European **Curriculum Vitae** Format



Personal information

First name(s) / Surname(s) ALICE MELOCCHI Address(es) Nationality Italian Date of birth

Gender

DALMINE, BERGAMO, ITALY

23 October 1986

Female

Working experience

Dates Since August 1, 2016 Title of qualification awarded Post-doctoral fellow Principal subjects/occupational skills Extrusion and molding processes for the manufacturing of pharmaceutical dosage forms Advisor: Dr. Lucia Zema covered Pharmaceutical Technology & Regulatory Affairs "M. E. Sangalli" Unit, Department of Pharmaceutical Name and type of organisation Sciences, School of Pharmacy, University of Milan (Italy) providing education and training Since June 1, 2015 Dates Post-doctoral fellow Title of qualification awarded Principal subjects/occupational skills Development of drug delivery systems in the form of capsular devices manufactured by injection molding, also exploiting 3D printing by fused deposition modeling as a rapid prototyping tool covered Advisor: Prof. Andrea Gazzaniga Name and type of organisation Pharmaceutical Technology & Regulatory Affairs "M. E. Sangalli" Unit, Department of Pharmaceutical providing education and training Sciences, School of Pharmacy, University of Milan (Italy) December 15, 2014 - May 31, 2015 Dates Title of qualification awarded Post-doctoral fellow for the Interuniversitary Consortium "Tefarco Innova" Principal subjects/occupational skills Project title: "Preparation of dosage forms by injection molding" covered Advisor: Prof. Andrea Gazzaniga Name and type of organisation Pharmaceutical Technology & Regulatory Affairs "M. E. Sangalli" Unit, Department of Pharmaceutical providing education and training Sciences, School of Pharmacy, University of Milan (Italy) Since April, 2016 Dates CTO (Chief Technology Officer) and then CSO (Chief Scientific Officer) of Multiply Labs Inc. (also Title of qualification awarded known as PharmaCube Inc., https://multiplylabs.com/) Startup focused on the manufacturing of personalized supplements in the form of capsular devices by Principal subjects/occupational skills means of 3D printing by fused deposition modeling covered Attendance to

Summer 2016 batch of Y Combinator with Multiply Labs Inc., (also known as PharmaCube Inc.)

Education and training

Dates	November 2011 - January 2015
Title of qualification awarded	Ph.D.
Principal subjects/occupational skills covered	Project title: "Injection Molding/Micromolding applications to drug delivery" Advisor: Lucia Zema, Ph.D.
Name and type of organisation providing education and training	Pharmaceutical Technology & Regulatory Affairs "M. E. Sangalli" Unit, Department of Pharmaceutical Sciences, School of Pharmacy, University of Milan (Italy)
Dates	October 1, 2013 - June 30, 2014
Title of qualification awarded	Ph.D. Visiting Student
Principal subjects/occupational skills covered	Formulation/Production of immediate release tablets (core) and their coating by means of injection molding technique
Name and type of organisation providing education and training	Novartis-MIT Center for continuous manufacturing, Department of Chemical Engineering, Massachusetts Institute of Technology (Cambridge, US-MA) Advisor: Prof. Bernhardt L. Trout
Dates	January 1, 2012 - December 31, 2012
Title of qualification awarded	Research activity for the Interuniversitary Consortium "Tefarco Innova"
Principal subjects/occupational skills covered	Development of capsules to be used in dry powder inhalers by means of injection molding technique
Name and type of organisation providing education and training	Pharmaceutical Technology & Regulatory Affairs "M. E. Sangalli" Unit, Department of Pharmaceutical Sciences, School of Pharmacy, University of Milan (Italy)
Dates	December 2011
Title of qualification awarded	Pharmacy practice qualification
Name and type of organisation providing education and training	University of Milan (Italy)
Dates	July 2011
Title of qualification awarded	Pharm. D. in Pharmacy (110/110 <i>cum laude</i>)
Principal subjects/occupational skills covered	Graduation with an experimental thesis entitled: "Functional container with pH dependent solubility manufactured by injection molding" Advisor: Prof. Andrea Gazzaniga
Name and type of organisation providing education and training	Pharmaceutical Technology & Regulatory Affairs "M. E. Sangalli" Unit, Department of Pharmaceutical Sciences, School of Pharmacy, University of Milan (Italy)
Dates	November 2009 - February 2010
Title of qualification awarded	Professional training period
Name and type of organisation providing education and training	Public Pharmacy at A. O. Ospedali Riuniti di Bergamo, Bergamo (Italy)
Dates	August - November 2009
Title of qualification awarded	Professional training period
Name and type of organisation providing education and training	Hospital Pharmacy at A.O. Ospedali Riuniti di Bergamo, Bergamo (Italy)
Dates	July 2005
Title of qualification awarded	High school diploma (98/100)
Name and type of organisation providing education and training	Liceo Classico Paolo Sarpi, Bergamo (Italy)

