PERSONAL INFORMATION

Sara D'Aronco

Pediatric Research Institute, Corso Stati Uniti 4, 35127 Padua, Italy

+39 049 9640 160

Sdaronco@irpcds.org

www.cittadellasperanza.org

POSITION

Researcher at Nano Inspired Biomedicine Laboratory

WORK EXPERIENCE

March 2016 - Now

Researcher at Nano Inspired Biomedicine Laboratory

The project aims to develop fast and sensible methods to quantify anti-neoplastic drugs in plasma of treated patients by the use of mass spectrometry.

September 2010 – February 2011

Fellowship "Implementation of analytical techniques by HPLC-MS"

Institute of Clinical Pharmacology and Toxicology, University of Udine

EDUCATION AND TRAINING

January 2013- January 2016

PhD in developmental medicine and health planning sciences

Department of Women and Children's Health -University of Padua-

Thesis' title: DHA synthesis during pregnancy and markers of lung injury in infants with acute lung diseases

- Extraction of lipids from biological samples and analysis by gas-chromatography
- ELISA techniques

June 2011

National qualifying examination: Chemist

University of Padua

October 2002- December 2009

Master of Science in Pharmaceutical Chemistry and Technology

Mark: 110/110

Thesis' title: Quantification of voriconazole and posaconazole by HPLC coupled to mass spectrometry. Validation of the method and clinical applications

January 2010- August 2010

Traineership

Institute of Clinical Pharmacology and Toxicology, University of Udine

- Extraction of drugs from biological samples and analysis by LC-MS
- Clinical pharmacokinetics

PERSONAL SKILLS

Mother tongue: Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B1	B1	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Indipendent user	Indipendent user	Basic user	Basic user	Basic user

- Good command of Office, GraphPad, SPSS
- Operating systems: Windows and Linux

Driving licence: B

ADDITIONAL INFORMATION

Publications

- Cardiopulmonary Bypass Increases Plasma Glial Fibrillary Acidic Protein Only in First Stage Palliation of Hypoplastic Left Heart Syndrome
  Vedovelli L, Padalino M, Simonato M, **D'Aronco S**, Bertini D, Stellin G, Ori C, Carnielli VP, Cogo PE - Can J Cardiol. 2016

- Surfactant protein B and A concentrations are increased in neonatal pneumonia
  D'Aronco S, Simonato M, Vedovelli L, Baritussio A, Verlato G, Nobile S, Giorgetti C, Nespeca M, Carnielli VP, Cogo PE - Ped Res. 2015

Oral Comunications

- Estimation of DHA synthesis during pregnancy using the stable isotope natural abundance approach
  D'Aronco S, Simonato M, Visentin S, Vedovelli L, Carnielli VP, Cogo PE
  34th Informal Meeting on Mass Spectrometry 15-18 Maggio 2016, Fiera di Primiero (TN)

Posters

- Total body water and water turnover, measured by deuterium dilution, are increased in ARDS patients
  Simonato M, Dalla Massara L, Vedovelli L, **D'Aronco S**, Rossi S, Ori C, Carnielli VP, Cogo PE
  34th Informal Meeting on Mass Spectrometry, 15-18 Maggio 2016, Fiera di Primiero –TN-

Abstracts

- Glial Fibrillary Acidic Protein increases during cardiopulmonary bypass late phases in first stage palliation for univentricular heart
  Vedovelli L, Padalino M, Simonato M, D'Aronco S, Betini D, Stellin G, Carnielli VP, Cogo PE
  Pediatric Academic Societies Annual Meeting, 25-28 Aprile 2015, San Diego -CA-

I authorize the processing of the personal data contained in this CV in compliance with the Italian Personal Data Protection Code (Legislative Decree 196 of June 2003).

Padova, 31st May 2016