INFORMAZIONI PERSONALI

GIOVANNI FILIPPO PALMIERI

POSIZIONE RICOPERTA

ESPERIENZA PROFESSIONALE

Dal 01/11/2002 a tutt'oggi

Professore Associato, settore scientifico disciplinare CHIM/09 Fatmaceutico Tecnologico Applicativo

Dal 02/11/1992 al 31/10/2002

Professore Associato dell'attuale Scuola di Scienze del farmaco e dei Prodotti della Salute, dell'Università di Camerino

Ricercatore Universitario della Facoltà di Farmacia dell'Università di Camerino

Durante tali periodi il Prof Palmieri si è occupato delle seguenti !ematiche di ricerca:

- tecniche di solubilizzazione di principi attivi insolubili in acqua (complessi ad inclusione con ciclodestrine e dispersioni solide),
- preparazione di microsfere e microcapsule,
- formulazione di sistemi a rilascio controllato a somministrazione orale,
- studio delle caratteristiche di comprimibilità e densificazione di polveri c granulati,
- studio delle capacità mucoadesive di forme farmaceutiche solide e semisolide,
- studio delle caratteristiche reologiche di fluidi, gel e materiali semisolidi in genere,
- studio delle caratteristiche reologiche di materiali solidi ad uso farmaceutico,
- studio delle proprietà di self-assembling e termogelificanti di materiali polimerici e loro impiego per il rilascio controllato di proteine,

Durante tali periodi il ProfPalmieri si è occupato delle seguenti attività didattiche:
• "Tecnologia, Socio-Econonia e Legislazione Fannaceutiche" del corso di Laurea in CTF (12 CFU), dall'A.A. 1996 1997 all'A:A 2010-2011;
• "Fonne Fannaceutiche" del corso di Laurea in Informazione Scientifica sul Fannaco (10 CFU), dall'A.A. 1997-98 all'A.A. 2004-2005.
• "Metodologie Tecnologico-Farmaceutiche" del corso di Laurea in CTF (5 CFU) dall'A.A. 2001-2002 all'A.A. 2008-2009.
• "Tecnologia Farmaceutica" del corso di laurea in Biotecnologie (10 CFU) per l'AA 2002-2003.
• "Tecnologia Farmaceutica Applicata" del corso di laurea in Tossicologia del Farmaco, degli Alimenti e dell'Ambiente dall'A.A. 2003-2004 all'A.A. 2004-2005.
• "Tecnologia, Socio-Econonia e Legislazione Farmaceutiche I" del corso di Laurea in Farmacia (12 CFU), dall'A. A. 2005-2006 a tutt'oggi;
• "Tecnologia, Socio-Econonia e Legislazione Fannaceutiche II" del corso di Laurea in Fannacia (12 CFU), dall'A.A. 2011-2012 a tutt'oggi;

Dal 01/06/1991 al 31/1211993

Visiting Scientist presso il Laboratoire de Pharmacotechnie dell'Université Lonis Pasteur di Strasburgo

Durante tali periodi il Prof Palmieri si è occupato delle seguenti !ematiche di ricerca:
• la preparazione e caratterizzazione di complessi ad inclusione tra ciclodestrine e vari principi attivi,
• l'utilizzo dello spray-dryer nella preparazione di microsfere e microcapsule a rilascio controllato a somministrazione orale,
• l'utilizzo di un high-share mixer e delle tecniche statistiche di ottimizzazione nella preparazione di pellets contenenti principio attivo,
• Il rivestimento filmogeno di pellets in letto fluido, in maniera da ottenere sistemi a rilascio controllato a somministrazione orale.

ISTRUZIONE E FORMAZIONE

Nov. 1983-ott. 1989 — Laurea in Chimica e Tecnologia Fannaceutiche con la votazione di Il O/Il0 e lode, presso l'Università di Camerino

Sett. 1978 _ Giu. 1983 — Liceo Scientifico A. Varano di Camerino (MC)

COMPETENZE PERSONALI

Lingua madre — Italiano

Altre lingue	COMPRENSIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
Inglese	B2	B2	B2	B2	C1
Francese	B2	B2	B2	B2	C1

Livelli: Al/2 Livello base- Bl/2 Livello intenmedio- Cl/2 Livello avanzato
Quadro Comune Europeo di Riferimento delle Lingue

