

CURRICULUM VITAE

SILVIA ALBERTI

EDUCATION AND SCIENTIFIC PROJECTS

- 01.2012-*present position* Health Center, via Garibaldi 21, 86100 Campobasso (Italy)
Nutritional Consultant
- 06-2016
ONB AGGIORNAMENTO IN NUTRIZIONE UMANA on line lessons
- 02-2016
ACSLAN DAL MENARCA ALLA MENOPAUSA: LA DONNA E IL CIBO on line lessons
- 16-17-18
OTTOBRE 2015 ABNI ALIMENTAZIONE E NUTRIZIONE NELLO SPORTIVO, Rimini
- 12-2016
12-2015
12-2014
CONI-regione Molise “OSSERVATORIO: MIO AMICO SPORT”, Campobasso
Nutritional Consultant in public infant school
- 23-24 MAGGIO 2015
21 MAGGIO 2016 GIORNATA NAZIONALE DEL BIOLOGO NUTRIZIONISTA, Campobasso
- 05-2014
ACSLAN METABOLIC SYNDROME on line lessons
- 05.2013
ABNI PEDIATRIC NUTRITION, Rome
- 09.2010-11.2010
NUTRIFOR Master NUTRIFOR, Rome
 - Nutritional Consultant degree
- 01.2009-12.2012
Working Fellowship Neurogenetic Unit, IRCCS Neuromed, Pozzilli, IS (Italy)
 - Research project: analysis of new pathogenetic mechanism in Huntington disease

CURRICULUM VITAE

SILVIA ALBERTI

- Scientific supervisor of undergraduate students
- Scientific supervisor: F. Squitieri

University of Catania, Catania, Italy

01.2010-01.2014
PhD in Neurobiology

- Research project: analysis of new pathogenetic mechanism in Huntington disease
- Scientific coordinator: Prof Roberto Avola
Tutor: Prof. Ferdinando Nicoletti
Cotutor: Prof. Ferdinando Squitieri

01.2006-12.2008
Working Fellowship

Laboratory of Cellular Biology and Pharmacology of Thrombosis, Catholic University, Campobasso (Italy)

- Research project: cellular activation markers in cardiovascular disease
- Scientific supervisor of undergraduate students
- Scientific supervisor: G. de Gaetano and M.B. Donati

06.2004 – 12.2005
Working Fellowship

Laboratory of Immunology, University of Bologna (Italy)

- Research project: “Zinc and immunosenescence: role of this micronutrient on cell cycle, on apoptosis susceptibility and on mitochondrial functions in lymphocytes from old and centenarian subjects”.
- Scientific supervisor of undergraduate students
- Scientific supervisor: D. Monti, C. Franceschi

4-2005
Teaching activity

University of Bologna (Italy)

- Lessons in Laboratory of Immunology carried out for undergraduate students
- Scientific supervisor of undergraduate students

1997 – 2004
Degree in Biological Science

University of Bologna (Italy)

- Grade: 108/110
- Experimental Degree Thesis in Immunology, title: “Parameters of Immunosenescence in humans”

1992 - 1997
School Leaving Certificate

Liceo Scientifico Statale – “V. Volterra”, Fabriano –AN- (Italy)

- Grade: 46/60

PERSONAL SKILLS

Experience in:

Cell Biology

- Flow Cytometry
- Cells isolation from whole blood
- Cellular subsets isolation by immunomagnetic beads
- Eucariotic cells cultures

- Procoagulant activity assay
- D-dimer plasma quantification
- Platelet aggregation
- Optic microscopy
- ELISA test
- Immunocytochemistry

Molecular biology

- Proteins immunoprecipitation
- Proteins analysis by SDSpage e Western Blotting
- RNA extraction and quantification by spectrometry
- DNA extraction and quantification by spectrometry
- PCR, RT-PCR and gel electrophoresis

