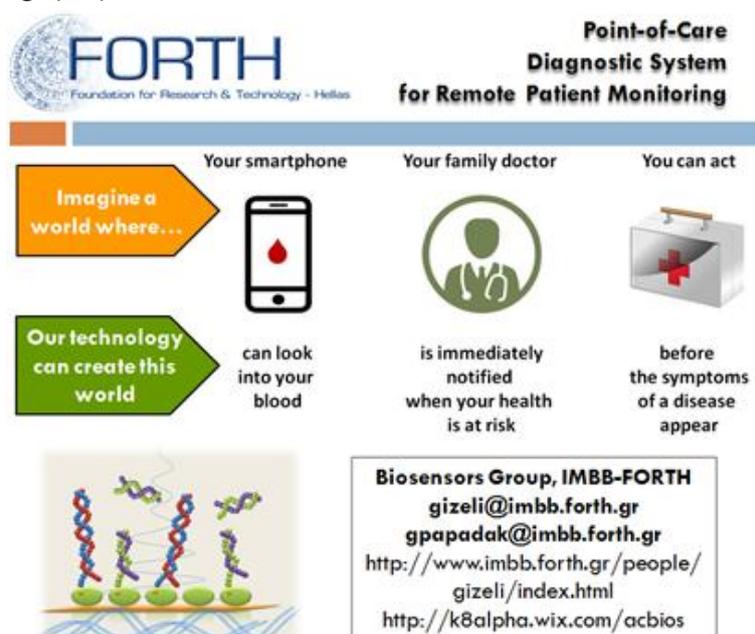


Biosensors Group is one of the winners in NOKIA Open Innovation Challenge 2015



The **Biosensors Group** from IMBB-FORTH is one of the 10 winners of the NOKIA Open Innovation Challenge 2015 (<http://networks.nokia.com/news-events/press-room/press-releases/nokia-announces-open-innovation-challenge-2015-winners>). Nokia's vision through the Open Innovation Challenge competition is to reward ideas that "... expand the human possibilities of technology to improve people's lives and help them thrive by enabling a programmable world where billions of people, things, sensors and devices are connected". Within the above philosophy, the Biosensors group was awarded for presenting a new concept in healthcare, which combines an autonomous system for clinical analysis operated through a smart phone. The system which targets the point-of-care diagnostics market uses acoustic sensors for the genetic analysis of pathogenic DNA while data acquisition and transmission to the doctor's office or health authorities can take place through a smart phone and the internet. IMBB's patented technology allows the detection of infectious agents, tumor biomarkers, genetic diseases screening as well as foodborne pathogens for food safety. The product takes advantage of acoustic wave technology which enables measurements using smart phones or tablets, and can, therefore, be connected to satellites and the Internet "cloud". The Biosensors group innovative solution is fully in line with the Internet-of-Things (IoT) trend, an area of interest to Nokia and Nokia Growth Partners (NGP).



Biosensors group mHealth solution for point-of-care diagnostics presented at Nokia Innovation Challenge 2015.



The Biosensors group was selected among hundreds of applicants coming mainly from Finland, the USA, India, China, and other European countries who submitted innovative ideas for IoT solutions in health, connectivity, automotive, industrial internet and smart cities. The presented novel concept by IMBB-team was further distinguished by receiving the **Nokia Executive and Audience Choice Awards**. The group, which was the only winner from a Research/Academic organization, is based on the Institute of Molecular Biology and Biotechnology (**IMBB**) which is part of the Foundation of Research and Technology Hellas (**FORTH**), the largest research Institute in Greece. Biosensors group has several years of experience in acoustic biosensors, biophysics, nano-micro technologies and integrated platforms. Its long term vision is to provide smart, inexpensive and versatile solutions for healthcare and disease prevention which together with connectivity can bring a paradigmatic change in healthcare monitoring in both the developed and developing world. Work carried out within Biosensors lab receives financial support by European, National and International organizations.