Competenze comunicative
- possiedo buone competenze comunicative acquisite mediante i vari corsi di didattica universitaria

Competenze organizzative e gestionali
- organizzazione di seminari per studenti
- organizzazione e coordinamento di master di secondo livello
- coordinatore di progetti di licerca con indushie fanmaceutiche
- coordinatore di wl gmppo di ricerca di 5 elementi

Competenze professionali
- metodi fisici stmmentali di carattelizzazionc di sistemi ad uso t:·umaceutico
- fmmulazione di sistemi nanoparticellari
- fmmulazione di solidi orali

Competenze infmmatiche
- buona padronanza degli stmmenti Microsoft Officc
- buona padronanza delle vatie versioni del sistema operativo windows
- conoscenza di software specifici per la gestione di apparecchiature scientifiche

Patente di guida B

ULTERIORI INFORMAZIONI

Pubblicazioni scientifiche

l) Syntesis of 7-oxo-7H-benzo[e)perimidine-4-carboxamides as potential antitumor dmgs;
Ippolito Antonini, Paolo Polucci, Donatella Cola, Giovanni Filippo Palmieri, Sante Martelli,
ILFARMAC0,47(11), 1385-1393; 1992

2) Inclusion complexation of vitaminA palmitate with B-cyclodextrin in aqueous solution;
Giovanni Filippo Palmieri, Pasca!Wehrlé, André Stamm,
DRUG DEV. IND. PHARM.,18(19), 2117-2121 (1992)

3) Synthesis of9,l0-anthraquinone monoalkilamino alkilhydrazones as potential antitumor dmgs,
Ippolito Antonini, Paolo Polucci, Donatella Cola, Giovanni Filippo Palmieri, Sante Martelli,
IL FARMACO, 48 (12), 1641-1648, 1993

4) Inclusion ofvitamin *Dz* in Jl-cyclodextrin. Evaluation of different complexation methods,
Giovanni Filippo Palmieri, Pasca!Wehrlè, Andrè Stamm,
DRUG DEV. IND. PHARM., 19(8), 875-885 (1993).

5) Comparison of different methods to complex water-or liposoluble vitamins,
Giovanni Filippo Palmieri, Pasca!Wehrlé, André Stamm,
BOLL. CHIM. FARMACEUTICO, 133(5) 1994,309-316

6) The Taguchi's performance statistic to optimize Theophylline beads production in a high-speed granulator,
Pasca!Wehrlé, Giovanni Filippo Palmieri, André Stamm,
DRUG DEV. IND. PHARM., 20(18), 2823-2843 (1994).

7) Evaluation of spray-drying as a method to prepare micropatticles for contro!led drug release,
Giovanni Filippo Palmieri, Pasca!Wehrlé, André Stamrn,
DRUG DEV. IND. PHARM., 20(18), 2859-2879 (1994).

8) Aqueous acrylic resin for coating an originai theophylline granulate,
Giovanni Filippo Palmieri, Pasca!Wehrlé, André Stamm,
DRUG DEV. IND. PHARM., 21(8), 879-888 (1995).

9) Synthesis and biologica! evaluation of mono- and bis-[(alkylamino)alkylamino] substituted thienopyridopyridazines, a new class of potential antitumor agents,
Ippolito Antonini, Donatella Cola, Paolo Polucci, Giovanni Filippo Palmieri, Sante Martelli,
IL FARMAC0,51(1), 41-47 (1996).

10) Drug release from compressed Eudragit RS 30D coated beads,
Giovanni Filippo Palmieri, Pasca!Wehrlé and Sante Matielli,
S.T.P. PHARMA SCIENCES, 6(2), 118-121 (1996).

Il) Characterization and dissolution studies of PEG 4000/fenofibrate solid dispersions,
Giovanni Filippo Palmieri, Ippolito Antonini and Sante Martelli,
S.T.P. PHARMA SCIENCES, 6(3), 188-194 (1996).

12) Gelatin-Acacia complex coacervation as a method for Ketoprofen microencapsulation,
Giovanni Filippo Palmieri, Sante Mattelli, Dario Lauri and Pasca!Wehrlé,
DRUG DEV. IND. PHARM., 22(9&10), 951-957 (1996).

