

Curriculum Vitae

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Date of Birth: 22th July 1983

Place of Birth: Italy

Current occupation:

University of Turin

PhD student in Pharmaceutical Technology - Doctoral School of Science and High Technology.

Education:

- ◆ *1 july 2008-30 october 2008:* Department of Science and Pharmaceutical Technology, Scholarship for the project “*Vehiculation of antitumoral drugs using microbubbles*”.
- ◆ *1 january 2008-30 june 2008:* Department of Neuroscience, Scholarship for the project “*US mediated oxygen delivery from microbubbles*”.
- ◆ *2002-2007 (November)* Degree in “*Chemistry and Pharmaceutical Technology*”, Faculty of Pharmacy, University of Turin

Poster:

“*Synthesis, characterization and transfection studies of novel amphoteric polyamidoamines*”, R. Cavalli, A. Bisazza, L. Primo, E. Ranucci, P. Ferruti-IPC 2008, 12-16 december 2008, New Delhi.

“*Preparation and characterization of oxygen-filled dextran nanobubbles for tissue oxygenation*”, R. Cavalli, A. Bisazza, P. Giustetto, C. Trotta, C. Guyot, M. Trotta, CESPT2008, 18-20 september 2008, Ljubjana.

“*Heat enhances gas delivery and acoustic attenuation in CO₂ filled microbubbles*”, P. Giustetto, A. Bisazza, A. Biagioni, A. Alippi, A. Bettucci, R. Cavalli, C. Guiot, EMBC 2008, 20-25 august 2008, Vancouver, BC.

“*Chitosan microbubbles as oxygen delivery system for the treatment of hypoxic tissues*”- R. Cavalli, A. Rolfo, A. Bisazza, S. Balbis, C. Trotta, D. Madonnaripa, I. Caniggia, C. Guiot - CRS 2008, 12-16 july 2008, New York.

Oral presentation

National Nanomedicine Conference Genova, 28-29 Novembre 2008, “*Characterization of biocompatible micro and nanobubbles as a new therapeutic device for the oxygen delivery in hypoxic tissues*”, S. Balbis, A. Bisazza, C. Guiot, R. Cavalli.

Microbubble-mediated oxygen delivery to hypoxic tissues as a new therapeutic device”, A. Bisazza, P. Giustetto, A. Rolfo, I. Caniggia, S. Balbis, C. Guiot, R. Cavalli, EMBC 2008-IEEE, 2067-2070, 20-25 agosto 2008, Vancouver, BC.

Conference participation

- February 17, 2008, Thermal analyses for polymer characterization, Organized by Mettler Toledo, Milan.
- November 28-29, 2008, National Nanomedicine Conference, Genova.
- July 12-16, 2008, CRS 2008, New York.

Publication

A. Bisazza, P. Giustetto, A. Rolfo, I. Caniggia, S. Balbis, C. Guiot, R. Cavalli, Microbubble-mediated oxygen delivery to hypoxic tissues as a new therapeutic device, Engineering in Medicine and Biology Society 2008 (EMBS 2008)-IEEE, 2067-2070.

P. Giustetto, A. Bisazza, A. Biagioni, A. Alippi, A. Bettucci, R. Cavalli, C. Guiot, Heat enhances gas delivery and acoustic attenuation in CO₂ filled microbubbles, Engineering in Medicine and Biology Society 2008 (EMBS 2008) IEEE, 2306-2309.

R. Cavalli, A. Bisazza, P. Giustetto, A. Civra, D. Lembo, C. Trotta, C. Guiot, M. Trotta, Preparation and characterization of dextran nanobubbles for oxygen delivery, International Journal of Pharmaceutics, accepted for publication.