



We are delighted to present the first newsletter of the EU funded project B-SMART – Brain-Specific Modular and Active RNA Therapeutics – introducing the project concept and consortium as well as showing insights into initial project activities and events.

The newsletter will be published biannually and will contain up to date information on the project progress, on project output, and recent events as well as on related topics. Keep yourself informed about ongoing B-SMART activities & project news – enjoy reading!

New EU project to provide RNA-based Therapy for Neurodegenerative Diseases

Nanomedical approaches can make a difference, providing new therapeutic options by helping drugs to enter the brain. The multinational research project B-SMART sets out to provide an RNA-based therapy perspective for neurodegenerative diseases targeting the direct cause of the disease instead of its symptoms. The project is funded with a total budget of €6 million over the next five years by the European Commission’s current Research Framework Programme Horizon 2020... [Read more](#)

Neurodegenerative Diseases	Nanomedicines	Transport	Delivery	Proof of Concept
				
Lack of causal therapies and effective drugs	RNA-based nanomedicines directly targeting the brain	Secure in-vivo transport through nanocarriers	Crossing the blood-cerebrospinal fluid barrier through ligands	Basis technology for treatment of other diseases

B-SMART develops Innovative Nanotechnological RNA Delivery Systems

B-SMART aims at designing and manufacturing modular nanoparticles through a quality-by-design protocol. The nanoparticles shall deliver therapeutic RNAs to the brain and treat neurodegenerative diseases. B-SMART expects to arrive at a scale-able nanoparticle formulation with uniform characteristics that shows a strong pre-clinical evidence of therapeutic efficacy and is ready for clinical translation... [Read more](#)

B-SMART kicks off project activities in Utrecht to mark successful project start

The B-SMART project was officially launched at the kick-off meeting from February 01-02, 2017 and hosted by the project coordinator, Prof. Ray Schiffelers from Universitair Medisch Centrum at the dignified Faculty Club in the city center of Utrecht. The meeting was a perfect opportunity for the consortium members to come together for the first time and to lay the foundation for a successful cooperation in the years ahead... [Read more](#)



The B-SMART Consortium at a Glance

B-SMART assembles a multi-national team of leading experts from 9 partnering institutions with long-standing experience in their respective fields. The B-SMART partners are involved in numerous exceptional national and international research programmes targeting close communication with the industry throughout all project stages in order to bridge the research-industry gap and enable timely exploitation of the project results... [Meet the partners](#)

B-SMART News Corner

Bringing pupils closer to science & research during the “Meet the Professor”-day in Utrecht, awarding B-SMART partners with the prestigious Belgian Baillet Latour Grant 2017 and the special CLINAM dwarf-award are initial project activities, to name a few, presenting B-SMART to the public... [Read more](#)



Upcoming events

EuroNanoForum 2017: The 8th European conference on Nanotechnologies and Advanced Materials, June 21-23, 2017, Valletta, Malta. [Read more](#)

Controlled Release Society Annual Meeting & Exposition, July 16-19, 2017, Boston, USA. [Read more](#)

ETPN 2017: 12th European Technology Platform Nanomedicine, October 17-19, 2017, Malaga, Spain. [Read more](#)

XII Spanish-Portuguese Conference on Controlled Drug Delivery: Tailoring drug delivery systems to the patients' needs, January 14-16, 2018, Coimbra, Portugal. [Read more](#)

If you have any questions regarding the B-SMART project or suggestions for our newsletter, feel free to get in touch! We look forward to receiving your feedback.

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