



**EuroNanoMed3**

# Review Seminar for Funded Projects and Training Workshop on RRI

28-29th May 2019 Bratislava, Slovakia

EuroNanoMed (ENM) welcomes you to the Review Seminar of funded projects in Joint Calls 2015, 2016 and 2017 and the Training Workshop on Responsible Research and Innovation. This is a very special event since ENM is celebrating the 10th anniversary!

EuroNanoMed is a platform for funding agencies and ministries, officially started in January 2009 with the support of the EC. National and Regional research funding programmes joined together with the goal of creating and funding collaborative research and innovation projects that can convert research in nanotechnology into practical gains in medicine. It supports multidisciplinary and translational innovative research projects that cover: regenerative medicine, diagnostics and targeted delivery systems.

Up-to-date 10 Joint Calls for projects have been launched, the 10th is ongoing.

**Joint Transnational Call 2015:**

| 11 projects funded  
| 50 research groups  
| 7.5 Million€ of public funding from ENM partners

**Joint Transnational Call 2016:**

| 11 projects funded  
| 53 research groups  
| 7.5 Million€ of public funding from ENM partners

**Joint Transnational Call 2017:**

| 16 projects funded  
| 78 research groups  
| 14 Million€ of public funding from ENM partners and European Commission

## REVIEW SEMINAR FOR FUNDED PROJECTS 28th MAY 2019

### Welcome session in room London I + II on -1st Floor

8:00-9:00	Registration
9:00-9:05	Welcome and Presentation of the results of EuroNanoMed calls <i>Ignacio Baanante</i>
9:05-9:25	History of EuroNanoMed <i>Pierre-Noël Lirsac</i>
9:25-9:55	Presentation of the successful project I-CARE (Call 2009) <i>Ramūnas Valiokas</i> Ferentis technology for integrative approaches in tissue engineering: from curiosity to industry and clinics
9:55-10:25	Presentation of the successful project NANODIATER (Call 2010) <i>Manuela Calin</i> Nanoparticles designed to target chemokine-related inflammatory processes in vascular diseases and cancer metastasis and implementation of a biosensor to diagnose these disorders
10:25-10:55	Coffee break - Poster session*

### Parallel sessions: Presentation of projects funded in JTC 2015/2016/2017

10:55-12:55 Session 1	Diagnostics (2016, 2017) <b>Room London I</b> Chair: <i>Philippe Bourrinet</i>	Targeted delivery systems (2016, 2017) <b>Room London II</b> Chair: <i>Sven Schreder</i>
10:55-11:15	<i>AMI Fabio Biscarini</i> Organic Transistors for detecting antidrug-antibodies at Point-of-Care	<i>TEMPEAT Jan Van Hest</i> Elastin-like polypeptide micelles for nanomedicine applications
11:15-11:35	<i>EXIT Yuliya Shakalysava</i> EXosomes Isolation Tool	<i>ARROW-NANO Federica Meloni</i> HA-functionalized liposomes as drug delivery system for two fibrotic lung disorders
11:35-11:55	<i>MAGneTISE Tobias Knopp</i> Magnetic Particle Imaging for the Treatment and Imaging of Stroke	<i>GLIOGEL Guillaume Bastiat</i> Prevention of glioblastoma recurrence by injection in the resection cavity of a hydrogel formed by targeted lipid
11:55-12:15	<i>SPEEDY Leszek Cabaj</i> Surface enhanced Raman scattering with nanobio-amplifying systems for early diagnosis of Alzheimer's disease	<i>INAT Nathalie Heuzé-Vourc'h</i> Inhaled nomenclature for lung fibrosis
12:15-12:35	<i>LungCheck César Fernández-Sánchez</i> Rapid detection of four biomarkers in sputum using a multiplexed electrochemical device	<i>INTRATARGET Maria Jose Alonso</i> Nano-Immunotherapy: Intracellular Targeting of Cancer Cells and TAMs
12:35-12:55	<i>NACANCELL Arben Merkoçi</i> Smartphone coupled paper-based nanobiosensor for cancer biomarkers detection	<i>NANOVIBER François Berger</i> An innovative Nanoporous device for the theranostic management of brain pathologies
12:55-14:15	Lunch - Poster session*	

### Parallel sessions: Presentation of projects funded in JTC 2015/2016/2017

14:15-15:55 Session 2	Regenerative medicine (2015, 2017) <b>Room London I</b> Chair: <i>Beatriz Pelacho Samper</i>	Targeted delivery system (2016, 2017) <b>Room London II</b> Chair: <i>Sven Schreder</i>
14:15-14:35	<i>MAGBBRIS Anna Rosell</i> New magnetic biomaterials for brain repair and imaging after stroke	<i>NANOphelus Xavier Fernández-Busquets</i> Development of nanovectors for the targeted delivery in Anopheles mosquitoes of agents blocking
14:35-14:55	<i>NANOgSkin Miguel Alaminos</i> Generation of novel nanostructured bioartificial human skin for clinical use	<i>NSC4DIPG Twan Lammers</i> NanoSonoChemotherapy for Diffuse Intrinsic Pontine Glioma
14:55-15:15	<i>NANO-SCORES Giuseppe Filardo</i> NANO structured oSteoChOndral scaffold: novel biomimetic tRiggErS for enhanced bone regeneration	<i>RESOLVE Jean-Pierre Benoit</i> Suppression of immunopathology by nanoparticle delivery of mRNA to monocytes: design of carriers and processes
15:15-15:35	<i>4NanoEARDRM Serena Danti</i> Nanofabricated nanocomposite nanobioactive and nanofunctional replacements of tympanic membrane as advanced drug delivery and regenerative platforms	<i>FluNanoAir Bernard Verrier</i> Design of human influenza vaccines using multifunctional micelles harnessing innate immunity
15:35-15:55	<i>CytoNanoHeal Tzanko Tzanov</i> CytoNanoHeal: Biomaterial-supported cytokine and cell-based regenerative therapy for osteoarthritis	<i>INNOCENT Bozena Smolkova</i> Innovative Nanopharmaceuticals: Targeting Breast Cancer Stem Cells by a Novel Combination of Epigenetic and Anticancer Drugs with Gene Therapy
15:55-16:25	Coffee break - Poster session*	

