

General Information

Name	Claudia Sticozzi
Address	Viale dei mille 83, 53034, Siena, Colle di Val d'Elsa
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Nationality	Italian
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Date of Birth	[18 February 1982]
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Current job	
• Date (from– to)	07/2015 – 06/2016
• Company	University of Ferrara
• Department	Department of Life Sciences and Biothecnology
Job Description	Post-Doctoral Researcher: Fellow “Post-doctoral Fellowships – anno 2015” (Found Fondazione Umberto Veronesi). Project: Comparable study between e-cig and CS on cutaneous tissues.
Principal Activities	Experiments design, Supervisor of Graduate and Undergraduate students, Data analysis, Projects and manuscript preparation, Undergraduate thesis co-supervisor TEACHING: General Physiology for “Chimica e Tecnologie Farmaceutiche” (aa 2015/2016), University of Siena.

Previous Experience

• Date (from– to)	07/2014 – 06/2015
• Company	University of Ferrara
• Department	Department of Life Sciences and Biothecnology
Job Description	Post-Doctoral Researcher Fellow “Post-doctoral Fellowships – anno 2014” (Found Fondazione Umberto Veronesi). Project: Passive smoking impairs lipid soluble antioxidant lung uptake via SRB1 post-translational modification: link with pulmonary chronic diseases.
Principal Activities	Experiments design, Supervisor of Graduate and Undergraduate students, Data analysis, Projects and manuscript preparation, Undergraduate thesis co-supervisor TEACHING: General Physiology, Physiology I and II for “Corso di Formazione Universitaria per Tecnici estetisti”, University of Ferrara (aa 2013/2014). General Physiology for “Chimica e Tecnologie

	Farmaceutiche” (aa 2014/2015), University of Siena.
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• Date (from– to)	07/2013 – 06/2014
• Company	University of Ferrara
• Department	Department of Life Sciences and Biothecnology
Job Description	Post-Doctoral Researcher (assegno di ricerca): Project: Regolazione del recettore Scavenger B1 da parte di fonti di stress ossidativo esogeno ed endogeno.
Principal Activities	Experiments design, Supervisor of Graduate and Undergraduate students, Data analysis, Projects and manuscript preparation, Undergraduate thesis co-supervisor TEACHING: General Physiology, Physiology I and II for “Corso di Formazione Universitaria per Tecnici estetisti”, University of Ferrara (aa 2013/2014).

• Date (from– to)	15/02/2013 – 15/06/2013
• Company	University of Ferrara
• Department	Department of Life Sciences and Biothecnology
Job Description	Research fellow: Found of U.O.C Neuropsichiatria Infantile, Azienda ospedaliera Senese. Poject: “Cellule staminali pluripotenti indotte come modello in vitro per lo studio della patogenesi della sindrome di Rett ed identificazione di target terapeutici finalizzata a valutare i meccanismi molecolari dello stress ossidativo nei pazienti con sindrome di Rett”.
Principal Activities	Experiments design, Supervisor of Graduate and Undergraduate students, Data analysis, Projects and manuscript preparation, Undergraduate thesis co-supervisor TEACHING: General Physiology, Physiology I and II for “Corso di Formazione Universitaria per Tecnici estetisti”, University of Ferrara (aa 2012/2013).

• Date (from– to)	01/11/2012-30/11/2012
• Company	Institute of Biophysic, Academy of Sciences of Czech Republic.
• Department	Department of Cytokinetics,
Description	Visiting post-doctoral scholar

• Date (from– to)	02/2012 – 01/2013
• Company	University of Ferrara

• Department	Dept. of Evolutionary Biology
Description	Post-Doctoral Researcher: Fellow “Young Investigator Programme-anno 2012 (Found Fondazione Umberto Veronesi)., Project: Second Hand Cigarettes Smoke and skin cancer: the role of BARD1.
Principal Activities	<u>Experimental Procedure</u> Cell culture Western Blotting; PCR; Enzymatic Assays; IHC (Immunocytochemistry) IF (Immunofluorescence)

• Date (from– to)	04/2011 – 11/2011
• Company	University of Trento
• Department	Department of Mechanical and Structural Engineering
Description	Post-Doctoral Researcher. Project: “Effect of oxidative stress on cellular membrane models”.
Principal Activities	<u>Experimental Procedure</u> Cell culture Western Blotting; PCR; Enzymatic Assays; IHC (Immunocytochemistry) IF (Immunofluorescence)

• Date (from– to)	02/2011 – 03/2011
• Company	University of Siena
• Department	Department of Biomedical Sciences
Description	Post-Doctoral Researcher. Project: “Evaluation of anti-inflammatory effect of 1,5 diarilpirrol -3-substitutes in skin models using co-cultures (trans-well of human keratinocytes and fibroblasts).
Principal Activities	<u>Experimental Procedure</u> Cell culture Western Blotting; PCR; Enzymatic Assays; IHC (Immunocytochemistry) IF (Immunofluorescence)

• Date (from– to)	05/2010 – 11/2010
• Company	University of Siena
• Department	Department of Biomedical Sciences
Description	Post-Doctoral Researcher, Project: “Study on the role of the signaling pathway of proinflammatory cytokines in Alzheimer's disease”.