PUBLICATIONS

- **S Alberti**, E Cevenini, R Ostan, M Capri, S Salvioli, L Bucci, L Ginaldi⁵, M De Martinis, C Franceschi and D Monti. Age-dependent modifications of type 1 and type 2 cytokines within virgin and memory CD4⁺ t cells in humans. *Mech. Ageing Dev* . 2006; 127(6):570-6
- R Ostan, **S Alberti**, L Bucci, S Salvioli, S Pasi, E Cevenini, M Capri, A Di Iorio, L Ginaldi, M De Martinis, C Franceschi, D Monti. Effect of zinc ions on apoptosis in PBMCs from healthy aged subjects. *Biogerontology*. 2006;7(5-6):437-47.
- **S Alberti**, G Angeloni, C Tamburrelli, A Pampuch, B Izzi, L Messano, Q Parisi, M Santamaria, G de Gaetano, MB Donati, C Cerletti. Platelet-leukocyte mixed conjugates in patients with atrial fibrillation. *Platelets* 2009; 20(4): 235–241.
- G Battaglia, M Cannella, B Riozzi, S Orobello, ML Maat-Schieman, E Aronica, CL Busceti, A Ciarmiello, **S Alberti**, E Amico, J Sassone, S Sipione, V Bruno, L Frati, F Nicoletti and F Squitieri. Early defect of transforming growth factor β -1 formation in Huntington's disease. *J Cell Mol Med*. 2011 Mar;15(3):555-71.
- C Saft, JT Epplen, S Wiczorek, GB Landwehrmeyer, R. Roos, JG de

Yebenes, M Dose, SJ Tabrizi, D Craufurd; **REGISTRY Investigators of the European Huntington's Disease Network**, L Arning. NMDA receptor gene variations as modifiers in Huntington disease: a replication study. *Cytogenet Cell Genet.* 2000;91(1-4):90-6.

- Di Pardo A, **Alberti S**, Maglione V, Amico E, Cortes EP, Elifani F, Battaglia G, Busceti CL, Nicoletti F, Vonsattel JP, Squitieri F. Changes of peripheral TGF- β 1 depend on monocytes-derived macrophages in Huntington disease. *Mol Brain.* 2013 Dec 13;6:55. doi: 10.1186/1756-6606-6-55.

OTHER PUBLICATIONS

- **S. Alberti.** Addio dieta mediterranea, la crisi cancella il sogno di Ancel Keys. *La Scuola Di Ancel* · Monday, October 6th, 2014
- **S Alberti**, E Cevenini, V De Vescovi, M Capri, S Salvioli, R Ostan, M Gallucci, C Franceschi, D Monti. “Different remodelling of virgin and memory CD4⁺ and CD8⁺ T cells during human immunosenescence”. 4th European Congress of Biogerontology, 7-10 November 2004, Newcastle upon Tyne (UK).
- **S Alberti**, E Cevenini, M Capri, R Ostan, L Bucci, S Salvioli, D Monti. “Preliminary data on oxidative stress-induced apoptosis and mitochondrial function in presence of ZnSO₄”. 2nd Zincage Meeting, 6-8 February 2005, Paris (FR).
- R Ostan, **S Alberti**, E Cevenini, M Capri, S Salvioli, L Bucci, C Franceschi and D Monti. Age-dependent modifications of type 1 and type 2 cytokines within virgin and memory CD4⁺ t cells in humans. 4th national Conference SIICA, 8-11 Jun 2005, Brescia (IT).
- **S Alberti**, E Cevenini, R Ostan, L Bucci, M Capri, S Salvioli, C Franceschi and D Monti. Different remodelling of virgin and memory CD4⁺ and CD8⁺ t cells during human immunosenescence. 4th national Conference SIICA, 8-11 Jun 2005, Brescia (IT).
- C Calia, R Caldini, **S Alberti**, D Monti, C Franceschi, M Chevanne. PARP activation after oxidative stress in human fibroblasts from young subjects and centenarians. 18^o Convegno Nazionale di “Processi di ADP-ribosilazione”, 3-4 Ottobre 2005, Verona (IT).