Dates November 2000

Title of qualification awarded Conservatory diplomas in: music theory and solfeggio / complementary piano for strings (violin)

Name and type of organisation providing education and training

Music academy Gaetano Donizetti, Bergamo (Italy)

IFPAC® 2019, North Bethesda, US-MD

IFPAC® Scientific committee of the meeting

Other courses

Dates March 3-6, 2019

Title of qualification awarded Name and type of organisation providing education and training

Dates

Dates

Dates

Title of qualification awarded Name and type of organisation providing education and training October 18-20, 2018 IT-CRS Workshop on Advances in Drug Delivery and Biomaterials: facts and vision, Padova IT-CRS (Controlled Release Society Italian Chapter)

1st conference SCI (Società Chimica Italiana) - Divisione di Tecnologia Farmaceutica, Como

SCI (Società Chimica Italiana) - Divisione di Tecnologia Farmaceutica

September 28, 2018

Title of qualification awarded Name and type of organisation providing education and training

45th CRS Annual Meeting, New York

CRS (Controlled Release Society)

Title of qualification awarded Name and type of organisation providing education and training September 25-27, 2018 Ph. D. School for doctorate in pharmaceutical technology "Innovation in local drug delivery", Como SCI (Società Chimica Italiana) - Divisione di Tecnologia Farmaceutica e ADRITELF (Association of Italian pharmaceutical scientists from academia)

Dates July 22-24, 2018

Title of qualification awarded Name and type of organisation providing education and training

Dates June

Title of qualification awarded Name and type of organisation providing education and training June 6 - 8, 2018 58th AFI Meeting, Rimini AFI (Association of Italian pharmaceutical scientists)

Dates March 19-22, 2018

Title of qualification awarded Name and type of organisation providing education and training 11th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Granada apGI (International Society of Drug delivery science and Technology), APV (The International Association for Pharmaceutical Technology) and ADRITELF (Association of Italian pharmaceutical scientists from academia)

Dates October 26 - 28, 2017

Title of qualification awarded Name and type of organisation providing education and training

IT-CRS Workshop on Macromolecules in drug delivery, Fisciano IT-CRS (Controlled Release Society Italian Chapter)

Dates June 7 - 9, 2017

Title of qualification awarded Name and type of organisation providing education and training

57th AFI Meeting, Rimini

AFI (Association of Italian pharmaceutical scientists)

Dates May 30 - 31, 2017

Title of qualification awarded	APV workshop 2D and 3D Printing a new Trend in Pharmaceutical Manufacturing: Hype or Future? Berlin
Name and type of organisation providing education and training	APV (The International Association for Pharmaceutical Technology)
Dates	April 2 - 5, 2017
Title of qualification awarded	2 nd European conference on pharmaceutics: drug delivery, Krakow
Name and type of organisation providing education and training	apGI (International Society of Drug delivery science and Technology), APV (The International Association for Pharmaceutical Technology) and ADRITELF (Association of Italian pharmaceutical

