Europass Curriculum Vitae

Personal information

Diego Romano Perinelli

Italian
10.10.1987
Male

Work experience

Chemist during the week-end

Education and training

Dates

From February 2012 to March 2015
Ph.D Student. “Pharmaceutical science”
University of Camerino

From May 2014 to July 2014
Research experience at King’s College of London
Supervisor Prof. J.Lawrence

From October 2013 to December 2013
Grant from University of Camerino for research experience in non-UE country
The University of Hong Kong Department of Pharmacology and Pharmacy
Supervisor J.K.Lam
Project: Assessment of biocompatibility of linear aminoacid-based surfactants

From June 2012 to October 2012
Erasmus Placement
Critical Pharmaceuticals Ltd. Nottingham (UK)
Supervisor: A.Naylor
Project: Preparation and characterization of microparticles through sCO_2 (PGSS technique) by using di-and-tri-block copolymers

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From October 2010 to November 2011
Graduation in industrial pharmacy, with full marks, discussing an experimental thesis entitled “Preliminary characterization of a BSA-poloxamer 407 system for methotrexate release.
School of Pharmacy University of Camerino

From October 2005 to April 2010
Graduation in pharmacy, with full marks, discussing an experimental thesis entitled ”Synthesis and biological evaluation of N^6 and C^2/N^6 substituted purinic nucleosides”.
School of Pharmacy University of Camerino

From October 2000 to July 2006
Bachelor of Music in piano
Conservatorio di musica “G. da Venosa”

Specific knowledge acquired during the laboratory practice:
Thermal analysis (DSC, microDSC, TGA,DMA)
Rheology of semisolid systems (rotational rheometers).
Spectroscopy: (UV, fluorimetry and acoustic)
Tensiometry
Conductimetry
Particle Size (Dynamic light scattering, TEM,SEM, view cell)
Optical and polarized light microscopy.
In vitro release studies
Enzymatic kinetics
Chemical synthesis
Toxicity studies on cell line (MTT, LDH and haemolytic assay) TEER

Personal skills and competences

Mother tongue(s) Italian

	Understanding		Speaking		Writing
European level (*)	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1

(*) Common European Framework of Reference for Languages

Social skills and competences

Organisational skills and competences

Technical skills and competences

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Computer skills and competences	Good command of Windows XP and Microsoft Office™ tools (Word™, Excel™ and PowerPoint™), Origin8, ChemOffice, Table curve;
Artistic skills and competences	Playing the piano, singing in choir
Other skills and competences	
Driving licence	Category B
Additional information	

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Publications

- Perinelli D.R., Cespi M., Pucciarelli S., Casettari L., Palmieri G.F, Bonacucina G.
  Effect of phosphate buffer on the micellization process of poloxamer 407: microcalorimetry, acoustic spectroscopy and dynamic light scattering studies
  Colloids and Surfaces A: Physicochemical and Engineering Aspects Volume 436, 5 September 2013, Pages 123–129 IF 2.108

- Cespi M., Casettari L., Bonacucina G., Giorgioni G., Perinelli D.R., Palmieri G.F.
  Evaluation of PEG-PLA di-block copolymers as additive in hypromellose film coating
  Polymers for Advanced Technologies Volume 24, Issue 11, pages 1018–1024, November 2013

- Cespi M., Casettari L., Palmieri G.F, Perinelli D. R., Bonacucina G.
  Rheological characterization of polyvinyl caprolactam-polyvinyl acetate-polyethylene glycol graft copolymer (Soluplus®) water dispersions
  Colloid and Polymer Science January 2014, Volume 292, Issue 1, pp 235-241.

- Perinelli D.R., Bonacucina G., Cespi M., Naylor A., Whitaker M., Palmieri G.F., Giorgioni G., Casettari L.*
  Evaluation of P(L)LA-PEG-P(L)LA as processing aid for biodegradable particles from gas saturated solutions (PGSS) process
  International Journal of Pharmaceutics - Volume 468, Issue 1-2, April 2014, Pages 250-257 - 2014

- Signorello L, Pucciarelli S, Bonacucina G, Polzonetti V, Cespi M, Perinelli DR, Palmieri GF, Pettinari R, Pettinari C, Fiorentini G, Vincenzetti S
  Quantification, microbial contamination, physico-chemical stability of repackaged bevacizumab stored under different conditions.
  Curr Pharm Biotechnol. 2014;15(2):113-9.

- Cespi M, Bonacucina G, Pucciarelli S, Cocci P, Perinelli DR, Casettari L, Illum L, Palmieri GF, Palermo FA, Mosconi G
  Evaluation of thermosensitive poloxamer 407 gel systems for the sustained release of estradiol in a fish model.
  European Journal of Pharmaceutics and Biopharmaceutics 88 (2014) 954–961

Marco Cespi, Diego R. Perinelli, Luca Casettari, Giulia Bonacucina, Giuseppe Caporicci, Filippo Rendina, Giovanni F. Palmieri
Use of in-die powder densification parameters in the implementation of process analytical technologies for tablet production on industrial scale
International Journal of Pharmaceutics 477 (2014) 140–147

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Conferences

Perinelli DR, Bonacucina G, Pucciarelli S, Cespi M, Casettari L, Polzonetti V, Carpi FM, Palmieri GF.
Could Albumin Affect the Self-Assembling Properties of a Block Co-polymer System and Drug Release? An In-Vitro Study.
Pharm Res. 2015 Mar;32(3):1094-104

