



PROGRAMME

**Hotel Royal Continental, Via Partenope 44
University Congress Center (UCC), Via Partenope 36**

Sunday, September 30, 2007

14h00-18h30

Registration Hotel Royal Continental - Exhibition

19h30

Welcome Reception "Castel Dell'Ovo"

Monday, October 1, 2007, Hotel Royal Continental

08h00-09h00

Registration

Session 1:

Chairs: Ubaldo Conte, Ruxandra Gref

09h00-09h15

Welcome

09h15-10h00

Nanotechnology and intelligent response: What have they done for biomaterials and drug delivery lately?

Prof. Nicholas A. Peppas, University of Texas at Austin, (USA)

10h00-10h20

Novel targeting cyclodextrins as drug carrier

Kenjiro Hattori (Atsugi, Japan)

10h20-10h40

Poly-hydroxyethylaspartamide supramolecular systems for prolonged RH-GH Delivery

S. Salmaso, S. Bersani, G. Giammona, G. Cavallaro, F. Selis, C. Marongiu, F. Caboi, P. Caliceti (Padova, Italy)

10h40-11h30

Coffee Break/Posters/Exhibition

11h30-12h00

Extrusion as a novel tool for pharmaceutical manufacturing

Prof. Jean-Paul Remon, University of Gent, Belgium

12h00-12h20

Self-assemblies of amphiphilic cyclodextrins

F. Djedaini-Pilard, J.J. Benattar, M. Roux, B. Perly (Amiens, France)

12h20-12h30

APGI-Sanofi Aventis Young Investigator Award

12h30-14h30

Lunch/Posters/Exhibition

Session 2:

Chairs: Franco Alhaique, Elias Fattal

14h30-15h00

Protein and nucleic acid delivery systems: Smart solutions for tricky drugs

Prof. Achim Goepferich, University of Regensburg (Germany)

15h00-15h20

Biological evaluation of gallic acid based dendriplexes as vectors for gene delivery

M. de la Fuente, M. Ravina, E. Fernandez-Megía, J. Correa, A. Sousa-Hervés, R. Riguera, M.J. Alonso, A. Sánchez (Santiago de Compostella, Spain)

15h20-15h50

Interpolyelectrolyte complexes based on polyaminoacids for gene and oligonucleotides delivery

Prof. Gennara Cavallaro, University of Palermo (Italy)

15h50-16h15

Coffee Break/Posters/Exhibition

16h15-16h35

Delivery of immunoreactive antigen using a lorentz-force actuated jet injector (ji)

Nora C. Hogan, Andrew J. Taberner, Melis N. Anahtar, Ian W. Hunterv (Massachusetts, USA)

16h35-17h05

Dextran hydrogels as protein releasing matrices

Prof. Wim Hennink, University of Utrecht (The Netherlands)

17h05-17h25

Sol-gel Based Silica Microparticles and films for Sustained Delivery of Proteins and Growth Factors

D. Teoli, L.Parisi, S.Bellini, N. Realdon, M.T.Conconi, P.Parnigotto, M.Morpurgo (Padova, Italy)

Tuesday, October 2, 2007, Hotel Royal Continental**Session 3:**

Chairs: Paolo Colombo, Maria Teresa Peracchia

09h00-09h30

Recent results on biocompatible and bioeliminable hydrophilic polymers

Prof. Paolo Ferruti, University of Milan (Italy)

09h30-09h50

Diazepam/PEG 1500 phase behaviour under supercritical CO₂

I. Pasquali, F. Pucciarelli, J.-M. Andanson, S.G. Kazarian, R. Bettini (Parma, Italy)

09h50-10h10

Gastric retention and bioavailability determination of ranitidine immediate and controlled release dome matrix formulations in dogs

P. Coelho, L. Strusi, F. Sonvico, R. Bettini, P. Colombo, L. Ribeiro, D. Santos, J.M.Sousa Lobo, D. Ferreira (Porto, Portugal)

10h10-10h30

Swellable hydrophilic polymer-based oral systems for pulsatile delivery

L. Zema, M. Cerea, M.E. Sangalli, A. Gazzaniga (Milano, Italy)

10h30-11h45:

Coffee Break/Posters/Exhibition

11h45-12h30:

Novel strategies in materials technology for engineering drug delivery devices

Prof. Giuseppe Mensitieri

University of Naples Federico II, (Italy)

12h30-14h30

Lunch/Posters/Exhibition

Session 4:

Chairs: Andrea Gazzaniga, Achim Goepferich

14h30-15h00

The lipid nanocapsules: A new tool in the treatment of cerebral tumors"

Prof. Jean-Pierre Benoit, University of Angers (France)

15h00-15h20

Modified PLGA nanoparticles as drug carriers for CNS delivery

G.Tosi, L.Costantino, L. Bondioli, B. Ruozi, E. Leo, F. Rivasi, AM. Vergoni, A. Bertolini, R. Tacchi, F. Forni, M.A. Vandelli (Modena, Italy)

15h20-15h40

Phospholipidic nanoformulations: an attractive way to incorporate amphiphilic drug

M. Lalanne, K. Andrieux, A. Paci, M. Ollivon, C. Bourgaux, M. Besnard, N. Tsapis, D. Desmaele and P. Couvreur (Paris Sud, France)

15h40-16h00

Coffee Break/Posters/Exhibition

16h00-16h30

Busulfan-loaded nanoparticles"

Dr. Ruxandra Gref, University of Paris-Sud, France

16h30-16h50

Bioadhesive cyclodextrins-gantrez nanoparticles for oral delivery of paclitaxel

M. Agüeros, M.A. Campanero, G. Ponchel, C. Vauthier, J.M. Irache (Pamplona, Spain)

16h50-17h10

Perfluorocarbon polymeric capsules with tunable size and enhanced stability for ultrasonography imaging

E. Pisani, N. Tsapis, B. Galaz, E. Kurtisovski, O. Lucidarme, M. Ourevitch, B. T. Doan, J. C. Beloeil, W. Urbach, E. Fattal (Paris Sud, France)

Gala Dinner 19h30 – Palace of Caserta, Caserta

Wednesday, October 3, 2007, University Congress Center (UCC)**Session 5:**

Chairs: Jean-Pierre Benoit, Mariella la Rotonda

09h15-10h00

Polymer therapeutics as novel nanomedicines

Prof. Ruth Duncan, Cardiff University, United Kingdom

10h00-10:20

Biodegradable and sterically-stabilized lipid/polymer particle assemblies

J. Thevenot, A.L. Troutier, T. Delair, C. Ladavière (Lyon, France)

10h20-10:40

Transport mechanisms of mmPEG750P(CL-co-TMC) polymeric micelles across the intestinal mucosa

F. Mathot, A. des Rieux, A. Ariën, M. Brewster, V. Préat (Brussels, Belgium)

10h40-11h00

Supramolecular lipic aggregates (SLAs) as delivery devices for anticancer therapy

D. Paolino, M.G. Calvagno, M. Licciardi, G. Giammona, G. Cavallaro, M. Fresta

11h00-11h30

Coffee Break

11h30-12h00

Bioactivated polymer matrices for tissue engineering

Prof. Paolo A. Netti, University of Naples Federico II, Italy

12h00-12h20

Biodegradable drug eluting coating for coronary stents

T. Ciach (Warsaw, Poland)

12h20-12h40

Textile surface modification with cyclodextrins and its application to biomaterials

B. Martel, N. Blanchemain, T. Laurent, N. Tabary, H.F. Hildebrand, M. Morcellet, Y. El Ghouli (Villeneuve d'Ascq, France)

12h40

Concluding Remarks