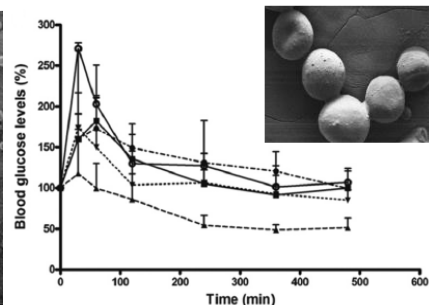
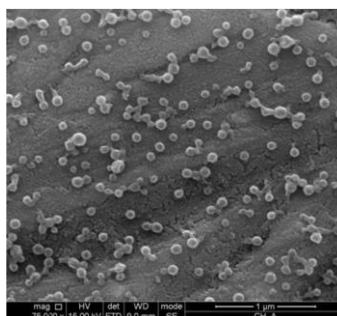
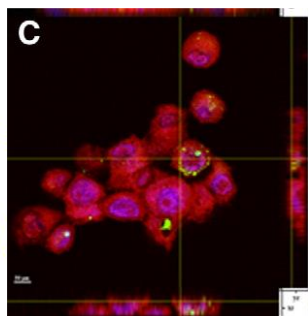
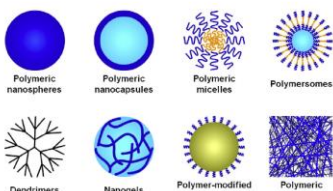


C.B.A.S PhD Program | Advanced Course

Programa Doutoral em Ciências Biológicas Aplicadas à Saúde | Departamento de Ciências | IUCS – Instituto Universitário de Ciências da Saúde | CESPU

“Nanotechnology, Drug Delivery and Drug Targeting”

September 27 to October 4, 2016 (8:00-13:00)



Main Goals: advanced knowledge on nanotechnology in drug formulation and delivery; rational, timely and target-driven designs of enhanced nanomedicines; contact with some examples of research and market products based on nanosystems for drug delivery

CESPU Teaching Staff:
Bruno Sarmento
Vitor Seabra
Ana Costa / Rute Nunes

Invited Speakers:
José das Neves, INEB / i3S, U. Porto
Maria João Gomes, INEB / i3S, U. Porto
Teófilo Vasconcelos, INEB / i3S, U. Porto and Bial
João Carvalho, Parabolab
Mansoor Amiji, Northeastern University, US

Place: Campus Universitário da CESPU, Rua Central de Gandra, 1317, 4585-116 Gandra PRD, Portugal

COURSE SCHEDULE	27/9	28/9	29/9	30/9	3/10	4/10	7/10
	8:00 Introduction 8:30 T1 - Nanotechnology for drug delivery applications Polymeric Nanoparticles Bruno Sarmento	8:00 T3 - Nanotechnology for drug delivery applications Targeted Nanoparticles Bruno Sarmento	8:00 T5 - Nanotechnology for prevention, diagnosis and management of infectious diseases José das Neves	8:00 T7 - Patent, scale-up, industrial production and regulatory approval of nanomedicines Teófilo Vasconcelos	8:00 P1 - Production of polymeric and lipid nanoparticles Ana Costa / Rute Nunes / Bruno Sarmento	8:00 P3 - Physical-chemical characterization of nanoparticles through FTIR Ana Costa / Rute Nunes / Bruno Sarmento	10:00 Plenary lecture Mansoor Amiji (i3S main auditorium)
C. Break	10:30	10:30	10:30	10:30	10:30	10:30	
	10:45-13:00 T2 - Nanotechnology for drug delivery applications Lipid Nanoparticles Bruno Sarmento	10:45-13:00 T4 - Physical-chemical and biological characterization of nanoparticles Bruno Sarmento	10:45-13:00 T6 - Nanoparticles for drug delivery to the central nervous system Maria João Gomes	10:45-13:00 T8 - Safety and toxicity concerns of nanoparticles as drug carriers Vitor Seabra	10:45-13:00 P2 - Cell-nanoparticle interaction Ana Costa / Rute Nunes / Bruno Sarmento	10:45-13:00 P4 - Mean particle size and surface charge characterization of nanoparticles João Carvalho	

Participants: The course is opened to young scientists (MSc/PhD students, PhD/MD, Post-doc fellows) and senior researchers interested in nanomedicine and drug delivery and holders of a scientific or professional CV of recognized merit attesting the capacity to attend this course.

Total participants: 15 (Full course with Lab classes), 50 (Theoretical classes) | Selection based on registration order

Registration Fees: 75€/Full Course, 50€/ Theoretical Classes

Certificate: A certificate will be issued at the end of the course to all students who attended the course assiduously

ECTS credits: Students who successfully conclude the full course will be awarded 5 ECTS credits (5€, included in the registration fees)

* Please note that only university students or graduates can be awarded ECTS credits.

APPLICATION: Applications should be submitted at <https://inscricoes.cespu.pt/>

REGISTRATION DEADLINE: 21st September 2016 | +10€ after deadline on a space available basis