Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Chiara Arrigoni**
E-mail	chiararr@tin.it
Nationality	Italian
Date of birth	05/12/1977
Gender	F

Desired employment / Occupational field

Work experience

Dates	2010/11/01 -
Occupation or position held	Post doctoral fellow
Main activities and responsibilities	Involved as local project coordinator in the development of innovative bioreactors, within a collaboration project with 7 italian partners. Participating to a study investigating the mechanisms involved in bone metastasis formation in collaboration with Mario Negri Institute. Local coordinator of a project about the development of a vascularized bone tissue, in collaboration with a Japanese research group.
Name and address of employer	GSDF - Gruppo san Donato Foundation
Type of business or sector	Biomedical Research
Dates	2009/11/01 – 2010/10/31
Occupation or position held	Data Manager
Main activities and responsibilities	Clinical data management in the field of head & neck tumors
Name and address of employer	IEO – European Institute of Oncology
Type of business or sector	Hospital
Dates	2006/06/01 – 2009/10/31
Occupation or position held	Post doctoral fellow
Main activities and responsibilities	Involved as researcher in projects about the development of vascular tissue substitutes, in collaboration with other Italian research institution; responsible of a project investigating the role of shear stress in renal cell behaviour
Name and address of employer	Mario Negri Institute for Pharmacological Research (IRFMN)
Type of business or sector	Research Institution
Dates	2002/09/01 – 2003/01/01
Occupation or position held	Research fellow
Main activities and responsibilities	Involved as a researcher in projects about the development of tissue engineered vascular substitutes.
Name and address of employer	Mario Negri Institute for Pharmacological Research (IRFMN)
Type of business or sector	Biomedical Research

Education and training

Dates	2003/01/01 – 2006/05/31
Title of qualification awarded	PhD in bioengineering
Principal subjects/occupational skills covered	Development of bioreactors for vascular tissue engineering.
Name and type of organisation providing education and training	Politecnico di Milano – Mario Negri Institute for Pharmacological Research (IRFMN)

Dates	2002/06/10 – 1996/09/01
Title of qualification awarded	Master degree in biomedicalengineering
Principal subjects/occupational skills covered	More relevant subjects studied: biomaterials, biomechanics, tissue engineering, physiology, statistics, mathematics and physics.
Name and type of organisation providing education and training	Politecnico di Milano

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s) **English, French**

Self-assessment	Understanding				Speaking				Writing	
European level (*)	Listening		Reading		Spoken interaction		Spoken production			
English	B2	Independent user	C2	Proficient user	B2	Independent user	B2	Independent user	C2	Proficient user
French	A2	Basic user	B1	Independent user	A1	Basic user	A1	Basic user	A2	Basic user

(*) Common European Framework of Reference for Languages

Organisational skills and competences
- Organization of experimental research projects (GSD)
- Coordination of master student thesis work (IRFMN, GSD).

Technical skills and competences
- scientific papers design and writing (GSD)
- writing of grant proposals (GSD)
- bioreactor design (IRFMN, GSD)
- cell and tissue culture with standard techniques and bioreactors (IRFMN, GSD)
- histological and immunofluorescence techniques (IRFMN)
- biochemical assays (IRFMN, GSD)

Computer skills and competences
- Basics of Access database design and use (IEO)
- Image processing software (Photoshop, ImageJ, CellF…) (IFRMN, GSD)
- Statistical software (Statview, Graphpad Prism,…) (IRFMN, IEO)

Driving licence I hold B driving license

Annexes

List of scientific publications:

- Tredici P, Grosso E, Gibelli B, Massaro MA, Arrigoni C, Tradati N. Identification of patients at high risk for hypocalcemia after total thyroidectomy. Acta Otorhinolaryngol Ital. 2011 Jun;31(3):144-8.
- Arrigoni C, Chitto' A, Mantero S, Remuzzi A Rotating versus perfusion bioreactor for the culture of engineered vascular constructs based on hyaluronic acid Biotechnol Bioeng 2008 ; 100 : 988-997
- Arrigoni C, Camozzi D, Remuzzi A Vascular tissue engineering Cell Transplant 2006 ; 15 Suppl 1 : S119-S125
- Arrigoni C, Camozzi D, Imberti B, Mantero S, Remuzzi A The effect of sodium ascorbate on the mechanical properties of hyaluronan-based vascular constructs Biomaterials 2006 ; 27 : 623-630

Conference proceedings:

- Turrisi C, Talò G, Arrigoni C, Moretti M Automated, online, real-time monitoring of culture parameters in multiple independent chmbers of a perfusion bioreactor.Oral Presentation at the Annual Meeting of Tissue Engineering Regenerative Medicine International Society -EU Chapter 2011. Histology and Histopathology (2011) vol. 26(suppl1)
- C Arrigoni, A Chittò, S Mantero and A Remuzzi Flow perfusion of HYAFF based engineered vascular constructs prevent cell apoptosis. Abstract of the 5th World Congress of Biomechanics, August 2006, Munich, Germany.
- A. Remuzzi, C Arrigoni, D. Camozzi, S Mantero Sodium Ascorbate improves mechanical properties of a novel hyaluronan based vascular constructs. Oral presentation at the 19th European Conference on Biomaterials, Sorrento, Italy, September 11-15, 2005
- A. REMUZZI, S. MANTERO, M. MORIGI, D. CAMOZZI, C. ARRIGONI, B. IMBERTI. Sodium ascorbate ameliorates mechanical properties of vascular constructs. Proceedings of the International Conference “Strategies in Tissue Engineering”, Würzburg, Germany, June 17-19, 2004.
- A. Remuzzi, S. Mantero, M. Colombo, SA Riboldi, M Morigi, D Camozzi, C. Arrigoni, B Imberti. Vascular smooth muscle cells on hyaluronic acid: culture and mechanical haracterization of an engineered vascular construct. Abstracts of the Second Meeting of the European Tissue Engineering Society, September 2003 (Genoa, Italy). Tissue Engineering (2003) vol. 9 (4), pp. 807-808.