi Agrò A, Avigliano L, and Maccarrone M. Anandamide extends platelets survival through CB(1)-dependent Akt signaling. Cell Mol Life Sci. 2010;67(4):601-10. [IF 9.261 al 2020].

2009

42. Catani MV, Fezza F, Baldassarri S, Gasperi V, Bertoni A, Pasquariello N, Finazzi-Agrò A, Sinigaglia F, Avigliano L, Maccarrone M. Expression of the endocannabinoid system in the bi-potential HEL cell line: commitment to the megakaryoblastic lineage by 2-arachidonoylglycerol. J Mol Med. 2009. 87(1):65-74 [IF. 4.599 al 2020].

43. Savini I, Arnone R, Catani MV, Avigliano L. (2009) "Origanum vulgare induces apoptosis in human colon cancer Caco2 cells" Nutr Cancer, 61:381-9. [IF 2.322 al 2014]

44. Catani MV, Fezza F, Baldassarri S, Gasperi V, Bertoni A, Pasquariello N, Finazzi-Agrò A, Sinigaglia F, Avigliano L, Maccarrone M. (2008) Expression of the endocannabinoid system in the bi-potential HEL cell line: commitment to the megakaryoblastic lineage by 2-arachidonoylglycerol. J Mol Med. 87(1):65-74. [IF. 4.599 al 2020].

45. Del Principe D, Frega G, Savini I, Catani MV, Rossi A, Avigliano L. (2009) "The plasma membrane redox system in human platelet functions and platelet leukocyte interactions" Thromb Haemost, 101:284-9 [IF. 5.834 al 2020]

46. Baldassarri S, Bertoni A, Bagarotti A, Sarasso C, Zanfa M, Catani MV, Avigliano L, Maccarrone M, Torti M, Sinigaglia F. (2008) "The endocannabinoid 2-arachidonoylglycerol activates human platelets through non-CB1/CB2 receptors" J Thromb Haemost, 6:1772-9. [IF 5.824al 2020]

2008

47. Avigliano L, Savini I, Catani MV, Del Principe D. (2008) "Trans-plasmamembrane electron transport in human blood platelets" Mini Rev Med Chem,8:555-63. [IF. 3.682 al 2020]

48. Savini I, Rossi A, Pierro C, Avigliano L, Catani MV. (2008) "SVCT1 and SVCT2:key proteins for vitamin C uptake" Amino Acids, 34:347-55. [IF 3.23 al 2020]

2007

49. Savini I, Catani MV, Arnone R, Rossi A, Frega G, Del Principe D, Avigliano L. (2007) "Translational control of the ascorbic acid transporter SVCT2 in human platelets" Free Radic Biol Med, 42:608-16. [IF 7.376 al 2020]

50. Savini I, Rossi A, Catani MV, Ceci R, Avigliano L. (2007) "Redox regulation of vitamin C transporter SVCT2 in C2C12 myotubes" Biochem Biophys Res Commun, 361:385-90. IF 3.575 al 2020]

2006

51. Pittaluga M, Parisi P, Sabatini S, Ceci R, Caporossi D, Catani MV, Savini I, Avigliano L. (2006) "Cellular and biochemical parameters of exercise-induced oxidative stress: Relationship with training levels" Free Radic Res, 40:607-14. IF. 4.108 al 2020]

52. Candi E, Rufini A, Terrinoni A, Dinsdale D, Ranalli M, Paradisi A, De Laurenzi V, Spagnoli LG, Catani MV, Ramadan S, Knight RA, Melino G. (2006) "Differential roles of p63 isoforms in epidermal development: selective genetic complementation in p63 null mice" Cell Death Differ, 13:1037-47. [IF 15.828 al 2020]

2005

53. Ramadan S, Terrinoni A, Catani MV, Sayan AE, Knight RA, Mueller M, Krammer PH, Melino G, Candi E. (2005) "p73 induces apoptosis by different mechanisms" Biochem Biophys Res Commun, 331:713-7. [IF 3.575 al 2020]

54. Savini I, Catani MV, Duranti G, Ceci R, Sabatini S, Avigliano A. (2005) "Vitamin C homeostasis in skeletal muscle cells" Free Rad Biol Med, 38:898-907. [IF 7.376 al 2020]

55. Catani MV, Savini I, Rossi A, Melino G, Avigliano A. (2005) "Biological role of vitamin C in keratinocytes" Nutrition Reviews, 63:81-90. [IF 7.110 al 2020]

56. Catani, MV, Fezza, F, Gasperi V, Del Principe D, Finazzi Agrò A, Maccarrone M, Avigliano L. "Endocannabinoids and platelets – Signalling pathways. 2005 Ital. J. Biochem. 54: 4.07.

57. Catani MV, Fezza, F, Gasperi V, Sinigaglia F, Finazzi Agrò A, Avigliano L, Maccarrone M. "Endocannabinoids and platelets – Differentiation". 2005 Ital. J. Biochem. 54: 4.06.

58. Gressner O, Schilling T, Lorenz K, Schulze Schleithoff E, Koch A, Schulze-Bergkamen H, Candi E, Terrinoni A, Catani MV, Oren M, Melino G, Krammer PH, Stremmel W, MüllerM (2005) "TAp63 induces apoptosis by inducing signaling via death receptors and mitochondria" Embo J, 24:2458-71. [IF 11.6 al 2020]

2004

59. Catani MV, Savini I, Duranti G, Caporossi D, Ceci R, Sabatini S, Avigliano A.(2004) "NF-KB and AP-1 are involved in differentiation-related resistance to oxidative stress in skeletal muscle cells" Free Rad Biol Med, 37:1024-36. [IF 7.376 al 2020]

60. Iucci G, Infante G, Rossi L, Polzonetti G, Rosato N, Avigliano L, Savini I, Catani MV, Palacios AC. (2004) "Albumin-containing sol-gel glasses: chemical and biological study" J Mater Sci Mater Med, 15:601-6. [IF 3.896 al 2020]

2003

61. Catani MV, Corasaniti MT, Ranalli M, Amantea D, Litovchick A, Lapidot A, Melino G. (2003) "The Tat antagonist neomycin B hexa-arginine conjugate inhibits gp-120-induced death of human neuroblastoma cells" J Neurochem, 84:1237-45. [IF 5.372 al 2020].