Dates November 29 - 30, 2016

scientists from academia)

Title of qualification awarded Name and type of organisation providing education and training MITO - Milano-Torino 2016, A journey through liposomes and polysaccharides AFI (Association of Italian pharmaceutical scientists), ADRITELF (Association of Italian pharmaceutical scientists from academia)

IT-CRS Workshop on Pharmaceutical Innovations: academia meets industry, Milano

November 3 - 4, 2016 Dates

Title of qualification awarded Name and type of organisation providing education and training

July 16 - 19, 2016 Dates

Title of qualification awarded Name and type of organisation providing education and training

> Dates May 5 - 7, 2016

Title of qualification awarded Name and type of organisation providing education and training

10th A.It.U.N Meeting, Parma A.It.U.N.(AAPS Italian University Network) Meeting

IT-CRS (Controlled Release Society Italian Chapter)

43rd CRS Annual meeting, Seattle

CRS (Controlled Release Society)

Dates April 4 - 7, 2016

Title of qualification awarded Name and type of organisation providing education and training 10th World meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Glasgow apGI (International Society of Drug delivery science and Technology), APV (The International Association for Pharmaceutical Technology) and ADRITELF (Association of Italian pharmaceutical scientists from academia)

July 26 - 29, 2015 Dates

Title of qualification awarded

Name and type of organisation providing education and training

Dates

Title of gualification awarded Name and type of organisation providing education and training June 10 - 12, 2015 55th AFI Meeting, Rimini AFI (Association of Italian pharmaceutical scientists)

42nd CRS Annual meeting, Edinburgh

CRS (Controlled Release Society)

Dates

Title of qualification awarded Name and type of organisation providing education and training

May 25 - 27, 2015

9th A.It.U.N Meeting, Milan A.It.U.N.(AAPS Italian University Network) Meeting

Dates	May 20 - 22, 2015
Title of qualification awarded	4th International Symposium "Frontiers in Polymer Science", Riva del Garda
Name and type of organisation	Elsevier
providing education and training	
Dates	April 12 - 14, 2015
Title of qualification awarded	1 st European conference on pharmaceutics: drug delivery, Reims
Name and type of organisation	apGI (International Society of Drug delivery science and Technology), APV (The International
providing education and training	Association for Pharmaceutical Technology) and ADRITELF (Association of Italian pharmaceutical scientists from academia)
Dates	November 6 - 8, 2014
Title of qualification awarded	IT-CRS Workshop on Nanomedicine: pharmacokinetic challenges, targeting strategies and clinical outcomes, Firenze
Name and type of organisation providing education and training	IT-CRS (Controlled Release Society Italian Chapter)
Dates	March 31 - April 3, 2014
Title of qualification awarded	9th World meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical technology, Lisbon,
Name and type of organisation providing education and training	apGI (International Society of Drug delivery science and Technology), APV (The International Association for Pharmaceutical Technology) and ADRITELF (Association of Italian pharmaceutical scientists from academia)
Dates	June 12 - 14, 2013
Title of qualification awarded	53 rd AFI Meeting, Rimini
Name and type of organisation	AFI (Association of Italian pharmaceutical scientists)
providing education and training	
Dates	September 13 - 16, 2012
Title of qualification awarded	22 nd ADRITELF Meeting, Firenze
Name and type of organisation	ADRITELF (Association of Italian pharmaceutical scientists from academia)
providing education and training	(· · · · · · · · · · · · · · · · · · ·
Dates	September 13, 2012
Title of qualification awarded	Workshop: GLP/GMP applications, Firenze
Name and type of organisation providing education and training	ADRITELF (Association of Italian pharmaceutical scientists from academia)
Dates	September 10 - 12, 2012
Title of qualification awarded	Biothecnological drugs – XII Scuola Nazionale Dottorale per la formazione Avanzata in Discipline
nuo or quannoadori anaraoa	Tecnologico-Farmaceutiche, Firenze
Name and type of organisation providing education and training	Ph.D. School in Industrial Pharmacy
Dates	June 4 - 5, 2012
Title of qualification awarded	Workshop on Regulatory and economic aspects of biotechnological drugs, speakers: A Corsini
	(University of Milan), P. Minghetti (University of Milan), G. Tabusso (consultant), G. Torri (Ronzoni Insitute of Chemical and Biochemical Research, Milan) and A. Wertheimer (School of Pharmacy, Temple University)
Name and type of organisation providing education and training	Ph.D. School, Department of Pharmaceutical Sciences, University of Milan
Dates	May 30-31 and June 1, 2012