13) Inclusion of Methoxybutropate in Jl- and Hydroxypropyl Jl-cyclodextrins: Comparison of preparation methods,
Giovanni Filippo Palmieri, Depalmo Galli-Angeli, Gaetana Giovatmucci and Sante Martelli,
DRUG DEV. IND. PHARM., 23(1), 27-37 (1997).

14) Evaluation ofEthylcellulose-Coated pellets Optimized using the Approach ofTaguchi,
Giovanni Filippo Palmieri and Pasca!Wehrlé,
DRUG DEV. IND. PHARM., 23(11), 1069-1077 (1997)

15) Inclusion complexation of Fenofibrate with beta-cyclodextrin and hydroxypropyl beta-cyclodextrin. Evaluation of interactions in so1ution and solid complex characterization,
Giovanni Filippo Palmieri, Gaetana Giovannucci, Ippolito Antonini, Sante Martelli,
STP PHARMA SCI., 7(2), 174-181 (!997).

16) Evaluation of the mixing effectiveness of a new powder mixer,
Giovanni Filippo Palmieri, Debora Lavato, Leonardo Marchitto, Aldo Zanchetta, Sante Martelli,
DRUG DEV. IND. PHARM., 24(!), 81-88 (1998).

17) Interactions between Lonidamine and 13- or hydroxypropyl -13- cyclodextrin,
Giovanni Filippo Palmieri, Pasca!Wehrlé and Sante Martelli,
DRUG DEV. IND. PHARM., 24(7), 653-660 (1998).

18) Methoxybutropate microencapsulation by gelatin-acacia complex coacervation,
Giovanni Filippo Palmieri, Dario Lauri, Sante Martelli and Pasca!Wehrlé,
DRUG DEV. IND. PHARM., 25(4), 399-407 (1999).

19) New Controlled-Release Ibuprofen Tablets,
Giovanni Filippo Palmieri, Debora Lavato and Sante Martelli,
DRUG DEV. IND. PHARM., 25(5), 671-677 (!999).

20) Improved Dissolution Behavior ofFenbufen by Spherical Ctystallization,
P. Di Martino, C. Barthélémy, F. Piva, E. Joiris, G.F. Palmieri and S. Martelli,
DRUG DEV. IND. PHARM. 25(!0), 1073-1081 (1999).

21) Improved Compression Propetties of Propyphenazone Spherical Crystals,
Piera Di Martino, Robetta Di Cristofaro, Clu·istine Barthélémy, Etienne Joiris, Giovanni Filippo Palmieri, Sante Martelli,
INT. J. PHARM., 197(1-2), 95-106 (2000).

22) Polymers with pH-dependent solubility: Possibility of use in the f01mulation of gashwesistant and controlled-release matrix tablets,
Giovanni Filippo Palmieri, Simona Michelini, Piera Di Martino and Sante Martelli,
DRUG DEV. IND. PHARM., 26(8), 837-845 (2000).

23) Evidence of a metastable f01m of fenofibrate,
Piera Di Martino, Giovanni Filippo Palmicri and Sante Martelli,
PHARMAZIE, 55(8), 625-626 (2000).

24) Molecular mobility ofthe paracetamol amorphous form,
Piera Di Mattino, Giovanni Filippo Palmieri and Sante Martelli,
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25) Emulsion/solvent evaporation as an altemative teclutique in pellets preparation,
Giovanni Filippo Pa1mieri, Roberta Grifantini, Piera Di Martino and Sante Martelli,
DRUG DEV. IND. PHARM., 26(11), 1151-1158 (2000).

26) Tabletted polylactide microspheres prepared by a w/o emulsion-spray dtying method,
Paolo Giunchedi, Elisabetta Gavini, Giulia Bonacucina, Giovanni Filippo Palmieri,

J. MICROENCAPSULATION, 17(6), 711-720 (2000).

27) The spray drying of acetazolamide as a method to modify crystal properties and to improve compression behaviour,
Piera Di Martino, Mara Scappa, Etienne Joiris, Giovanni Filippo Palmieri, Cyrille Andres, Yvette Pourcelot, Sante Mattelli,
INT. J. PHARM., 213(1-2), 209-221 (2001).