Principal Activities	<u>Experimental Procedure</u> Cell culture Western Blotting; PCR; Enzymatic Assays; IHC (Immunocytochemistry) IF (Immunofluorescence)
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• Date (from– to)	11/2009 – 03/2010.
• Company	University of Siena
• Department	Department of Biomedical Sciences
Description	Research fellow , Project: “Chromatography analysis of antioxidant metabolites”.
Principal Activities	<u>Experimental Procedure</u> Cell culture Western Blotting; PCR; Enzymatic Assays; IHC (Immunocytochemistry) IF (Immunofluorescence)

• Date (from– to)	10/2006 – 09/2009
• Company	University of Siena
• Department	Department of Biomedical Sciences
Description	Ph.D. Student in Molecular and Cellular Physiology-Pharmacology and Toxicology graduate program.
Principal Activities	<u>Experimental Procedure</u> Cell culture Western Blotting; PCR; Enzymatic Assays; IHC (Immunocytochemistry) IF (Immunofluorescence)

• Date (from– to)	10/2005 – 09/2006
• Company	University of Siena
• Department	Department of Biomedical Sciences
Description	Master Student in Experimental Methodology applied to Pharmacology.
Principal Activities	<u>Experimental Procedure</u> Cell culture Western Blotting; PCR; Enzymatic Assays; IHC (Immunocytochemistry) IF (Immunofluorescence)

Studies

• Date (from – to)	October 2010 to April 2014
• Company	University of Siena
• Object	Specialization in “Clinical Biochemistry” , (discussion of thesis 30 April 2014)
• Title of Thesis	“Lo stress ossidativo come possibile responsabile dell'alterato metabolismo lipidico in fibroblasti di pazienti affetti da sindrome di RETT”
• Qualification obtained	Specialization degree (70/70 magna cum laudem)

• Date (from – to)	October 2006 to September 2009
• Company	University of Siena
• Object	PhD in Molecular and Cellular Physiology, Pharmacology and Toxicology (discussion of thesis 10 February 2010)
• Title of Thesis	Study of the signalling pathway mediating reactive gliosis in the neuroinflammation
• Qualification obtained	PhD degree

• Date (from – to)	October 2005 to September 2006
• Company	University of Siena
• Object	Master in Experimental Methodology applied to Pharmacology
• Qualification obtained	II level Master degree

• Date (from – to)	February 2006
• Company	University of Siena
• Object	Qualification as a Professional Biologist (Esame di Stato)
• Qualification obtained	Certification

• Date (from – to)	From October 2003 to September 2005
• Company	University of Siena
• Object	Sanitary Biology (discussion of thesis 30 September 2005)
• Title of Thesis	Ruolo e Signalling del PTHRP sulla Migrazione/Invasione di Cellule di Carcinoma Mammario MCF-7
• Qualification obtained	University Degree of II° Level
Level	110/110 magna cum laudem

• Date (from – to)	From September 2000 to July 2003
• Company	University of Siena
• Object	Biological Sciences (discussion of thesis 18 July 2003)
• Title of Thesis	Ricerca di Recettori Solubili per il Peptide Natriuretico Atriale nel Plasma Umano

• Qualification obtained	University Degree of I° Level
Level	110/110 magna cum laudem

