

Curriculum Vitae et Studiorum

CARLOTTA CAVICCHIO

Nationality: Italian

Place of birth : Bondeno (FE), Italy

Date of birth: 31/07/1987

EDUCATIONAL BACKGROUND

- **March 2015 – September 2015:** stage at “Cellular Physiology Laboratory”, University of Ferrara.
- **July 2015:** state examination for the qualification to practice the profession of pharmacist (final evaluation: 214/260).
- **March 2015:** Graduation in Pharmacy at University of Ferrara on 18th March, 2015 (final evaluation: 87/110). Thesis: “*Effetto placebo: inutile suggestione o possibile alleato terapeutico?*”. Supervisors: Prof. Giuseppe Valacchi, Prof. Franco Cervellati.
- **October 2014 – April 2015:** PIL (Percorso di Inserimento Lavorativo – Path of Employment) following lessons of organization, skills, labor law and communication.

PROFESSIONAL EXPERIENCE

- **August 2016 – October 2016:** Fellowship at the Departement of Life Sciences and Biotechnologies, Cellular Physiology Laboratory, University of Ferrara.
- **April 2016 – July 2016:** Fellowship at the Departement of Life Sciences and Biotechnologies, Cellular Physiology Laboratory, University of Ferrara.
- **October 2015 – March 2016:** Fellowship at the Departement of Life Sciences and Biotechnologies, Cellular Physiology Laboratory, University of Ferrara.
- **March 2015 – September 2015:** Stage at Cellular Physiology Laboratory, University of Ferrara.
- **June 2013 - January 2014:** Internship at Pharmacy “Calzolari”, Via Cortevectchian° 9, Ferrara.

RESEARCH SKILLS

- Cells culture techniques: experience with mammalian cell culture, including thawing, expansion, passaging, cryopreservation.
- Knowledge and application of aseptic technique and good laboratory practices.
- Preparation of culture media/reagents, buffers, solutions.
- Cellular assays: viability and apoptosis.
- Electrophoretic techniques: SDS-PAGE, Western Blot.
- Spectrophotometric techniques: BrdU, Bradford.
- Cytofluorimeter usage.
- Skills in writing scientific papers and grant proposals.
- Technical report writing, presentation, as well as data collection and analysis abilities.
- Predisposition to work with lab animals.
- Good attitude for working in team and taking part in projects.

ADDITIONAL SKILLS

Languages

- Italian (native language).
- English (intermediate – Trinity Grade 8; B2 of the CEF).
- French (DELFI 1er degré A1).

Informatic skills

- Good knowledge of Windows XP, Vista, 7 e 8.
- Good command of Microsoft Office tools (Word, Excel, and PowerPoint).
- Knowledge of GraphPad.
- Good knowledge of Web browsers (Microsoft Internet Explorer, Google Chrome) and e-mail applications (Microsoft Outlook).
- Medical and scientific database use for professional purposes (Medline)
- Knowledge of Wingsfar (intermediate).

CONGRESSES ATTENDANCE

Posters

- 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*; Rome, Italy, 2nd-4th July 2015: International Workshop on Biochemistry, Physiology and Pharmacology of Oxidative Stress.
- 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*; Rome, Italy 2nd-4th July 2015: International Workshop on Biochemistry, Physiology and Pharmacology of Oxidative Stress.
- **Carlotta Cavicchio**, Alessandra Pecorelli, Ximena M Muresan, Ilaria Crivellari, Mascia Benedusi, Erika Pambianchi, Vinno Savelli, Giuseppe Belmonte, Franco Cervellati, Duccio Calamandrei, Giorgio Rispoli, Giuseppe Valacchi. *Potassium Ascorbate with Ribose – Promising therapeutical approach for Malignant Melanoma.* Andros, Greece 1st- 4th September 2016. 7th International Conference on Oxidative Stress in Skin Medicine and Biology.

Oral presentation

- **Carlotta Cavicchio**, *Potassium ascorbate with ribose promising therapeutical approach for malignant melanoma*; Budapest, Hungary, 8th-11th June 2016: Annual Meeting of the Society for Free Radical Research – Europe (SFRR-E)

PUBLICATIONS:

- Canella R, Martini M, Borriello R, **Cavicchio C**, Muresan X, Benedusi M, Cervellati F, Valacchi G. *Modulation of chloride currents in human lung epithelial cells exposed to exogenous oxidative stress*. 18 nov 2016 Journal of Cellular Physiology
- Castellazzi M, Trentini A, Romani A, Valacchi G, Bellini T, Bonaccorsi G, Fainardi E, **Cavicchio C**, Passaro A, Zuliani G, Cervellati C. *Decreased arylesterase activity of paraoxonase-1 (PON-1) might be a common denominator of neuroinflammatory and neurodegenerative diseases*. 2016 June 14. Int J Biochem Cell Biol. pii: S1357-2725(16)30148-0. doi: 10.1016/j.biocel.2016.06.008. [Epub ahead of print]
- Crivellari I, Sticozzi C, Belmonte G, Muresan XM, Cervellati F, Pecorelli A, **Cavicchio C**, Zouboulis CC, Benedusi M, Cervellati C, Valacchi G. *SRBI as a new redox target of cigarette smoke in human sebocytes*. Free Radical Biology & Medicine [Submitted]
- Canella R, Martini M, Borriello R, **Cavicchio C**, Muresan XM, Cervellati F, and Valacchi G. *Protective effect of vitamin E on ClC-2 channels functionality in human lung epithelial cells exposed to Ozone*. 2016 July 11. Journal of Cellular Physiology. [Submitted]
- **Cavicchio C**, Pecorelli A, Muresan XM, Crivellari I, Benedusi M, Pambianchi E, Savelli V, Belmonte G, Cervellati F, Calamandrei D, Rispoli G, Valacchi G. *Potassium Ascorbate with Ribose – Promising therapeutical approach for Malignant Melanoma*. [In Preparation]

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.

The undersigned agrees to the publication of this curriculum vitae on the website of the University of Ferrara.

Ferrara, 14/12/2016

Concetta Cavicchio