62. Catani MV, Savini I, Rossi A, Duranti G, Sabatini S, Melino G, Avigliano L. (2003) "Protective and differentiating action of vitamin C in keratinocytes" Recent Res Devel Biochem, 4:643-54.

63. Savini I, Catani MV, Rossi A, Duranti G, Ranalli M, Melino G, Sabatini S, Avigliano A. (2003) "Vitamin C recycling is enhanced in the adaptive response to leptin-induced oxidative stress in keratinocytes" J Invest Dermatol, 121:786-93. [IF 8.551 al 2020]

2002

64. Catani MV, Costanzo A, Savini I, Levrero M, De Laurenzi V, Wang JY, Melino G, Avigliano L. (2002) "Ascorbate up-regulates MLH1 (Mut L homologue-1) and p73: implications for the cellular response to DNA damage" Biochem J, 364:441-7. [IF. 3.857 al 2020]

65. Savini I, Catani MV, Rossi A, Duranti G, Melino G, Avigliano L. (2002) "Characterization of keratinocyte differentiation induced by ascorbic acid: protein kinase C involvement and vitamin C homeostasis" J Invest Dermatol,118:372-9. [IF. 8.551 al 2020]

66. Maccarrone M, Navarra M, Catani MV, Corasaniti MT, Bagetta G, Finazzi-Agrò A. (2002) "Cholesterol-dependent modulation of the toxicity of HIV-1 coat protein gp120 in human neuroblastoma cells" J Neurochem, 82:1444-52. [IF 5.372 al 2020]

2001

67. Bernassola F, Catani MV, Corazzari M, Rossi A, Melino G. (2001) "Inactivation of multiple targets by nitric oxide in CD95-triggered apoptosis" J Cell Biochem, 82:123-33. [IF 4.429 al 2020]

68. Catani MV, Rossi A, Costanzo A, Sabatini S, Levrero M, Melino G, Avigliano L. (2001) "Induction of gene expression via activator protein-1 in the ascorbate protection against UV-induced damage" Biochem J, 356:77-85. [IF. 3.857 al 2020]

2000

69. De Laurenzi V, Raschellà G, Barcaroli D, Annicchiarico-Petruzzelli M, Ranalli M, Catani MV, Tanno B, Costanzo A, Levrero M, Melino G. (2000) "Induction of neuronal differentiation by p73 in a neuroblastoma cell line" J Biol Chem, 275:15226-31. [IF 5.157 al 2020]

70. Melino G, Bernassola F, Catani MV, Rossi A, Corazzari M, Sabatini S, Vilbois F,Green DR. (2000) "Nitric oxide inhibits apoptosis via AP-1-dependent CD95Ltransactivation" Cancer Res, 60:2377-83. [IF 12.701 al 2020]

71. Catani MV, Corasaniti MT, Navarra M, Nisticò G, Finazzi-Agrò A, Melino G. (2000) "gp120 induces cell death in human neuroblastoma cells through theCXCR4 and CCR5 chemokine receptors" J Neurochem, 74:2373-9. [IF 5.372 al 2020].

72. Melino G, Catani MV, Corazzari M, Bernassola F. (2000) "Nitric oxide can inhibit apoptosis or switch it into necrosis" Cell Mol Life Sci, 57:612-22. [IF 9.261 al 2020].

73. Rossi A, Catani MV, Candi E, Bernassola F, Puddu P, Melino G. (2000) "Nitric oxide inhibits cornified envelope formation in human keratinocytes by inactivating transglutaminases and activating protein 1" J Invest Dermatol,115:731-9. [IF. 8.551 al 2020]

1999

74. De Laurenzi V, Catani MV, Terrinoni A, Corazzari M, Melino G, Costanzo A, Levrero M, Knight RA. (1999) "Additional complexity in p73: induction by mitogens in lymphoid cells and identification of two new splicing variants ε and ζ" Cell Death Differ, 6:389-90. [IF 15.828 al 2020]

1998

75. Catani MV, Bernassola F, Rossi A, Melino G. (1998) "Inhibition of clotting factor XIII activity by NO" Biochem Biophys Res Comm, 249:275-8. [IF 3.575 al 2020]

76. Melino G, De Laurenzi V, Catani MV, Terrinoni A, Ciani B, Candi E, Marekov LM, Steinert PM. (1998) "The cornified envelope: a model of cell death in the skin" Results Probl Cell Differ, 24:175-212. [IF 1.176 al 2020]

1997

77. Maccarrone M, Catani MV, Finazzi-Agrò A, Melino G. (1997) "Involvement of 5-lipoxygenase in programmed cell death of cancer cells" Cell Death Differ,4:396-402. [IF 15.828 al 2020]

78. Maccarrone M, Catani MV, Iraci S, Melino G, Finazzi-Agrò A. (1997) "A survey of reactive oxygen species and their role in dermatology" J Eur Acad Dermatol Venereol, 8:185-202. [IF :6.166 al 2020]

79. Catani MV, Candi E, Mei GP, Guerrieri P, Finazzi Agrò A, Steinert PM, Melino G. (1997) "Structural and functional studies on loricrin, the major component of the cornified cell envelope" It J Biochem, 46:86-7.

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According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this