28) Spray-drying as a method for microparticulate controlled release systems preparation: advantages and limits. I. Water soluble drugs,
Giovanni Filippo Palmieri, Giulia Bonacucina, Piera Di Martino and Sante Mattelli,
DRUG DEV. IND. PHARM., 27(3), 1-14 (2001).

29) Physical characterization of naproxen sodium hydrate and anhydrate form, Piera Di Martino, Christine Barthélémy, Giovatmi Filippo Palmieri, Sante Martelli, EUR. J. PHARM. SCI., 14(4), 293-300 (2001).

30) Gastro-resistant microspheres containing ketoprofen,
Giovanni Filippo Palmieri, Giulia Bonacucina, Piera Di Martino, Sante Martelli,
J. MICROENCAPSULATION, 19(1), 111-119 (2002).

31) Influence of crystal habit on the compression and densification mechanism of ibuprofen,
Piera Di Martino, Moira Beccerica, Eticnne Joiris, Giovanni Filippo Palmieri, Anne Gayot, Sante Mattclli,
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32) Microencapsulation of semisolid ketoprofen/polymer microspheres, Giovanni Filippo Palmieri, Giulia Bonacucina, Piera Di Martino, Sante Martelli, INT. J. PHARM., 242(1-2), 175-178 (2002).

33) Lonidamine solid dispersions: in vitro and in vivo evaluation,
Giovanni Filippo Palmieri, Franco Cantalamessa, Piera Di Martino, Cinzia Nasuti, Sante Martelli,
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34) Ketoprofen-poly(viny1pyrrolidone) physical interaction,
Piera Di Martino, Etiemte Joiris, Roberto Gobetto, Admir Masic, Giovanni Filippo Palmieri, Sante Martelli,
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35) Mucoadhesion dependence of pharmaceutical polymers on mucosa characteristics,
Danela Accili, Giovanna Menghi, Giulia Bonacucina, Piera Di Martino, Giovanni Filippo Palmieri,
EUR. J. PHRM. SCI., 22(4), 225-234 (2004).

36) Rheological, mucoadhesive and release properties of Carbopol gels in hydrophilic cosolvents,
Giulia Bonacucina, Sante Martelli, Giovanni Filippo Palmieri,
INT. J. PHARM., 282(1-2), 115-130 (2004).

37) Differences between eccentric and rotaty tablet machines in the evaluation of powder densification behaviour,
Giovanni Filippo Palmieri, Etienne Joiris, Giulia Bonacucina, Marco Cespi, Annalisa Mercuri,
INT. J. PHARM., 298(1), 164-175 (2005)

38) Rheological and dielectric characterization of monoolein/water mesophases in the presence of a peptide drug,
Giulia Bonacucina, Giovanni Filippo Palmieri, Duncan Q.M. Craig,
J. PHARM. SCI., 94(11), 2452-2462 (2005).

39) Rheological, adhesive and release characterisation of semisolid Carbopol/Tetraglycol systems,
Giulia Bonacucina, Marco Cespi, Monica Misici-Falzi, Giovam1i F. Palmieri,
INT. J. PHARM., 307(2), 129-140 (2006).

40) Rheological and adhesive properties of new thermo-responsive hyperbranched poly[ethylene oxide-b-propylene oxide-b-ethylene oxide],
Giulia Bonacucina, Gilles Ponchel, Catherine Ringard, Giovanni Filippo Palmieri, Jean-Louis Grossiord,
J. Dmg Delivery Science Technology, 16(1), 59-64 (2006).

41) Effect ofplasticizers on properties ofpregelatinised starch acetate (Amprac 01)free films,
Giulia Bonacucina, Piera Di Martino, Martina Piombetti, Angela Colombo, Francesco Roversi, Giovanni Filippo Palmieri,
INT. J. PHARM., 313, 72-77 (2006).

42) Acrylic Polymers as thickening agents for tetraglycol cosolvent,
Giulia Bonacucina, Giovallili Filippo Palmieri,
J. PHARM. SCI., 95(4), 726-736 (2006).

43) Mucoadhesion mechanism of chitosan and thiolated chitosan-poly(isobutyl cyanoacrylate) core-shell nanoparticles,
!rene Bravo-Osuna, Christine Vauthier, Alessandra Farabollini, Giovanni Filippo Pa1mieri, Gilles Ponchel,
BIOMATERIALS 28,2233-2243 (2007).

