

PERSONAL INFORMATION

Nome Lucia Zema
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 Nazionalità Italiana
 Data di nascita 8 aprile 1969



POSITION Associate Professor, Academic discipline CHIM/09 - Pharmaceutical and Technological Applications.
 Main duties and responsibilities: teaching, dissemination and research in the technological-pharmaceutical field.

WORK EXPERIENCE

1998-2018 Ricercatore universitario (Settore scientifico disciplinare CHIM/09 - Farmaceutico Tecnologico Applicativo)
 Research Fellow, Academic discipline CHIM/09, at DISFARM, Università degli Studi di Milano

EDUCATION AND TRAINING

1999 Dottore di Ricerca in Chimica del Farmaco conseguito presso l'Università degli Studi di Milano.
 Ph.D. in Pharmaceutics, Università degli Studi di Milano.
 1995 Master degree in Pharmaceutical Chemistry and Technology, Università degli Studi di Milano.
 Abilitazione all'esercizio della professione di Farmacista, conseguita presso l'Università degli Studi di Milano (275/280)
 1988 Scientific high-school diploma, Liceo scientifico statale "Paolo Giovio", Como.

PERSONAL SKILLS

From training and work experience I develop skills related to:

- . design, production and characterization of single-unit (e.g. tablets; extruded, molded or printed units; capsules) and multiple-unit (e.g. granulates, pellets) dosage form; application of design of experiments;
- . drafting, participation and responsibility of research projects;
- . drafting of scientific publications, both experimental and compendial, and patents;
- . participation in editorial committees and referee activity for international scientific journals;
- . coordination of the activities of undergraduates, PhD students and research fellows;
- . organization and participation as a speaker at national and international conferences and seminars;
- . participation in the activity of start-up as scientific advisor;
- . teaching and training activities for undergraduate, post-graduate and PhD students;
- . participation in elective governing bodies (e.g. academic senate).

Mother tongue Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Listening	
English	Advanced	Advanced	Intermediate	Advanced	Intermediate

Competenze digitali

PERSONAL EVALUATION

Information processing	Communication	Content creation	Safety	Problem solving
Intermediate	Intermediate	Advanced	Basic	Basic

Driving licence B

ADDITIONAL INFORMATION

- Publications** Co-author of about 70 publications including journal articles, book chapters and patents, and of more than 100 conference communications.
- Research activity** Oral matrices for prolonged release; technology platforms for administration and release of active molecules (prolonged/delayed and site-specific release); innovative technologies applied to the manufacturing of drug delivery systems: pelletization, powder layering, dry coating, extrusion, injection molding and 3D printing by fused deposition modeling.
- Editorial activity** Member of the Editorial Advisory Board of Journal of Pharmaceutical Sciences (Elsevier, Amsterdam, NL).
Invited co-author of "Principi di Tecnologia Farmaceutica, 2° Edizione" (744 pages), P. Colombo et al. Editors, Casa Editrice Ambrosiana (Zanichelli), Rozzano, 2015, ISBN 978-8808-18672-0.
Invited co-author of "Encyclopedia of Pharmaceutical Science and Technology, Fourth Edition" (6 volumes, 4296 pages), J. Swarbrick Ed., CRC Press, Taylor & Francis Group, New York, US-NY, 2013, ISBN 9781841848198.
- Academic duties** Member of the teaching committee of the Ph.D. programme in Pharmaceutical Sciences.
Member of the examination board of public competition for admission to Ph.D. programme in Pharmaceutical Sciences.
- Honours and awards** Award winner as the co-author of conference communications and journal articles.

ANNEXES

List of recent publications (source: Scopus):

<http://www.scopus.com/inward/authorDetails.url?authorID=6603348573&partnerID=MN8TOARS>

- Personal information** Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 (Codice in materia di protezione dei dati personali) e sue successive modifiche e integrazioni, nonché del Regolamento UE 679/2016 (Regolamento Generale sulla Protezione dei dati o, più brevemente, RGPD).

Milan, June 20th 2019