52nd AFI Meeting, Rimini

Name and type of organisation providing education and training

Title of gualification awarded

AFI (Association of Italian pharmaceutical scientists)

March 8 - 9, 2012

Dates

Dates

Dates

Title of qualification awarded Name and type of organisation providing education and training 6th A.It.U.N. Meeting, Take a breath and inhale the medicine, Parma A.It.U.N.(AAPS Italian University Network) Meeting

January 9, 2012

Title of qualification awarded Name and type of organisation

providing education training

L'industria farmaceutica in Italia: valore per la sanità, l'economia e l'occupazione Department of Pharmaceutical Sciences, University of Milan

Dates November 8 - 12, 2011

Title of qualification awarded Name and type of organisation providing education and training 3rd International Congress on Biohydrogels, Firenze Interuniversity research centre for advanced medical systems

September 22, 2011

Harke Pharma

1st Harke Pharma Workshop

Title of gualification awarded Name and type of organisation providing education and training

> Dates March 30, 2011

Title of qualification awarded Name and type of organisation providing education and training

Training on QPAT-ORBIT database Department of Pharmaceutical Sciences, University of Milan

Department of Pharmaceutical Sciences, University of Milan

Department of Pharmaceutical Sciences, University of Milan

Pelletisation: an old/new emerging technology?

Dates February 17, 2011

Title of gualification awarded Name and type of organisation providing education and training

> Dates November 2, 2010

> > Advanced Drug Delivery Systems

Title of qualification awarded Name and type of organisation providing education and training

July 14, 2010

Title of qualification awarded Name and type of organisation providing education and training Hot Melt Extrusion: from basics to recent applications Department of Pharmaceutical Sciences, University of Milan

Awards

Dates

Type of qualification awarded

Name and type of organisation providing the award

Type of qualification awarded

A. Melocchi, One of the 10 female founders to keep an eye on in 2019 (http://shetechitaly.org/2019/03/08/10-female-founders-2019/) Sheech Italy (http://shetechitaly.org/)

A. Melocchi, One of the 50 most inspiring women in technology in Italy (https://italy.inspiringfifty.org/alice-melocchi).