Scientific papers

Publications in international journals	1. Pecorelli A, Belmonte G, Meloni I, Cervellati F, Gardi C, Sticozzi C, De Felice C, Signorini C, Cortelazzo A, Leoncini S, Ciccoli L, Renieri A, Jay Forman H, Hayek J, Valacchi G. Alteration of serum lipid profile, SRB1 loss, and impaired Nrf2 activation in CDKL5 disorder. <i>Free Radic Biol Med</i>. 2015. pii: S0891-5849(15)00221-X. 2. Esposito E, Sticozzi C, Ravani L, Drechsler M, Muresan XM, Cervellati F, Cortesi R, Valacchi G. Effect of new curcumin-containing nanostructured lipid dispersions on human keratinocytes proliferative responses. <i>Exp Dermatol</i>. 2015 24(6):449-54. 3. Muresan XM, Cervellati F, Sticozzi C, Belmonte G, Chui CH, Lampronti I, Borgatti M, Gambari R, Valacchi G. The loss of cellular junctions in epithelial lung cells induced by cigarette smoke is attenuated by corilagin. <i>Oxid Med Cell Longev</i>. 2015;2015:631758. 4. Valacchi G, Maioli E, Sticozzi C, Cervellati F, Pecorelli A, Cervellati C, Hayek J. Exploring the link between scavenger receptor B1 expression and chronic obstructive pulmonary disease pathogenesis. <i>Ann N Y Acad Sci</i>. 2015;1340:47-54. 5. Sticozzi C, Cervellati F, Muresan XM, Cervellati C, Valacchi G. Resveratrol prevents cigarette smoke-induced keratinocytes damage. <i>Food Funct</i>. 2014 Aug 20;5(9):2348-56. [IF: 2.69] 6. Segatto M, Trapani L, Di Tunno I, Sticozzi C, Valacchi G, Hayek J, Pallottini V. Cholesterol metabolism is altered in rett syndrome: a study on plasma and primary cultured fibroblasts derived from patients. <i>PLoS One</i>. 2014 Aug 12;9(8):e104834. [IF: 3.7] 7. Cervellati F, Muresan XM, Sticozzi C, Gambari R, Montagner G, Forman HJ, Torricelli C, Maioli E, Valacchi G. Comparative effects between electronic and cigarette smoke in human keratinocytes and epithelial lung cells. <i>Toxicol In Vitro</i>. 2014 28(5):999-1005. [IF: 2.65] 8. Cortelazzo A, De Felice C, Pecorelli A, Belmonte G, Signorini C, Leoncini S, Zollo G, Capone A, Giovampola CD, Sticozzi C, Valacchi G, Ciccoli L, Guerranti R, Hayek J. Beta-actin deficiency with oxidative posttranslational modifications in Rett syndrome erythrocytes: insights into an altered cytoskeletal organization. <i>PLoS One</i>. 2014 Mar 26;9(3):e93181. [IF: 3.7] 9. Cortelazzo A, Guerranti R, De Felice C, Signorini C, Leoncini S, Pecorelli A, Landi C, Bini L, Montomoli B, Sticozzi C, Ciccoli L, Valacchi G, Hayek J. A plasma proteomic approach in Rett
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syndrome: classical versus preserved speech variant. *Mediators Inflamm.* 2013;2013:438653. [IF: 3.88]

10. **Sticozzi C**, Belmonte G, Cervellati F, Muresan XM, Pessina F, Lim Y, Forman HJ, Valacchi G. Resveratrol protects SR-B1 levels in keratinocytes exposed to cigarette smoke. *Free Radic Biol Med.* 2014 Jan 12;69C:50-57. [IF: 5.27]
11. Cortelazzo A, Lampariello RL, **Sticozzi C**, Guerranti R, Mirasole C, Zolla L, Sacchetti G, Hajek J, Valacchi G. Proteomic profiling and post-translational modifications in human keratinocytes treated with *Mucuna pruriens* leaf extract. *J Ethnopharmacol.* 2014 151(2):873-81. [IF: 2.75]
12. Cervellati F, Cervellati C, Romani A, Cremonini E, **Sticozzi C**, Belmonte G, Pessina F, Valacchi G. Hypoxia induces cell damage via oxidative stress in retinal epithelial cells. *Free Radic Res.* 2014;48(3):303-12. [IF: 3.28]
13. Valacchi G, Zanardi I, Lim Y, Belmonte G, Miracco C, **Sticozzi C**, Bocci V, Travagli V. Ozonated oils as functional dermatological matrices: effects on the wound healing process using SKH1 mice. *Int J Pharm.* 2013;458(1):65-73. [IF: 3.46]
14. **Sticozzi C**, Belmonte G, Meini A, Carbotti P, Grasso G, Palmi M. (2013) IL-1 β induces GFAP expression in vitro and in vivo and protects neurons from traumatic injury-associated apoptosis in rat brain striatum via NF κ B/Ca²⁺-calmodulin/ERK mitogen-activated protein kinase signaling pathway. *Neuroscience*. doi:pII: S0306-4522(13)00655-6. 10.1016/j.neuroscience.2013.07.061. [Epub ahead of print] [IF: 3.122]
15. Cervellati; Bonaccorsi; Cremonini; Romani; Fila; Castaldini; Ferrazzini; Massari; Squerzanti; **Sticozzi**; Mischiati. (2013) Accumulation of central fat correlates with an adverse oxidative balance in non-obese postmenopausal women. *Gynecological Endocrinology* [IF: 1.58]
16. Scalia S, Trotta V, Traini D, Young PM, **Sticozzi C**, Cervellati F and Valacchi G. (2013) Incorporation of quercetin in respirable lipid microparticles: effect on stability and cellular uptake on A549 pulmonary alveolar epithelial cells. *Colloids and Surfaces B: Biointerfaces*, <http://dx.doi.org/10.1016/j.colsurfb.2013.07.067> [IF: 3.55]
17. **Sticozzi C**, Belmonte G, Pecorelli A, Cervellati F, Leoncini S, Signorini C, Ciccoli L, De Felice C, Hayek J and Valacchi G. (2013) Scavenger Receptor B1 post-Translational modifications in RETT Syndrome. *FEBS Letters* 587(14):2199-204. [IF: 3.582]
18. **Sticozzi C**, Belmonte G, Cervellati F, Di Capua A, Maioli E, Cappelli A, Giordani A, Biava M, Anzini M, Valacchi G. (2013) Antiproliferative effect of two novel COX-2 inhibitors on human keratinocytes. *Eur J Pharm Sci.* 49(2):133-41. [IF: 2.987]
19. Lampariello LR, Cortelazzo A, Guerranti R, **Sticozzi C** and Valacchi V. The Magic Velvet Bean of *Mucuna pruriens*. *Journal of Traditional and Complementary Medicine* 2(4): 331-339

