

A .It.U.N. MEETING

12th



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
DEPARTMENT OF PHARMACY AND BIOTECHNOLOGIES

10-11

May

2018

Aula Prodi,
San Giovanni
in Monte,
Bologna

Medicines for older people: advances in drug delivery

Artwork by Anna Vasileiou

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Medicines for older people: advances in drug delivery

May 10-11, 2018

Aula “Giorgio Prodi”, piazza San Giovanni in Monte 2

Bologna, Italy

Scientific committee

Serena Bertoni	University of Bologna
Laura Tiozzo Fasiolo	University of Parma
Greta Adorni	University of Parma
Karthik Neduri	University of Genova
Gaetano Lopopolo	University of Perugia

Faculty Advisor

Nadia Passerini	University of Bologna
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Local organizing committee

Serena Bertoni
Beatrice Albertini
Luisa Stella Dolci
Barbara Giordani
Angela Abruzzo
Thomas Themelis

Thursday, May 10th, 2018

12:00- 14:00 Registration

14:00- 14:15 **Opening session**

Serena Bertoni, A.It.U.N. Chair, University of Bologna

Nadia Passerini, A.It.U.N. Faculty advisor, University of Bologna

Santi Mario Spampinato, Head of Department of Pharmacy and Biotechnology, University of Bologna

Session I: The older patient population: characteristics & needs

Chairs: to be defined

14:15-15:15 **Are patients the better healthcare professionals? Following through the drug therapy from a patient perspective**

Sven Stegemann, Capsugel and Graz University of Technology, Austria

15:15-15:45 **Geriatric pharmacology: a clinical approach**

Fabrizio Imola, Operative Units "Geriatrics Calogero f.f", S. Orsola Malpighi Hospital, Bologna.

15:45-16:15 **Issues and challenges in the proper pharmacological management of elderly patients**

Andrea Bedini, Department of Pharmacy and Biotechnology, University of Bologna

16:15-17:00 Coffee break and poster session

PhD student oral presentations:

17:00-17:20 *"Can community pharmacy manage therapy adherence in older people to increase therapy success?"*

Irene Pignata, Department of Pharmaceutical Science and Technology, University of Torino

17:20- 17:40 *"PT(IV) prodrugs-loaded luminescent solid lipid nanoparticles as theranostic brain vehicles"*

Ilaria Arduino, Department of Pharmacy-Drug Sciences, University of Bari

20:00 Social dinner at "Cantina Bentivoglio", via Mascarella 4/b, Bologna

Friday, May 11th, 2018

Session II: Oral drug delivery

Chairs: to be defined

9:10-9:40 **Oral drug therapy in elderly with dysphagia**

Giulia Bonacucina, School of Pharmacy, University of Camerino.

9:40-10:10 **Application of slippery film coating for easy swallowing of solid dosage forms**

Alberto Genovesi, Colorcon Inc., UK.

PhD student oral presentations:

10:10-10:30 *“Administration of solid drugs for dysphagic people: comparison among different commercial gelified vehicles”*

Serena Logrippo, School of Pharmacy, University of Camerino

10:30-10:50 *“From Bitter to Sweet: a preliminary study towards a patient-friendly Praziquantel dosage form”*

Debora Zanolla, Department of Chemical and Pharmaceutical Sciences, University of Trieste

10:50-11:20 *Coffee break*

11:20-11:50 **Can orodispersible films contribute to the improvement of treatment adherence in the older population?**

Umberto Musazzi, Department of Pharmaceutical Sciences, University of Milan

11:50-12:30 **Fixed dose combination products**

Alessandra Rossi, Food and Drug Department, University of Parma.

Session III: Alternative route of administration and future perspective

Chairs: to be defined

12:30-13:00 Nose-to-brain delivery of potential therapeutic agents for Alzheimer's therapy

Giovanna Rassu, Department of Chemistry and Pharmacy, University of Sassari

13:00-14:50 Light lunch and poster session

14:50-15:20 Development of new formulations for Osteoporosis patients

Silvia Panzavolta, Department of Chemistry G. Ciamician, University di Bologna

15:20-15:40 Topical ophthalmic drugs in older people: present and future

Marco Albasini, CoC Farmaceutici, Italy

15:40-16:00 Innovative drug delivery systems for the treatment of bed sores

Barbara Vigani, Department of Drug Sciences, University of Pavia

PhD student oral presentations:

16:00-16:20 *"Escin-based nanovesicles to improve berberine topical delivery"*

Giulia Vanti, Department of Chemistry, University of Firenze

16:20- 16:40 *"Biosurfactant loaded vesicles for the local treatment of Staphylococcus aureus skin infections"*

Barbara Giordani, Department of Pharmacy and Biotechnology, University of Bologna

16:40- 17:00 *"PCL/Collagen electrospun nanofibers as polyphenols drug delivery system"*

Dalila Miele, Department of Drug Sciences, University of Pavia

17:00- 17.15 Poster Awards and Concluding Remarks

Annual A.It.U.N. Assembly

Thanks to



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