44) Mechanical characterization of phmmaceutical solids: A comparison betwecn rheo1ogical tests performed under static and dynamic porosity conditions,
Giulia Bonacucina, Marco Cespi, Monica Misici-Falzi, Giovanni F. Palmieri,
EUR. J. PHARM. BIOPHARM., 67 (2007) 277-283.

45) Stress relaxation test for the characterization ofthe viscoelasticity ofpellets,
Marco Cespi, Giulia Bonacucina, Monica Misici-Falzi, Roberto Golzi, Luigi Boltri, Giovanni F. Pa1mieri,
EUR. J. PHARM. BIOPHARM., 67 (2007) 476-484.

46) Effect of hydroxypropyl P-cyclodextrin on the self-assembling and thermogelation properties of poloxamer 407,
Giulia Bonacucina, Michele Spina, Monica Misici-Falzi, Marco Cespi, Stefania Pucciarelli, Mauro angeletti, Giovanni F. Palmieri,
EUR. J. PHARM. SCI., 32 (2007) 115-122.

47) The effect of punch tilting in evaluating powder densification in a rotary tablet machine,
Marco Cespi, Monica Misici-Falzi, Giulia Bonacucina, Sara Ronchi, Giovallili Filippo Palmieri,
J. PHARM. SCI., 97(3), 1277-1284 (2008).

48) Characterization of miceliar systems by the use of acoustic spectroscopy,

Giulia Bonacucina, Monica Misici-Falzi, Marco Cespi, Giovanni Filippo Palmieri,
J. PHARM. SCI., 97(6), 2217-2227 (2008).

49) Rheological evaluation of Silicon/Carbopol hydrophilic gel systems as a vehicle for delivery of water insoluble drugs,
Giulia Bonacucina, Marco Cespi, Monica Misici-Falzi, Giovanni Filippo Palmieri,
AAPS Joumal, 10(1), 84-91 (2008).

50) A new approach to determine loading efficiency of Leu-enkephalin in poly(isobutylcyanoacJylate) nanoparticles coated with thiolated chitosan,
K. Bouchemal, G. Ponchel, S. Mazzaferro, V. Campos-Requena, C. Gueutin, G.F. Palmieri, C. Vauthier,
J. Drug Delivery Science Technology, 18(6), 392-397 (2008).

51) Colloidal soft matter as drug delivery system,
Giulia Bonacucina, Marco Cespi, Monica Misici-Falzi, Giovanni Filippo Palmieri,
J.PHARM. SCI., 98(1), 1-42 (2009).

52) Characterization and Stability of Emulsion Gels Based on Acrylamide/Sodium Acryloyldimethyl Taurate Copolymer,
Giulia Bonacucina, Marco Cespi, Giovanni Filippo Palmieri,
AAPS Pharm Sci Tech, 10(2), 368-375 (2009).

53) Evaluation ofthe dissolution kinetics ofhydrophilic polymcrs by use of acoustic spectroscopy,
Giulia Bonacucina, Marco Cespi, Giovanni Filippo Palmieri,
INT. J. PHARM., 377 (2009) 153-158.

54) Monitoring the aggregation behaviour of self-assembling polymers through high-resolution ultrasonic spectroscopy,
Marco Cespi, Giulia Bonacucina, Giovanna Mencarelli, Giovanni Filippo Palmieri,
INT. J. PHARM., 388 (2010) 274-279.

55) Design, synthesis and preliminmy pharmacological evaluation of new imidazolinones as L-DOPA prodrugs,
Gianfabio Giorgioni, Francesco Claudi, Sabrina Ruggieri, Massimo Ricciutelli, Giovanni F. Palmieri, Antonio Di Stefano, Piera Sozio, Laura S. Cerasa, Annalisa Chiavaroli, Claudio Ferrante, Giustino Orlando, Richard A. Glennon,
Bioorganic & Medicina!Chemistty, 18 (2010) 1834-1843.

56) Evalnation ofpolymer mucoadhesiveness by the use of acoustic spectroscopy,
Marco Cespi, Giulia Bonacucina, Giovanna Mencarelli, Gianfabio Giorgioni, Giovanni F. Palmieri,
AAPS Pharm Sci Tech, 2(3) 1232-1236 (2010).