Name and type of organisation providing the award	Judges selected from Inspiring 50 Italy (https://italy.inspiringfifty.org/judges)
Type of qualification awarded	A. Melocchi, Travel Grant to take part at the 44 th CRS Annual meeting, New York, 20-22 July 2018;
Name and type of organisation providing the award	Controlled Release Society Italian Chapter
Type of qualification awarded	Best poster, IT-CRS Workshop on Macromolecules in drug delivery, Fisciano, October 26 - 28, 2017 A. Melocchi, F. Parietti, A. Maroni, L. Zema, A. Gazzaniga, Single- and multi-compartment capsules for delivery of nutraceuticals
Name and type of organisation providing the award	Scientific committee of the meeting
Type of qualification awarded	Graduate research advances in delivery science award, 2016 CRS Annual meeting, Seattle, July 16 - 19, 2016
Name and type of organisation providing the award	Scientific committee of the meeting
Type of qualification awarded	Best paper published in 2015 on J. Drug Deliv. Sci. Technol., A. Melocchi, F. Parietti, G. Loreti, A. Maroni, A. Gazzaniga, L. Zema, 3D Printing by fused deposition modeling (FDM) of a swellable/erodible capsular device for oral pulsatile release of drugs, J. Drug Deliv. Sci. Technol., 30 Part B: 360-367, 2015
Name and type of organisation providing the award	Editorial board of the Journal
Type of qualification awarded	Best poster, IT-CRS Workshop on Nanomedicine: pharmacokinetic challenges, targeting strategies and clinical outcomes, Firenze, November 6 -8, 2014 A. Melocchi, F. Parietti, G. Loreti, A. Maroni, L. Zema, A. Gazzaniga, 3D-printing: application potential for the manufacturing of drug delivery systems in the form of capsular devices
Name and type of organisation providing the award	Scientific committee of the meeting
Type of qualification awarded	Best poster in Industrial Pharmacy award, 52 nd AFI Meeting, Rimini, May 30 - 31and June 1, 2012 G. Loreti, A. Melocchi, E. Macchi, A. Maroni, A. Gazzaniga, L. Zema, Contenitori capsulari gastroresistenti realizzati mediante injection molding
Name and type of organisation providing the award	Scientific committee of the meeting
Type of qualification awarded	"Aldo La Manna" Graduate student award 2012
Name and type of organisation providing the award	ADRITELF (Association of Italian pharmaceutical scientists from academia)
Patents	
	F. Parietti, <u>A. Melocchi</u> , L. Zema, A. Gazzaniga, Multi-compartment capsule, US 2018/0015044 A1, non-provisional patent, status: pending.
	F. Parietti, K. C. Chan, Z. Bright, J. A. Curhan, <u>A. Melocchi</u> , Dispensing system, US 9,845,167 B1, non-provisional patent, status: approved.
Publications	<u>A. Melocchi</u> , N. Inverardi, M. Uboldi, F. Baldi, A. Maroni, S. Pandini, F. Briatico-Vangosa, L. Zema, A.
	Gazzaniga, Retentive device for intravesical drug delivery based on water-induced shape memory response of poly(vinyl alcohol): design concept and 4D printing feasibility, Int. J. Pharm., 559: 299 - 311, 2019.