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- R Ostan, **S Alberti**, L Bucci, E Cevenini, M Capri, S Salvioli, C Franceschi, D Monti. Effect of zinc ions on apoptosis in PBMCs from healthy aged subjects. 3rd Zincage Meeting, 11-13 February 2006, Madrid (SP).
 - R Ostan, **S Alberti**, L Bucci, E Cevenini, M Capri, S Salvioli, C Franceschi, D Monti. Effect of zinc ions on apoptosis in PBMCs from healthy aged subjects. Ageing Research in immunology, 04-05 September 2006, Paris (FR)
 - R Ostan, **S Alberti**, L Bucci, E Cevenini, M Capri, S Salvioli, C Franceschi, D Monti. Effect of zinc ions on apoptosis and cell cycle in Peripheral Blood Mononuclear Cells (PBMCs) from healthy aged subjects. Zinc Signals, 16-22 September 2006, Siena (IT).
 - **S Alberti**, A Pampuch, B Izzi, C Tamburrelli, G Angeloni, G de Gaetano, C Cerletti. Platelet-leukocyte conjugates in persistent atrial fibrillation (AF). XXV Cytometry National Conference, 3-6 October 2007 , Rome (IT).
 - **S Alberti**, G Angeloni, A Pampuch, C Tamburrelli, B Izzi, L Messano, Q Parisi, M Santamaria, MB Donati, C Cerletti. Reduced Activation by parnaparin, a low molecular weight heparin, of blood coagulation but not of platelets in atrial fibrillation. European Society of Cardiology Congress 30 August-3 September 2008, Munich (DT).
 - **S Alberti**, G Angeloni, A Pampuch, C Tamburrelli, B Izzi, L Messano, Q Parisi, M Santamaria, MB Donati, G de Gaetano, C Cerletti. Reduced Activation by parnaparin, a low molecular weight heparin, of blood coagulation but not of platelets in atrial fibrillation. XX National Congress of Italian Society for Studies of Haemostasis and Thrombosis, 25-28 September 2008, Firenze (IT).
 - **S Alberti**, G Angeloni, C Tamburrelli, A Pampuch, B Izzi, L Messano, Q Parisi, M Santamaria, MB Donati, G de Gaetano, C Cerletti. Platelets activation and platelet-leukocyte mixed conjugates in patients with atrial fibrillation. Congress of the International Society on Thrombosis and

Haemostasis, 11-16 July 2009, Boston (USA).

- **S Alberti**, S Orobello, T Martino, AM Griguoli, E Amico, F Squitieri. Low levels of TGF beta 1 in Huntington disease peripheral macrophages and brain glial cells. European Congress of Huntington Disease, 03-05 September 2010, Prague.
- **S Alberti**, S Orobello, T Martino, AM Griguoli, E Amico, C Busceti, G Battaglia, F Nicoletti , JP Vonsattel, F Squitieri. Analysis of TGFbeta1 in glial cells, neurons and peripheral macrophages to seek Huntington disease biomarkers. Word Congress of Huntington Disease, 11-14 September 2011, Melbourne; Fifth Annual HD Clinical Research Symposium, 05 November 2011
- Di Pardo A, **Alberti S**, Concetti F, Elifani F, Martino T, Busceti CL, Battaglia G, Nicoletti F, Maglione V, Amico E, Vonsattel JP, Squitieri F. HD stage-dependent TGF β -1 production in macrophages and glial cells. European Congress of Huntington Disease, 14-16 September 2012, Stockholm.
- Squitieri F, Di Pardo A, **Alberti S**, Maglione V, Amico E, Ciarmiello A. Glucose metabolism is reduced in Huntington Disease: in *vivo* and in *vitro* evidence. European Congress of Huntington Disease, 14-16 September 2012, Stockholm.
- Di Pardo A, Maglione V, Favellato M, **Alberti S**, Amico E, Squitieri F. Potential neuroprotective effect of Pridopidine in Hungtington Disease. European Congress of Huntington Disease, 14-16 September 2012, Stockholm.

LANGUAGES

- Italian: mother tongue
- English: proficiency
- French: basic

COMPUTER SKILLS

- Operative Systems: Microsoft Windows
- Office Automation: Microsoft *Office*, *Internet Explorer*

QUALIFICATIONS

- State exam of Biology
- First certificate of English

I expressly authorize the use of my personal data, according to the Italian Law D.Lgs. 196/03.