57) Therrnosensitive self-assembling block copolymers as drug delivery systems,
Giulia Bonacucina, Marco Cespi, Giovanna Mencarelli, Gianfabio Giorgioni, Giovanni F. Palmieri,
POLYMERS, 2011, *3*, 779-811

58) Dynamic mechanical thermal analysis ofhypromellose 2910 free films,
Marco Cespi, Giulia Bonacucina, Giovanna Mencarelli, Luca Casettari, Giovanni Filippo Palmieri,
EUR. J. PHARM. BIOPHARM., 79 (2011) 458-463

59) What Are parameters affccting Leu-enkephalin loading and release from poly(isobutylcyanoacrylate) nanoparticles coated with thiolated chitosan?,
S. Mazzaferro, K. Bouchemal, C. Vauthier, C. Gueutin, G.F. Palmieri, G. Panche!,
J. DRUG DEL. SCI. TECH., 21 (5) (2011) 385-393.

60) Poloxamer Thermogel Systems as Medium for Crystallization,
Marco Cespi, Giulia Bonacucina, Luca Casettari, Giovanna Mencarelli, Giovanni Filippo Palmieri,
PHARM. RES. 29(3) (2012) 818-826

61) Synthesis of novel4-aryl-1,2,3,4-tetrahydroisoquinolines as probes for Dopamine receptor ligands, ·
G. Giorgioni, D. Ambrosini, G.F. Palmieri, A. Di Stefano, C. Martini,
MED. CHEM. 8(4) (2012) 699-704

62). A study on the stability and enzymatic activity ofyeast alcohol dehydrogenase in presence of the self-assembling block copolyn1er poloxamer 407,
S. Pucciarelli, G. Bonacucina, F. Bemabucci, M. Cespi, G. Mencarelli, G.S. De Fronzo, P. Natalizi, G.F. Palmieri,
APPL. BIOCHEM. BIOTECH., 167(2) (2012) 298-313.

63) Characterization oftemary phase diagrams by means ofthetmal and rheological analyses,
Giulia Bonacucina, Marco Cespi, Giovanna Mencarelli, Giovanni Filippo Pahnieri,
Dmg Dev. Ind. Pharm., 39(10), 2013, 1547-1554

64) The use of acoustic spectroscopy in the characterisation oftemary phase diagrams,
Giulia Bonacucina, Marco Cespi, Giovanna Mencarelli, Luca Casellari, Giovanni Filippo Palmieri,
INT. J. PHARM., 441 (1-2), 2013,603-610.

65) Characterization of the interaction between chitosan and inorganic sodium phosphates by means of rheological and optical microscopy studies,
Luca Casettati, Marco Cespi, Giovarmi Filippo Palmieri, Giulia Bonacucina,
Carbohydrate Polymers 91(2), 2013, 597-602.

66) Rheological and thermo-mechanical propetiies of Sepifilm-Sepisperse water dispersions and films,
Marco Cespi, Giulia Bonacucina, Luca Casettari, Giovanni Filippo Palmieri,
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67) Effect oftemperature increase during the tableting ofphatn1aceutical materials,
Marco Cespi, Giulia Bonacucina, Luca Casettari, Giovanni Filippo Palmieri,
Int. J. Pharm., 448 (2013) 320- 326

68) Effect of phosphate buffer on the micellisation process of Poloxamer407: Microcalorimetry, acoustic spectroscopy and dynamic light scatteting (DLS) studies,
Diego Romano Perinelli, Marco Cespi, Stefania Pucciarelli, Luca Casettari,Giovanni Filippo Palmieri, Giulia Bonacucina,
Colloids and Surfaces A: Physicochem. Eng. Aspects 436 (2013) 123-129

69) Folic Acid Conjugated Chitosan Nanoparticles for Tumor Targeting ofTherapeutic and hnaging Agents,
Driton Vllasaliu, Luca Casettari, Giulia Bonacucina, Marco Cespi,
Giovanni Filippo Palmieri and Lisbeth Illum,
Pharmaceutical Nanotechnology, l, 2013, 184-203

70) Evaluation of methoxy polyethylene glycol- polylactide diblock copolymers as additive in hypromellose film coating,
Marco Cespi, Luca Casettari, Giulia Bonacucina, Gianfabio Giorgioni, Diego Romano Pennelli and Giovanni Filippo Palmieli,
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Marco Cespi, Luca Casettari, Giovanni Filippo Palmieli, Diego Romano Perinelli, Giulia Bonacucina,
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Marco Cespi, Giulia Bonacucina, Matthew Roberts, Samuel Hanson, Stephen Jones, Elina Makevica, Luca Casettari and Giovanni Filippo Palmieri,
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73) Evaluation ofP(L)LA-PEG-P(L)LA as processing aid for biodegradable pmticles from gas saturated solutions (PGSS) process,
D.R. Perinelli, G Bonacucina, M. Cespi, A. Naylor, M. Whitaker, GF. Pahnieri, G Giorgioni, L. Casettari,
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74) Quantification, Microbial Contatnination, Physìco-chemical Stability ofRepackaged Bevacizumab Stored Under Different Conditions,
Leonarda Signore!lo, Stefania Pucciarelli, Giulia Bonacucina, Valeria Polzonetti, Marco Cespi, Diego R. Perinelli, Giovanni F. Palmieri, Riccardo Pettinari, Claudio Pettinari,
Giovanni Fiorentini and Silvia Vincenzetti.
Current Pharmaceutical Biotechnology, 2014, 15, 113-119

75) Detennination of factors controlling the patiicle size and entrapment efficiency of Noscapine in PEG/PLA nanopmticles using mtificial neural networks.
Karim S. Sha1aby, Mahmoud E. Soliman, Luca Casettari, Giulia Bonacucina, Marco Cespi, Giovanni F Palmieri, Omaima A. Sammour, Abdelhameed A. El Shamy.
Int. J. Nanomedicine, 2014,9,4953-4964 http://dx.doi.org/10.2147/IJN.S68737

76) Evaluation of thetmosensitive poloxamer 407 gel systems for the sustained release of estradiol in a fish model,
Marco Cespi, Giulia Bonacucina, Stefania Pucciarelli, Paolo Cocci, Diego Romano Perinelli, Luca Casettari, Lisbeth Illum, Giovanni Filippo Palmieri, Francesco Alessandro Palermo and Gilberto Mosconi
Eur. J. Pharm. Biopharm., 2014,88,954-961. DOI 10.1016/j.ejpb.2014.08.008

77) Use of in die powder densification parameters in the intplementation ofProcess Analytical Technologies (PAT) for tablet production,
Marco Cespi, Diego R. Perinelli, Luca Casettari, Giulia Bonacucina, Giuseppe Caporicci, Filippo Rendina and Giovanni F. Pahnieri

Int. J. Pharm.; 2014,477, 140-147. DO! 10.1016/j.ijpharm.2014.10.009

78) Could albumin affect the self-assembling properties of a block co-polymer system and dmg release? An in-vitro study
Diego R. Perinelli, Giulia Bonacucina, Stefania Pucciarelli, Marco Cespi, Luca Casettari, Valeria Polzonetti, Francesco Mattino Catpi, Giovanni F. Palmieri
Pharm. Res., 2015, 32(3), 1094-1104 DO!: 10.1007/s11095-014-1521-1

79) Dextran and its potential use as tablet excipient,
Luca Casettari, Giulia Bonacucina, GordonA. Morris, Diego R. Perinelli, Paolo Lucaioli, Marco Cespi and Giovanni Filippo Palmieri,
Powder Technology, 2015, 173, 125-132 DO! 10.1016/j.powtec.2014.12.030

80) Oleanolic Acid Loaded PEGylated PLA and PLGA Nanopatticles with Enhanced Cytotoxic Activity against Cancer Cells,
Dede K. W. Man, Luca Casettmi, Marco Cespi, Giulia Bonacucina, Giovanni Filippo Palmieri, Stephen C. W. Sze, George P. H. Leung, Jenny K. W. Lam, and Philip C. L. Kwok,
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31) Evaluation of microgranulation ofLactobacillus rhamnosus IMC 501® and Lactobacillus paracasei !MC 502® with vegetable fats as an approach to prolonging viability during storage
C. Cecchini, M.C. Verdenelli, G.F. Palmieri, S. Silvi,
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M. Cespi, G Bonacucina, L. Casettari, E. Castagnino, GF. Pahnieli,
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33) Analisi dell'influenza della temperatura durante il processo di compressione,
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34) Caratterizzazione reologica di dispersioni acquose di Soluplus,
Marco Cespi, Giulia Bonacucina, Diego Romano Perinelli, Luca Casettari, Giovanni Filippo Palmieri,
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35) Use of block copolymers to produce biodegradable particles from gas saturated solution (PGSS) process,
Diego Romano Perinelli, Luca Casettari, Marco Cespi, Giulia Bonacucina, Andew Naylor, Steven Howdle, Giovanni Filippo Palmieri,
3'd Conference on Innovation in Dmg Delivery: Advances in Local Dmg Delivery,
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36) Effect ofBSA on Methotrexate release from poloxamer 407 hydrogel,
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37) Biodegradable scaffolds of Chitosan and PEGylatcd polyesters
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Contratti di ricerca con industrie farmaceutiche