	M. Cerea, A. Maroni, L. Palugan, M. Bellini, A. Foppoli, <u>A. Melocchi</u> , L. Zema, A. Gazzaniga, Novel hydrophilic matrix system with non-uniform drug distribution for zero-order release kinetics, J. Control. Release, 287: 247 - 256, 2018.
	F. Casati, F. Briatico-Vangosa, F.Baldi, <u>A. Melocchi</u> , A. Maroni, A. Gazzaniga, L. Zema, Assessment of hot-processability and performance of ethylcellulose-based materials for injection-molded prolonged-release systems: an investigational approach, Int. J. Pharm., 548: 400 - 407, 2018.
	<u>A. Melocchi</u> , F. Parietti, S. Maccagnan, M. A. Ortenzi, A. Antenucci, F. Briatico-Vangosa, A. Maroni, A. Gazzaniga, L. Zema, Industrial development of a 3D printed nutraceutical delivery platform in the form of a multicompartment HPC capsule, AAPS PharmSciTech., 19: 3343 - 33542018.
	A. Maroni, <u>A. Melocchi</u> , F. Parietti, A. Foppoli, L. Zema, A. Gazzaniga, 3D printed multi compartment capsular devices for two-pulse oral drug delivery, J. Control. Release, 268: 10 - 18, 2017.
	L. Zema, <u>A. Melocchi</u> , A. Maroni, A. Gazzaniga, 3D printing of medicinal products and the challenge of personalized medicine therapy, J. Pharm. Sci., 106: 1697 - 1705, 2017.
	F. Baldi, J. Ragnoli, D. Zinesi, F. Bignotti, F. Briatico-Vangosa, F. Casati, G. Loreti, <u>A. Melocchi</u> , L. Zema, Rheological characterization of ethylcellulose-based melts for pharmaceutical applications, AAPS Pharm. Sci. Tech., 18: 855 - 866, 2017.
	<u>A. Melocchi</u> , F. Parietti, A. Maroni, A. Foppoli, A. Gazzaniga, L. Zema, Hot-melt extruded filaments based on pharma-grade polymers for 3D printing by Fused Deposition Modeling, Int. J. Pharm., 509 : 255 - 263, 2016.
	A. Maroni, M. D. Del Curto, S. Salmaso, L. Zema, <u>A. Melocchi</u> , P. Caliceti, A. Gazzaniga, In Vitro and In Vivo Evaluation of an Oral Multiple-Unit Formulation for Colonic Delivery of Insulin, Eur. J. Pharm. Biopharm., 108: 76 - 82, 2016.
	<u>A. Melocchi</u> , F. Parietti, G. Loreti, A. Maroni, A. Gazzaniga, L. Zema, 3D Printing by fused deposition modeling (FDM) of a swellable/erodible capsular device for oral pulsatile release of drugs, J. Drug Deliv. Sci. Technol., 30 Part B: 360 - 367, 2015.
	<u>A. Melocchi</u> , G. Loreti, M.D. Del Curto, A. Maroni, A. Gazzaniga, L. Zema, Evaluation of hot melt extrusion and injection molding for the continuous manufacturing of immediate release tablets, J. Pharm. Sci., 104: 1971 - 1980, 2015.
	G. Loreti, A. Maroni, M. D. Del Curto, <u>A. Melocchi</u> , A. Gazzaniga, L. Zema, Evaluation of hot-melt extrusion technique in the preparation of HPC matrices for prolonged release, Eur. J. Pharm. Sci., 52: 77 - 85, 2014.
	L. Zema, G. Loreti, <u>A. Melocchi</u> , A. Maroni, L. Palugan, A. Gazzaniga, Gastroresistant capsular device prepared by injection molding, Int. J. Pharm., 440: 264 - 272, 2013.
	L. Zema, G. Loreti, <u>A. Melocchi</u> , A. Maroni, A. Gazzaniga, Injection molding and its application to drug delivery, J. Control. Release, 159: 324 - 331, 2012.
Oral communications	
	<u>A. Melocchi,</u> F. Parietti, High-throughput robotic manufacturing technologies for small-batch production of 3D printed, multi-compartment capsular drug delivery systems, IFPAC [®] 2019, North Bethesda, March 3 - 6, 2019 (invited speaker)
	<u>A. Melocchi, Lecturer for the course "3D printing of dosage forms, drug delivery systems and dietary supplements", Milan, March 12-13, 2018 (invited speaker)</u>
	<u>A. Melocchi</u> , Application of fused deposition modeling (FDM) to the manufacturing of drug products, JRS Headquarter, Rosenberg, October 11, 2017 (invited speaker)
	<u>A. Melocchi</u> , Evaluation of starch derivatives (Explotab [®]) for the continuous manufacturing of immediate release tablets by hot melt extrusion and injection molding, JRS Headquarter, Rosenberg, October 11, 2017 (invited speaker)
	<u>A. Melocchi, L. Zema, A. Gazzaniga, Sviluppo di contentiori capsulari per la somministrazione di farmaci e/o integratori alimentari realizzati mediante fused deposition modeling (FDM), 57th AFI Meeting, Rimini, June 7 - 10, 2017 (invited speaker)</u>
	<u>A. Melocchi,</u> L. Zema, A. Gazzaniga, Application of fused deposition modeling (FDM) to the manufacturing of drug products, APV workshop 2D and 3D Printing a new Trend in Pharmaceutical Manufacturing: Hype or Future? Berlin May 30 - 31, 2017 (invited speaker)