### Parallel sessions: Presentation of projects funded in JTC 2015/2016/2017

16:25-18:05 Session 3	Targeted delivery systems and Diagnostics (2015, 2016) <b>Room London I</b> Chair: <i>Patrick Boisseau</i>	Targeted delivery systems (2015, 2016) <b>Room London II</b> Chair: <i>Beatriz Pelacho Samper</i>
16:25-16:45	<i>NanoPlasmiRNA Renzo Vanna</i> A simple and universal enzyme-free approach for the detection of multiple microRNAs using a single nanostructured enhancer of surface plasmon resonance imaging	<i>NanoVax Bruno De Geest</i> Towards synergistic engineering of anti-cancer immunity
16:45-17:05	<i>MultiNano@MBM Ronit Satchi-Fainaro</i> Modulation of melanoma-stroma interactions using a rationally-designed nanomedicine combining BRAFi-, MEKi- and immune-therapies	<i>NANOGLIO Cristina Limatola</i> Compound nanodelivery for the treatment of brain tumors
17:05-17:25	<i>DiaSyn Mireille Dumoulin</i> Development of a new in vivo radio-tracer for a Synuclein	<i>NanoHeart Mariana Varna</i> Squalene Adenosine nanoparticles for heart ischemia/reperfusion injuries treatment
17:25-17:45	<i>Target4Cancer Simo Schwartz Navarro</i> Targeting Cancer Stem Cells with Nanomedicine: the Target-4-Cancer project	<i>NanomIR Daniela Palacios</i> microRNA-based nanotherapies for the detection and treatment of muscular diseases
17:45-18:05	<i>NanoReHeart Felipe Prosper</i> Role of nano- and microparticles in cardiac repair	<i>NanoTech4ALS Piotr Walczak</i> Injectable and trackable hydrogel scaffolds to support intrathecal stem cell transplantation
18:05-18:25	<i>NanoDoxer João Nuno Moreira</i> Towards a single therapy with a synergistic drug combination against triple negative breast cancer and neuroblastoma by nucleolin-mediated multicellular targeting	<i>PCInano Kristian Berg</i> Nanoparticle mediated Photochemical Internalisation (PCI) of small anticancer drugs
19:00	Cocktail dinner - Poster session*	

\*Poster session of Funded Projects in JTC-2015, 2016 and 2017

## TRAINING WORKSHOP ON RESPONSIBLE RESEARCH AND INNOVATION (RRI) 29th MAY 2019

### Event room LONDON, -1st Floor

08:45-09:15	Registration, Welcome Coffee
09:15-09:20	Welcome SAS (tbd)
09:20-09:30	Presentation of EuroNanoMed activities <i>Ignacio Baanante</i> ENM III coordinator, Instituto de Salud Carlos III
09:30-09:50	Responsible research and innovation: your perspectives and a brief background <i>Rob Smith</i> University of Edinburgh
09:50-10:00	RRI in EuroNanoMed <i>Cecilie A. Mathiesen</i> The Research Council of Norway
10:00-10:20	Between ethics and uncertainty - (self-) reflections on RRI in Nanomedicine. <i>Jan Helge Solbakk</i> Centre for Medical Ethics, University of Oslo
10:20-11:00	Group work/task session 1. What is to be responsible/irresponsible in R&I 2. What is RRI in your view? Groups
11:00-11:20	Coffee break
11:20-11:40	State-of-the-art RRI in Horizon 2020 and Europe <i>Rob Smith</i> University of Edinburgh
11:40-12:00	RRI and other prominent concepts in R&I Policy <i>Dimitri Corpakis</i> Former European Commission
12:00-12:20	RRI Case 1 from nanomedicine: From EU-NCL <i>Patrick Boisseau</i> VP European Affairs Département Technologies pour la Biologie et la Santé
12:20-12:40	RRI Case 2 from nanomedicine NMBP-12-2017 BIORAMA: Development of a reliable methodology for better risk management of engineered biomaterials in Advanced Therapy Medicinal Products and/or Medical Devices <i>Lang Tran</i> Inst of Occupational Medicine, Head of Toxicology Section
12:40-12:50	Explanation of group work/task after lunch
13:00-14:00	Lunch + Poster prize
14:00-16:00	World Café
16:00-16:15	Conclusions - Outcome <i>Jan Helge Solbakk</i> and <i>Patrick Boisseau</i>
16:15	End



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According to the new EU General Data Protection Regulation (GDPR) the ENMIII webpage informs on respective policies

More information can be found on our web page: <http://euronanoimed.net> | Contact: [era@isciii.es](mailto:era@isciii.es)