20. Valacchi G, **Sticozzi C**, Pecorelli A, Cervellati F, Cervellati C, Maioli E (2012) Cutaneous Responses to Environmental Stressors. *Ann N Y Acad Sci.* 1271:75-81. [IF: 4.37]
21. Valacchi G, Zanardi, I, **Sticozzi C**, Bocci V, Travagli V(2012) Emerging topics in cutaneous wound repair. *N.Y. Acad. Sci* 1259(1):136-44. [IF: 4.37]
22. **Sticozzi C**, Belmonte G, Pecorelli A, Arezzini B, Gardi C, Maioli E, Miracco C, Toscano M, Forman HJ and Valacchi G. (2012) CS affects keratinocytes SRB1 expression and localization via H2O2 production and HNE protein adducts formation. *PLoS One.* 2012;7(3):e33592. [IF: 3.73]
23. **Sticozzi C**, Pecorelli A, Lim Y, Maioli E, Pagnin E, Davis AP, Valacchi G (2012) Modulation of Skin Oxidative Stress and inflammatory Markers by Environmental Stressors. Differences between Young and Old. *J Dermatol Sci.* 65(3):226-8. [IF: 3.52]
24. **Sticozzi C.** and Valacchi G. (2011) Troposphere ozone as a source of oxidative stress in cutaneous tissue. *JSIR* 70(11): (918-922) [IF: 0.5]
25. Valacchi G., **Sticozzi C.**, Lim Y. and Pecorelli A. (2011) SR-BI: a multi-functionary receptor. *Ann N Y Acad Sci.* 1229:E1-7. doi: 10.1111/j.1749-6632.2011.06205.x. [IF: 4.37]
26. Valacchi G, Pecorelli A, **Sticozzi C**, Torricelli C, Muscettola M, Aldinucci C, Maioli E. (2011) Rottlerin exhibits antiangiogenic effects in vitro. *Chem Biol Drug Des.* 77(6):460-70. doi: 10.1111/j.1747-0285.2011.01121.x. [IF: 2.47]
27. **Sticozzi C**, Pecorelli A, Belmonte G and Valacchi G. (2010) Cigarettes smoke affects ABCA1 expression via LXR nuclear traslocation in human keratynocytes. *Int. J. Mol. Sci.* 11: 3375-3386. [IF: 2.46]
28. Aldinucci C, Maiorca SM, De Rosa P, Palmi M, **Sticozzi C**, Ciccoli L, Leoncini S, Signorini C, Valacchi G, Pessina GP. (2010) The Physiological Behaviour of IMR-32 Neuroblastoma Cells is Affected by a 12-h Hypoxia/24-h Reoxygenation Period. *Neurochem Res.* 35(11):1691-9. [IF: 2.12]
29. Aldinucci C, Maiorca SM, De Rosa P, Palmi M, **Sticozzi C**, Ciccoli L, Leoncini S, Signorini C, Pessina GP. (2010) The Effects of Hypoxia/Reoxygenation on the Physiological Behaviour of U373-Mg Astrocytes. *Neurochem Res.* 35(1):42-9. [IF: 2.12]
30. Meini A, **Sticozzi C**, Massai L, Palmi M. (2008). A nitric oxide/ Ca2+/ calmodulin/ ERK1/2 mitogen- activated kinase patway is involved in the mitogenic effect of IL-1 α in human astrocytoma cells. *Br. J. Pharmacol.* 153(8):1706-17. [IF: 4.41]

Participation to :

Oral Presentation:

- **Claudia Sticozzi**, Franco Cervellati, Ximena M Muresan, Giuseppe Belmonte, Giuseppe Valacchi. Resveratrol prevents cigarette smoke induced keratinocytes oxidative damage; 6th International Conference on Oxidative Stress in Skin Biology and Medicine Andros 28th-31st August 2014
- **Sticozzi C**, Pecorelli A, Belmonte G and Valacchi G. Cigarette smoke might affect skin lipids composition via the upregulation of ABCA1. A keratinocytes study. 10th Indo-Italian Workshop on "Chemistry and Biology of Antioxidants". Rome (Italy), November 9-13, 2011.
- **Sticozzi C**, Pecorelli A, Belmonte G and Valacchi G. Up-regulation of ABCA1 expression is mediated by NF-kB inhibition and LXR nuclear translocation in human keratinocytes exposed to cigarette smoke. 5th International Conference on Oxidative Stress in Skin Biology and Medicine. Andros (Greece) September 1-4, 2011.
- **Sticozzi C**. CAN CIGARETTE SMOKE AFFECT SKIN TOCOPHEROL UPTAKE ? 8th Indo-Italian Workshop on "Chemistry and Biology of Antioxidants". Rome (Italy), November 30 – December 1, 2010
- **Sticozzi C**. Involvement of nitric oxide/Ca²⁺/calmodulin/MAP kinase extracellular signal regulated protein kinase signalling pathway in interleukin-1 β -induced astrocyte activation and neuron survival after brain injury. XIII Seminario Nazionale per Dottorandi in Farmacologia e Scienze affini. Certosa di Pontignano, Siena (Italy), June 27-30, 2009.

Poster Presentation

- Ximena Maria Muresan, **Claudia Sticozzi**, Giuseppe Belmonte, Franco Cervellati, Ilaria Crivellari, Carlotta Cavicchio, Giuseppe Valacchi. The loss of SR-B1 upon environmental oxidants exposure affects keratinocytes proliferation and migration: investigating a new role of SR-B1 in cutaneous tissue. International Workshop on "Biochemistry, Physiology and Pharmacology of Oxidative Stress" Rome, July 2-4, 2015.
- Ilaria Crivellari, Carlotta Cavicchio, **Claudia Sticozzi**, Ximena Maria Muresan, Franco Cervellati, Alessandra Pecorelli, Duccio Calamandrei, Giuseppe Valacchi. Role of ribose in potassium ascorbate affect melanoma cell line proliferation. International Workshop on "Biochemistry, Physiology and Pharmacology of Oxidative Stress" Rome, July 2-4, 2015.
- Claudia Sticozzi, Irene Pillitteri, Ximena Maria Muresan, , Giuseppe Belmonte, Franco Cervellati, Ilaria Crivellari, Giuseppe Valacchi. Tropospheric ozone affects SRB1 levels via oxidative post-traslational modification in lung cells. International Workshop on "Biochemistry, Physiology and Pharmacology of Oxidative Stress" Rome, July 2-4, 2015.

- Franco Cervellati, **Claudia Sticozzi**, Ximena Maria Muresan, Filippo Lucente, Giuseppe Belmonte, Souček K and Giuseppe Valacchi. Role of quercetin on oxidative stress induced by cigarette smoke in human keratinocytes; 6th International Conference on Oxidative Stress in Skin Biology and Medicine Andros 28th-31st August 2014
- Ximena Maria Muresan, Rita Bassi Andreasi, **Claudia Sticozzi**, Giuseppe Belmonte, Filippo Lucente, Franco Cervellati, Francesca Aiello, Giuseppe Valacchi. 6th International Conference on Oxidative Stress in Skin Biology and Medicine “Antitubulin” effect of a new fluorazone derivates on melanoma cell line; Andros 28th-31st August 2014.
- Natalia Magnani, Ximena M Muresan, Giuseppe Belmonte, Franco Cervellati, **Claudia Sticozzi**, Timoteo Marchini, Pablo Evelson, Giuseppe Valacchi. Air particulate matter: another emergency for skin health; Andros 28th-31st August 2014: 6th International Conference on Oxidative Stress in Skin Biology and Medicine
- Rita Bassi Andreasi, **Claudia Sticozzi**, Ximena M. Muresan, Giuseppe Belmonte , Filippo Lucente , Franco Cervellati, Emilia Maellaro, Francesca Aiello , Giuseppe Valacchi. ANTITUBULIN EFFECT OF NEW FLUORAZONE DERIVATES ON MELANOMA CELL LINE: THE ROLE OF NO. , June 25-27, 2014 Ferrara, Italy.
- Franco Cervellati; Ximena M. Muresan; **Claudia Sticozzi**; Roberto Gambari; Giulia Mantagner; Henry J Forman; Claudia Torricelli; Emanuela Maioli; Giuseppe Valacchi. STUDY OF THE EFFECT OF CIGARETTE SMOKING AND ELECTRONIC CIGARETTE ON LUNG CELLS AND HUMAN KERATINOCYTES. June 25-27, 2014 Ferrara, Italy
- Carlo Cervellati, **Claudia Sticozzi**, Arianna Romani, Giuseppe Belmonte, Eleonora Cremonini, Anna Signorili, Domenico De Rasmio, Franco Cervellati, Alessandra Pecorelli, Alessio Cortelazzo, Cinzia Signorini, Lucia Ciccoli, Henry J Forman, Joussef Hayek, Giuseppe Valacchi. NOX ACTIVATION AND MITOCHONDRIAL ROS PRODUCTION ARE INVOLVED IN REDOX STATE ALTERATION OF RTT CELLS. June 25-27, 2014 Ferrara, Italy
- Filippo Lucente, Franco Cervellati, **Claudia Sticozzi**, Giuseppe Belmonte, Karel Souček, Ximena M. Muresan, Rita Bassi Andreasi, Giuseppe Valacchi. CIGARETTES SMOKE INDUCED CELL DAMAGE IN HUMAN KERATINOCYTES: ROLE OF QUERCETIN. June 25-27, 2014 Ferrara, Italy
- Ximena M. Muresan, Franco Cervellati, Rita Bassi Andreasi, Filippo Lucente, **Claudia Sticozzi**, Roberto Gambari, Monica Borgatti, Giuseppe Valacchi. THE LOSS OF CELLULAR JUNCTIONS IN EPITHELIAL LUNG CELLS INDUCED BY CIGARETTE SMOKE IS ATTENUATED BY CORILAGIN.

June 25-27, 2014 Ferrara, Italy

- Alessandra Pecorelli, Giuseppe Belmonte, Ilaria Meloni, Gloria Zollo, **Claudia Sticozzi**, Franco Cervellati, Concetta Gardi, Cinzia Signorini, Lucia Ciccoli, Alessandra Renieri, Joussef Hayek, Giuseppe Valacchi. IMPAIRED NRF2/ARE SYSTEM CONTRIBUTES TO SRB1 LOSS, AS CONSEQUENCE OF OXIDATIVE POST-TRANSLATIONAL MODIFICATIONS, IN CDKL5 ATYPICAL RETT SYNDROME. June 25-27, 2014 Ferrara, Italy.
- Federica Pessina, Francesca Aiello, Antonella Brizzi, **Claudia Sticozzi**, Mariateresa Badolato, Luciano De Petrocellis, Federico Corelli, Antonio Garofalo, Giuseppe Valacchi, and Vincenzo Di Marzo. SMALL-MOLECULE TRPV1 MODULATORS: DESIGN, SYNTHESIS AND PHARMACOLOGICAL CHARACTERIZATION OF NEW 4-(THIOPHEN-2-YL)BUTANOIC ACID AMIDES. June 25-27, 2014 Ferrara, Italy
- Arianna Romani, Carlo Cervellati, Eleonora Cremonini, Cristina Bosi, Stefania Magon, Monica Squerzanti, Alessandro Trentini, **Claudia Sticozzi**, Giuseppe Valacchi, Carlo M. Bergamini, Giovanni Zuliani IMPLICATION OF OXIDATIVE STRESS IN DEMENTIA: DATA FROM CROSS-SECTIONAL AND LONGITUDINAL STUDY June 25-27, 2014 Ferrara, Italy
- **Claudia Sticozzi**, Franco Cervellati, Ximena M. Muresan, Carlo Cervellati, Giuseppe Valacchi. RESVERATROL PREVENTS CIGARETTE SMOKE INDUCED KERATINOCYTES DAMAGE June 25-27, 2014 Ferrara, Italy
- Alessio Cortelazzo, **Claudia Sticozzi**, Cristiana Mirasole, Roberto Guerranti², Lello Zolla, Alessandra Pecorelli, , Cinzia Signorini, Silvia Leoncini, Claudio De Felice, Lucia Ciccoli, Joussef Hayek, Giuseppe Valacchi. PROTEOMIC ANALYSIS OF 4-HYDROXYNONENAL MODIFIED PROTEIN IN RTT FIBROBLASTS. June 25-27, 2014 Ferrara, Italy
- Daniela Braconi, **Claudia Sticozzi**, Michela Geminiani, Lucia Mazzi, Lia Millucci, Giuseppe Belmonte, Giulia Bernardini, Giuseppe Valacchi, Annalisa Santucci. Redox Characterization of Human Alkaptonuric Fibroblasts. Gets Insights into Ochronosis Physiopathology. June 25-27, 2014 Ferrara, Italy
- Valacchi G, **Sticozzi C**, Belmonte G, Cervellati F, Muresan MM. Air pollutants exposure affect lung SRB1 levels and cellular distribution a post-transductional modifications. VI International Conference on Polyphenols and Health (ICPH6), October 16-19, 2013 Buenos Aires, Argentina.
- Cremonini E, Romani A, Bonaccorsi G, Castaldini C, Ferrazzini S, Bergamini CM, Casali F, **Sticozzi C**, Valacchi G, Fila E, Massari L, Vervellati C. Possible role of oxidative stress in the derangement of bone metabolism leading to osteoporosis. 4ème Symposium International Nutrition, Biologie de l'Oxygène et Médecine, 5-7 June 2013, Campus des Cordeliers, PARIS.
- Muresan XM, Cervellati F, **Sticozzi C**, Gambari R and Valacchi G. the loss of junctions in epithelial lung cells by cigarette smoke exposure is attenuated by Corilagin treatment. 4ème Symposium