	<u>A. Melocchi, L. Zema, Application of injection molding and 3D printing by fused deposition modeling to the manufacturing of drug products, IT-CRS Workshop on pharmaceutical innovations: academia meets industry, Milano, November 3 - 4, 2016, (invited speaker)</u>
	<u>A. Melocchi.</u> F. Parietti, A. Maroni, F. Casati, S. Moutaharrik, A. Gazzaniga, L. Zema, Development of injection-molded capsular devices for pulsatile and colonic delivery through the application of fused deposition modeling (FDM) 3D printing, 43 rd CRS Annual meeting, Seattle, July 16 - 19, 2016 (selected speaker)
	<u>A. Melocchi</u> , L. Zema, A. Gazzaniga, Pharmaceutical application of 3D printing by fused deposition modeling, 10 th A.It.U.N. Meeting, Parma, May 5-6, 2016 (invited speaker)
	<u>A. Melocchi</u> , F. Parietti, A. Maroni, A. Gazzaniga, L. Zema, Hot-melt extruded filaments based on pharma-grade polymers for 3D printing by fused deposition modeling, 10 th World meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Glasgow, April 4 - 7, 2016 (selected speaker)
	<u>A. Melocchi</u> , L. Zema, Pharmaceutical polymers for the manufacturing of a capsular delivery platform by injection molding, Evonik Workshop: targeted drug delivery with Eudragit [®] , Milan, October 28-29, 2015 (invited speaker)
	<u>A. Melocchi</u> , Oral pulsatile delivery systems based on functional polymeric barriers: from coated units to capsular devices obtained by injection molding and 3D printing, 55 th AFI Meeting, Rimini, June 10 - 12, 2015 (invited speaker)
	<u>A. Melocchi</u> , Evaluation of starch derivatives (Explotab [®]) for the continuous manufacturing of immediate release tablets by hot melt extrusion and injection molding, JRS Customer seminar Italy/Switzerland, Milan, September 10 - 11, 2014 (invited speaker)
	A. Melocchi, L. Zema, G. Loreti, A. Maroni, L. Palugan, A. Gazzaniga, Evaluation of injection molding for the manufacturing of immediate release tablets, invited speaker, 9 th World meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Lisbon, March 31 - April 3, 2014 (selected speaker)
	<u>A. Melocchi</u> , L. Zema, A. Gazzaniga, Contenitori capsulari gastroresistenti realizzati mediante injection molding, Biothecnological drugs, XII Scuola Nazionale Dottorale per la formazione Avanzata in Discipline Tecnologico-Farmaceutiche, Firenze, September 10 - 12, 2012 (selected speaker)
Personal skills and competences	
Mother tongue(s)	Italian
Other language(s) Reading skills	English Excellent
Writing skills	Good
Verbal skills	Good
Social skills and competences	Ability to work in a team earned by working as a component of research groups at the University of Milan and particularly enhanced during the time spent in the MIT international structure. Communication skills earned during the training period passed both in the public and hospital pharmacy.
Organisational skills and competences	Ability to supervise the research activities of undergraduate students earned during the two years of Ph.D.

Technical skills and competences	 Specialised knowledge of: Coating process of oral solid dosage forms (fluid bed and pan equipment) Granulation and pelletisation techniques Hot and wet extrusion processes Injection molding 3D printing by fused deposition modeling Tableting Technological / Analytical techniques (<i>e.g.</i> HPLC, DSC, TGA, BET, coulter counter, SEM and optical microscope, X-ray, dissolution and disintegrating tests).
Computer skills and competences	MS Office package and medical databases (e.g. Pubmed, Embase, QPAT-ORBIT)
Artistic skills and competences	Has been playing violin since the age of 6 years old both solo and in orchestra
Other skills and competences	Has been practising different sports alone and in team (swimming, volleyball and climbing).
Driving licence	Car driving licence

Milan, April 7, 2019

Alice Ulelouh: