

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name CATANI MARIA VALERIA
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Nationality Italian
Date of Birth May 4th, 1965
Gender Female

WORK EXPERIENCE

- **From 2006 - up to now** **Associate Professor of Biochemistry** – SSD BIOS-07/A Biochemistry
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 BIOS-07/A Biochemistry
Tor Vergata University of Rome, Via Montpellier 1, 00133 Rome, Italy
- **From 1998 to 2000** **Research assistant** – tenured position
Istituto Dermatologico dell'Immacolata (I.D.I.-IRCCS), Via Monti di Creta 104, 00167 Rome, Italy
 - **1998 Fellowship**
Istituto Dermatologico dell'Immacolata (I.D.I.-IRCCS), Via Monti di Creta 104, 00167 Rome, Italy
 - **1992 Work experience abroad** – 3 months
Skin Biology Lab (Prof. Peter Steinert), NIAMS, NIH, Bethesda, Maryland, USA.
- **From 1989 to 1991** **Fellowship**
Istituto Medicina Sperimentale CNR, Piazzale Aldo Moro, 7, 00185 Rome, Italy

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
- **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

**PERSONAL SKILLS AND
COMPETENCES**

MOTHER TONGUE **ITALIAN**
OTHER LANGUAGE **ENGLISH**

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.).

International and National funded research projects

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. PI

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". Participant

From 2011 to 2013

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

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". Participant

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
 - The Epigenetic Landscape in Cancer
 - 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 92 articles in national and international scientific journals (H-Index (Scopus) = 36, citations: 4137), 3 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

2025

1. Gambacurta A, Tullio V, Savini I, Mauriello A, Catani MV, Gasperi V. Identification of the EBF1/ETS2/KLF2-miR-126-Gene Feed-Forward Loop in Breast Carcinogenesis and Stemness. *Int J Mol Sci.* 2025;26:328. doi: 10.3390/ijms26010328.
2. Gambacurta A, Tullio V, Savini I, Catani MV, Gasperi V. In Vitro Cell-Based MTT and Crystal Violet Assays for Drug Toxicity Screening. *Methods Mol Biol.* 2025;2834:293-301. doi: 10.1007/978-1-0716-4003-6_14.

2023

3. 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.
4. 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
5. Piro MC, Gasperi V, De Stefano A, Anemona L, Cenciarelli CR, Montanaro M, Mauriello A, Catani MV, Terrinoni A, Gambacurta A. In Vivo Identification of H3K9me2/H3K79me3 as an Epigenetic Barrier to Carcinogenesis. *Int J Mol Sci.* 2023;24:12158. doi: 10.3390/ijms241512158.

2022

6. 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.
7. 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.

2021

8. 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
9. 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.
10. 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.
11. 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.

2020

12. 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.
13. Catani MV, Savini I, Gasperi V. Molecular research on platelet activity in health and disease. *Int. J. Mol. Sci.* 2020,21, 3804.
14. Gasperi V, Catani MV, Savini I, Platelet Responses in Cardiovascular Disease: Sex-Related Differences in Nutritional and Pharmacological Interventions. *Cardiovascular Therapeutics* 2020, 2342837
15. Catani MV, Savini I, Tullio V, Gasperi V. The "Janus Face" of Platelets in Cancer. *Int. J. Mol. Sci.* 2020, 21, 788.

2019

16. 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.
17. 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.
18. 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.

2018

19. Catani MV, Gasperi V, Bisogno T, Maccarrone M. Essential dietary bioactive lipids in neuroinflammatory diseases. *Antioxid Redox Signal.* 2018 1;29(1):37-60.
20. 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.

2017

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

2016

22. Savini I, Gasperi V, Catani MV. Nutrigenetics. In eLS. John Wiley & Sons, Ltd: Chichester. 2016. DOI: 10.1002/9780470015902.a0021028
23. Catani MV, Gasperi V. Assay of CB1 Receptor Binding. *Methods Mol Biol.* 2016; 1412:41-55.
24. 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**
25. 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.
26. Vangapandu C, Gasperi V, Catani MV, Savini I. Obesity and gastrointestinal malignancies. *Reviews In Gastroenterology, Hepatology and Nutrition.* 2015. 2(1), 47-56.
27. 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.
28. 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.
29. 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.
- 2014**
30. 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.
31. 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.
32. 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.
33. Amelio I, Antonov AA, Catani MV, Massoud R, Bernassola F, Knight RA, Melino G, Rufini A. (2014) TAp73 promotes anabolism. *Oncotarget.* 5:12820-934.
34. 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.
35. 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**
36. 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
- 2011**
37. 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.
38. 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**
39. 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
40. 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.
41. Lena AM, Cipollone R, Amelio I, Catani MV, Ramadan S, Browne G, Melino G, Candi E. (2010) "Skf-1a/Oct-11 and ΔNp63α exert antagonizing effects on human keratin expression" *Biochem Biophys Res Commun.* 401:568-73.
42. 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
43. 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.
44. 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.
- 2009**
45. 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
46. Savini I, Arnone R, Catani MV, Avigliano L. (2009) "Origanum vulgare induces apoptosis in human colon cancer Caco2 cells" *Nutr Cancer.* 61:381-9.
47. 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.

48. 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
49. 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.
- 2008**
50. 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.
51. 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.
- 2007**
52. 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.
53. 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.
- 2006**
54. 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.
55. 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.
- 2005**
56. 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.
57. 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.
58. Catani MV, Savini I, Rossi A, Melino G, Avigliano A. (2005) "Biological role of vitamin C in keratinocytes" *Nutrition Reviews*, 63:81-90.
59. 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.
60. 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.
61. 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, Müller M. (2005) "Tap63 induces apoptosis by inducing signaling via death receptors and mitochondria" *Embo J*, 24:2458-71.
- 2004**
62. Catani MV, Savini I, Duranti G, Caporossi D, Ceci R, Sabatini S, Avigliano A. (2004) "NF- κ B and AP-1 are involved in differentiation-related resistance to oxidative stress in skeletal muscle cells" *Free Rad Biol Med*, 37:1024-36.
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- 2003**
64. 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.
65. 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.
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- 2002**
67. 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.
68. 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.
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- 2001**
70. 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.
71. 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.
- 2000**

72. 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.
73. 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 CD95L transactivation" *Cancer Res*, 60:2377-83.
74. Catani MV, Corasaniti MT, Navarra M, Nisticò G, Finazzi-Agrò A, Melino G. (2000) "gp120 induces cell death in human neuroblastoma cells through the CXCR4 and CCR5 chemokine receptors" *J Neurochem*, 74:2373-9.
75. 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.
76. 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.
- 1999**
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- 1998**
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- 1997**
80. 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.
81. 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.
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- 1996**
83. Catani MV, Bellincampi L, Iraci S, De Laurenzi V, Rossi A, Candi E. (1996) "Loricrin: the major component of the cornified cell envelope" *Chronica Dermatologica*, 6:167-81.
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85. Corasaniti MT, Navarra M, Catani MV, Melino G, Nisticò G, Finazzi-Agrò A. (1996) "NMDA and HIV-1 coat protein gp120 produce necrotic but not apoptotic cell death in human CHP100 neuroblastoma cultures via a mechanism involving calpain" *Biochem Biophys Res Comm*, 229:299-304.
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- 1994**
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