International Nutrition, Biologie de l'Oxygène et Médecine, 5-7 June 2013, Campus des Cordeliers, PARIS.

- Cortelazzo A, Lampariello L, **Sticozzi C**, Guerranti R, Zolla L, Sacchetti G and Valacchi G. Proteomic profiling and post-translational modifications in human keratinocytes treated with Mucon Pruriens leaves extract. 4ème Symposium International Nutrition, Biologie de l'Oxygène et Médecine, 5-7 June 2013, Campus des Cordeliers, PARIS.
- **Sticozzi C**, Belmonte G, Pessina F, Cervellati F and Valacchi G. Resveratrol reverses SRB1 degradation by cigarette smoke exposure in human keratinocytes. 4ème Symposium International Nutrition, Biologie de l'Oxygène et Médecine, 5-7 June 2013, Campus des Cordeliers, PARIS.
- **Sticozzi C.**, Belmonte G., Cervellati F., Pecorelli A., Leoncini S., Signorini C., Ciccoli L., Defelice C., Hayek J., Valacchi G. Transcriptional and post-translational modifications of scavenger receptor B1 (SRB1) in Rett syndrome. The role of oxidative stress. 63° Congresso Nazionale SIF. 21-23 September 2012 Verona, Italy.
- Valacchi G, **Sticozzi C**, Belmonte G, Di Capua A, Cappelli A, Giordani, Bavia M, Anzini M. Antiproliferative effect of COX-2 inhibitors of two 1,5-Diarylpyrrole-3-Alkoxyethylethyl ethers on human keratinocytes: possible use in skin cancer. Oxidants and Antioxidants in Biology. Cell Signalling and Nutrient-Gene Interactions. Alba (Italy), June 20-23, 2012.
- Cervellati F., Cervellati C., Pavan B., **Sticozzi C** and Valacchi G. Cobalt Chloride induced hypoxia and lipid peroxidation in hRPE cells. Oxidants and Antioxidants in Biology. Cell Signalling and Nutrient-Gene Interactions. Alba (Italy), June 20-23, 2012.
- **Sticozzi C**, Belmonte G, Pecorelli A, Pessina F and Valacchi G. Resveratrol partially reverses the modulation of cholesterol trafficking related genes by CS in human keratinocytes. Oxidants and Antioxidants in Biology. Cell Signalling and Nutrient-Gene Interactions. Alba (Italy), June 20-23, 2012.
- Lampariello L, Cortelazzo A, **Sticozzi C**, Belmonte G, Guerranti R, Di Capua A, Anzini M. and Valacchi G. Proteomic profiling and post-translational modifications in human keratinocytes treated with Mucon Pruriens leaves extract. Oxidants and Antioxidants in Biology. Cell Signalling and Nutrient-Gene Interactions. Alba (Italy), June 20-23, 2012.
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- **Sticozzi C**, Pecorelli A, Lim Y, Maioli E, Pagnin E, Davis AP and Valacchi G. Modulation of skin oxidative stress and inflammatory markers by environmental stressors: differences between young and old. The 3th international conferences on

