



## **Nanobiotix announces €2.8 million grant from bpifrance to accelerate development of NBTXR3 in a third new indication**

*Through ETPN (European Technology Platform of Nanomedicine), Nanobiotix is driving nanomedicine in Europe and is now involved in the first nanomedicine consortium in France with the launch of NICE project*

**Paris, France, 3 July, 2013 – NANOBIOTIX (Euronext: NANO)**, a clinical-stage nanomedicine company pioneering novel approaches for the local treatment of cancer, announces today it has secured c.€9 million in funding from bpifrance (formerly OSEO) of which €2.8 million is directly attributable to the Company. This grant, awarded through bpifrance's Strategic Industrial Innovation (ISI) program, will accelerate the clinical and industrial development of the Company's lead product NBTXR3 in a new indication, liver cancer (hepatocellular carcinoma). Liver cancer is a major health problem that causes one of the greatest number of deaths each year worldwide, c.695,000 deaths per annum.

This grant supports the launch of NICE (Nano Innovation for CancEr), the first consortium of nanomedicine stakeholders in France focused on characterization and industrialization aspects. The consortium has been accredited by the Medicen Paris Region, a competitive cluster for innovative therapies in Ile-de-France ([www.medicen.org](http://www.medicen.org)).

Consisting of five public and private partners, the NICE consortium includes partners with in depth expertise in the field of nanomedicine. Its mission is to build a platform to accelerate the development and industrialization of nanomedicine in France by capitalizing on the strong and complementary expertise of each partner.

Nanobiotix's lead product NBTXR3, based on NanoXray, is currently under clinical development for advanced soft tissue sarcoma and has received authorization from the French Medicine Agency, ANSM, to start a second clinical trial in patients with locally advanced cancers of the oral cavity or oropharynx (head and neck cancer). NBTXR3 will benefit fully from this platform of expertise and funding received from bpifrance by being able to accelerate its clinical development. The purpose of this project is the start of a new Phase I clinical study with NBTXR3 in patients with primary liver cancer.

In addition to Nanobiotix, the consortium includes BioAlliance Pharma, leader of the consortium which is developing Livatag®, a doxorubicin nanoparticle currently in Phase III clinical trial for treatment of primary liver cancer; CEA-Leti, the developer of cancer-detecting nanoparticles based on Leti's Lipidots® platform; DBI, a company specialized in the production of nanomedicine pharmaceutical products and the Institut Galien Paris Sud (University Paris Sud/CNRS), which has an academic-excellence team specialized in nanoparticle research.

*“Today, nanomedicine is considered as one of the major growth drivers of the global pharmaceutical industry and it is essential that the industry is structured at the local level to be competitive,”* said Laurent Levy, CEO of Nanobiotix. *“In turn, Nanobiotix will benefit from the consortium in two ways; if the sector is structured right to be able to accelerate the development and industrialization of products, and in the development of a new indication of NBTX3 which will help patients and build shareholder value.”*

-ENDS-

#### **About BPIFRANCE’s Strategic Industrial Innovation (ISI) program**

The Strategic Industrial Innovation program promotes the emergence of European champions. It supports ambitious, innovative collaborative projects through to industrialization, driven by innovative medium-sized companies (less than 5000 employees) and small businesses (less than 250 employees). These highly promising projects are aimed at the commercialization of products which result from technological breakthroughs and which not be possible without fostering measures from the public sector. Funding is generally in the €3-10 million range, as grants-in aid and loans which are repayable if the project is a success.

#### **About NANOXRAY**

Nanobiotix’s first-in-class, proprietary technology called NanoXray is at the forefront of a new era of nanomedicine, where nanoparticles are not just a vehicle for targeted drug delivery, but have become the principal active element. The NanoXray technology is based on the physical properties of hafnium-oxide nanoparticles and is used to enhance the efficacy of radiotherapy treatment for a variety of cancer indications.

Nanoparticles are designed to enter tumor cells and, upon activation by a standard dose of radiation, they emit large amounts of electrons resulting in the generation of free radicals that destroy cancer cells (the same mode of action than radiotherapy but largely amplified). Nanoparticle-enhanced radiotherapy therefore amplifies the lethal dose of energy locally within the tumor without changing the effect of the dose passing through surrounding healthy tissues.

By changing the coating of the nanoparticles, Nanobiotix is developing three different products that can be administered either by direct injection into the tumor (NBTXR3), intravenous injection (NBTX-IV) or topical application to fill tumor cavities after surgery (NBTX-TOPO). The product applied will depend on type of tumor and the patient’s specific clinical needs. NanoXray products are classified as a medical device in Europe and as a drug in the US. They are compatible with current radiotherapy methods with respect to equipment and protocols, as well as with older radiotherapy equipment or any radiation-based therapy.

#### **About NANOBOTIX**

Nanobiotix (Euronext: NANO / ISIN: FR0011341205) is a clinical-stage nanomedicine company pioneering novel approaches for the local treatment of cancer. The Company’s first-in-class, proprietary technology, NanoXray, enhances radiotherapy energy to provide a new, more efficient treatment for cancer patients. NanoXray products are compatible with current radiotherapy treatments and are meant to treat a wide variety of cancers via multiple routes of administration. Nanobiotix’s lead product NBTXR3, based on NanoXray, is currently under clinical development for soft tissue sarcoma. The Company has partnered with PharmaEngine for clinical development and commercialization of NBTXR3 in Asia. The Company is based in Paris, France.

Laurent Levy, CEO and co-founder of Nanobiotix, is the Vice-President of the European Technology Platform of Nanomedicine (ETPN).

For more information, please visit [www.nanobiotix.com](http://www.nanobiotix.com)

**For more information, please contact:**

**Nanobiotix**

**Laurent Levy**

CEO

+33 (0)1 40 26 07 55

[laurent.levy@nanobiotix.com](mailto:laurent.levy@nanobiotix.com)

**Yucatan**

*Media relations (France)*

**Annie-Florence Loyer/ Nadège Le Lezec**

+33 (0)1 53 63 27 27 / +33 (0)6 88 20 35 59

[afloyer@yucatan.fr](mailto:afloyer@yucatan.fr)

**NewCap.**

*Financial communication  
and investors relations*

**Louis-Victor Delouvrier / Emmanuel Huynh**

+33 (0)1 44 71 98 53

[lvdelouvrier@newcap.fr](mailto:lvdelouvrier@newcap.fr)

**College Hill**

*Media relations (Outside France)*

**Melanie Toyne Sewell / Donia Al Saffar**

+44 (0) 207 457 2020

[nanobiotix@collegehill.com](mailto:nanobiotix@collegehill.com)

**bpifrance**

**Vanessa Godet**

+33 (0)1 41 79 84 33

[vanessa.godet@oseo.fr](mailto:vanessa.godet@oseo.fr)

**Delphine Peyrat-Stricker**

+33 (0)6 38 81 40 00