2006
- Company: Angelini. Formulation of a theJmogelling vagina! lavage. Duration: 12 months. Amount: 20.000 euro.
- Company: Serono. Effect of hydroxipropyl P-cyclodextrin in thermoresponsive systems containing interferon for parenteral administration. Duration: 6 months. Amount: 25.000 euro.

2007
- Company: Zambon. Formulation of tablets containing Gabapentin. Duration: 6 months. Amount: 15.000 euro.
- Company: Ronchi. Implementation of rotary tablet machines with LVDT transducers for punch displacement monitoring. Duration: 12 months. Amount: 15.000 euro.
- Company: Glaxo&Smithkline. Study of the rheological and compression characteristics of new molecules before and aftcr their granulation with excipients. Duration: 12 months. Amount: 25.000 euro.

2008
- Company: Alfa Wassermann. Characterization of an "in situ" gelling system for proteins controlled delivery. Duration: 12 months. Amount: 25.000 euro.
- Company: Glaxo&Smithkline. Study of the rheological and compression characteristics of new molecules before and after their granulation with excipients. Duration: 12 months. Amount: 25.000 euro.
- Company: Ronchi. Implementation of rotary tablets machines with LVDT transducers for pnnch displacement monitoring. Duration 12 months. Amount: 10.000 euro.

2009
- Company: Alfa Wassennann. Characterization of an "in situ" gelling system for proteins controlled delivery. Duration: 12 months. Amount: 30.000 euro.
- Company: Ronchi. Implementation of rotmy tablets machines for monitoring the temperature of tablets when they are going to be ejected, and for controlling temperature and relative humidity inside the tablet machine. Duration: 12 months. Amount: 10.000 euro.
- Company: Angelini. Formulation of thermogelling and mucoadhesive eye drops. Duration: 12 months. Amount: 20.000 euro.
- Company: Janssen. Characterization of the compression behaviour of some granulates of interest. Duratim1: 12 months. Amount: 25.000 euro.

2010
- Company: Angelini. Formulation of thermogelling and mucoadhesive eye drops. Duration: 12 months. Amount: 20.000 euro.

• Company: **Janssen.** Characterization of the compresswn aptitude of some granulates of interest. Duration 12 months. Amount: **20.000 euro.**
• Company: **SigmaTau:** Formnlation of idrodispersible tablets for the treatment of malaria. Duration: 12 months. Amount: **20.000 euro.**

2011
• Company: **Janssen.** Imp1ementation of the Hecke1 p1ots in Quality by Design. Duration: 12 months. Amount: **30.000 euro.**
• Company: **Dompé.** Formu1ation of two different types of tablets: the first one containing the drug substance "1681" and the second one containing the drug substance "2156A". Duration: 6 months. Amount: **20.000 euro.**

2012
• Company: **Chiesi.** Physico-chemical characterisation of surfactants for pulmonary administration. Duration. 12 months. Amount: **30.000 euro.**
• Company: **Jannsen.** Imp1ementation of the Hecke1 p1ots in Qua1ity by Design. Duration: 12 months. Amount: **15.000 euro.**

2013
• Company: **Chiesi.** Physico-chemical characteristics and siringeability changes under storage of a surfactant formulation for pulmonary administration. Duration12 months. Amount: **35.000 euro.**

2014
• Company: **S4BT.** Synthesis and physico-chemical characterisation of b1ock copolymers. Duration 12 months. Amount: **20.000 euro**

ALLEGATI

Nessuno