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- **Sticozzi C**, Pecorelli A, Belmonte G Arezzini B, Gardi C, Maioli E and Valacchi G. The lost of Scavenger Receptor B1 by cigarette smoke exposure in keratinocytes is driven by H₂O₂ (esogenous and endogenous). 5th International Conference on Oxidative Stress in Skin Biology and Medicine. Andros (Greece) September 1-4, 2011.
- **Sticozzi C**, Pecorelli A, Belmonte G, Maioli E and Valacchi G. Age and environmental oxidants affect Vitamin E traffcking relate genes in murine lung. Gerontology Conference, Pusan (Korea) July 7-9, 2011
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- Valacchi G, **Sticozzi C**, Pecorelli A, Belmonte G, Arezzini B, Gardi C and Maioli E. Aging and oxidative stress affect lung vitamin e tissue uptake. 2nd International Conference on “Nutrition and Physical Activity (NAPA) on Aging, Obesity and Cancer”. South Korea Feb. 16 -19, 2011
- **Sticozzi C**, Pecorelli A, Belmonte G, Gardi C, Arezzini B, Maioli E and Valacchi G. Cigarettes smoke affect SRB1 levels in human keratynocytes via H₂O₂ production. Poster n° 36, Lipid Oxidation, Human Diseases and Aging. Turin, (Italy) June 16-18, 2010.
- Maiorca SM, Aldinucci C, De Rosa P, Palmi M, **Sticozzi C**, Pessina GP. The effect of hypoxia on NT2n cells. Poster n° 96. SIF Siena (Italy), September 23-25, 2009.
- Meini A, **Sticozzi C**, Muscettola MM, Alessandrini C, Migliaccio P, Grasso G, Palmi M. role of NO/Ca²⁺ intracellular signalling in the mitogenic effect of IL-1 beta in U373 MG astrocytoma cells. 58° congresso SIF. Lecce (Italy), September 17-19, 2007.
- **Sticozzi C**, Meini A and Palmi M. Role of NO/ Ca²⁺ signalling in mediating cytokine-induced neuroinflammation. XI Seminario Nazionale per Dottorandi in Farmacologia e Scienze affini. Certosa di Pontignano, Siena (Italy), September 24-27, 2007

	• Sticozzi C, Meini A and Palmi M. Role of NO/Ca²⁺/CAM/ MAPK signalling pathway in the mitogenic effect of IL-1b in C6 glioma cells. “33° Congresso SIF – Cagliari (Italy), June 6-9, 2007 • Sticozzi C, Meini A and Palmi M. Role of NO/Ca²⁺/CAM/ MAPK signalling pathway in the mitogenic effect of IL-1b in C6 glioma cells. In “Segnali di Calcio in Piemonte” Università del Piemonte Orientale. Novara (Italy), February 2, 2007 • Sticozzi C. Role of NO on the mitogenic effect of IL-1b in C6 glioma cells. X Seminario Nazionale per Dottorandi in Farmacologia e scienze affini. Certosa di Pontignano, Siena (Italy), September 25-28, 2006 • Sticozzi C, Meini A and Palmi M. Role of NO/Ca²⁺/CAM/ MAPK signalling pathway in the mitogenic effect of IL-1B in C6 glioma cells. XI Convegno Nazionale "Aspetti Biologici dell'Ossido di Azoto. Urbino (Italy), September 18-19, 2006.
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Awards

OCC Young Investigator Award. II International Conference on Enviromental Stressors in Biology and Medicine. Siena , 5-7 October 2011.
SFRRRI Young Investigator Award. III International Conference on Cellular Enviromental Stressors in Biology and Medicine. Focus on Redox reaction. Ferrara, 25-27 June 2014.

Personnel Expertise.

Mother Language	ITALIAN
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Others

	ENGLISH
• Reading	Intermediate
• Writing	Intermediate
• Speaking	Intermediate

Relationship attitude	Good attitude for working in team and taking part in projects, Good attitude to manage people.
Technical Knowledge .	Software: Word, PowerPoint, Excel, Acrobat Reader and Writer, Internet Explorer
Driving License	Cat. B

The undersigned is aware that, pursuant to art. 26 of Law 15/68 (ITALIAN LAW), false statements, false documents and use of false acts are punishable under the Penal Code and special laws. Furthermore, I authorize the processing of personal data in accordance with Law 196/03