Luca Casettari, Giulia Bonacucina, Gordon A. Morris, Diego R.Perinelli, Paolo Lucaioli, Marco Cespi, Giovanni Filippo Palmieri
Dextran and its potential use as tablet excipient
Powder Technology Volume 273, March 2015, Pages 125–132

Casettari L., Bonacucina G., Cespi M., Perinelli D.R., Micheli M., Cacciatore I., Di Stefano A., Palmieri G.F.
Effect of manufacturing temperature and molecular weights on compression, mechanical and dissolution properties of PEOs matrix tablets
Journal of Drug Delivery Science and Technology - Accepted 2015
DOI:10.1016/J.ddst.2015.05.005

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Conferences

Conferences

Marco Cespi, Giulia Bonacucina, Diego Romano Perinelli, Luca Casettari, Sara Ronchi, Giovanni Filippo Palmieri. **Analisi dell'influenza della temperatura durante il processo di compressione** May 2012 -*52° Simposio AFI* -Rimini (Italy)

Diego Romano Perinelli, Giulia Bonacucina, Marco Cespi, Stefania Pucciarelli, Luca Casettari, Giovanni Filippo Palmieri.**Effetto della concentrazione del tampone fosfato sul processo di micellizzazione del polossamero 407** May 2012 -*52° Simposio AFI* -Rimini (Italy)

Marco Cespi, Giulia Bonacucina, Diego Romano Perinelli, Luca Casettari, Giovanni Filippo Palmieri. **Caratterizzazione reologica di dispersioni acquose di Soluplus®** June 2013 -53° Simposio AFI -Rimini (Italy)

Diego Romano Perinelli, Giulia Bonacucina, Marco Cespi, Stefania Pucciarelli, Luca Casettari, Giovanni Filippo Palmieri. **Optimization of ternary systems based on water/ethyl oleate/Span 80-Tween 80** July 2013 - 3rd SoMaS School Polymers at Interfaces - **Mittelwihr** (France)

Diego Romano Perinelli, Stefania Pucciarelli, Giulia Bonacucina, Marco Cespi, Luca Casettari, Giovanni Filippo Palmieri.**Effect of BSA on methotrexate release from POLOXAMER 407 hydrogel** September 2013 - 3° Conference Innovation in Drug Delivery *Advances in Local Drug Delivery* - Pisa (Italy)

Diego Romano Perinelli, Luca Casettari, Marco Cespi, Giulia Bonacucina, Andrew Naylor, Steven Howdle, Giovanni Filippo Palmieri. **Use of block copolymers to produce biodegradable particles from gas saturated solutions (PGSS) process** September 2013 - 3° Conference Innovation in Drug Delivery *Advances in Local Drug Delivery* - Pisa (Italy)

L. Redondo, L. Casettari, D.R. Perinelli, M. Cespi, G. Bonacucina, G.F. Palmieri, P. Jiménez, T. Girbés, V. García, D. Cordoba-Diaz, M. Cordoba-Diaz **Mucoadhesive particles with enhancing intestinal absorption capacity as drug delivery platform for vitamin E** November 2013 - X Spanish-Portuguese Conference on Controlled Drug Delivery - Valencia (Spain)

M. Cespi, G. Bonacucina, S. Pucciarelli, P. Cocci, D. R. Perinelli, L. Casettari, L. Illum, G. F. Palmieri, F. A. Palermo and G. Mosconi **Thermosensitive HYDROGEL system for sustained release of estradiol in a fish model** November 2014 *IT-CRS Workshops* Firenze (Italy)

[a]Diego R. Perinelli, [b]Luca Casettari, [a]Marco Cespi, [b]Francesco Fini, [c]Dede K.W. Man, [a]Gianfabio Giorgioni, [a]Silvia Canala, [c]Jenny K.W. Lam, [a]Giulia Bonacucina and [a]Giovanni F. Palmieri **Toxicological profiles and surface properties at physiological pH of N-decanoyl amino acids** 9th A.It.U.N. Annual Meeting May 2015 Milano (Italy).

Diego Romano Perinelli, Giulia Bonacucina, Stefania Pucciarelli, Marco Cespi, Luca Casettari, Elisa Canala, Serena Logrippo, Laura Fagioli and Giovanni Filippo Palmieri **Protein loading capacity, effect of pH and storage temperature on the stability of a water/ethyl oleate/Span 80-Tween 80 ternary system** 55°Simposio AFI June 2015 Rimini (Italy)

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Marco Cespi, Giulia Bonacucina, Luca Casettari, Raul Francesco Perinelli, Diego Romano Perinelli, Serena Logrippo, Laura Fagioli and Giovanni Filippo Palmieri **Experimental factors affecting drug release from gel using VanKel (ENHANCER®) cells** 55°Simposio AFI June 2015 Rimini (Italy)

Summer School

3rd SoMaS SCHOOL
POLYMERS AT INTERFACES
ANNUAL SUMMER SCHOOL
JULY 7-12, 2013 (Mittilwhir, France)

AIM (Associazione Italiana macromolecole) Summer School
Caratterizzazione di materiali polimerici - Tecniche per polimeri in soluzione "Methods of characteryzation of polymers in solution"
May 19-23, 2014 Gargnano(BS) (Italy)

IGiornate Didattiche SISN (Società italiana spettroscopia neutronica) S.Giovanni in Valle Aurina 12-17 settembre 2014 Grenoble (Institute Laue-Langevin ILL) 18-23 settembre 2014

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