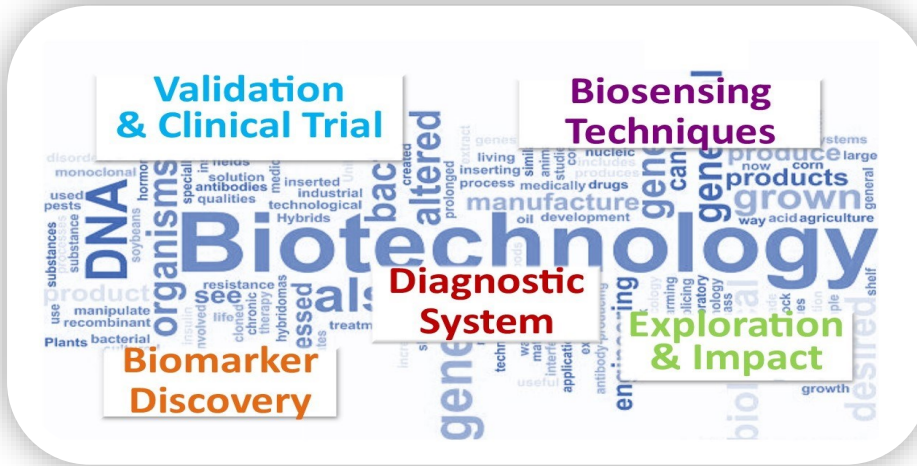# Workshop
Brain Cancer: from innovative diagnostic technologies to big data elaboration

Rome, September 24-28 2018

IRCCS Regina Elena National Cancer Institute
Multimedia Congress Center—Aula C - Via Fermo Ognibene, 23

An Integrated Platform for Developing Brain Cancer Diagnostic Techniques (AiPBAND) is a H2020 MARIE SKŁODOWSKA-CURIE INNOVATIVE TRAINING NETWORKS to train a new generation of entrepreneurial and innovative early-stage researchers (ESRs) in early diagnosis of brain tumours.

AIMS: 14 fellows will be trained by experts of academic and non-academic beneficiaries, with fields ranging from neuroscience, engineering (including big data science), healthcare to economics. State-of-the-art technologies will be applied in parallel to identify novel blood biomarkers from patients with gliomas, to design three types of multiplex biosensor (plasmonic based, graphene-based, and digital ELISA assay-based), to develop a big data-empowered intelligent data management infrastructure, and to develop cloud-based diagnostic systems.

24-25 September: Open conference about the fundamental knowledge and state-of-the-art diagnostic technologies in brain cancer research.

26-28 September: ESRS together with Experts within the AiPBAND consortium will give lectures to cover topics spanning from advanced diagnostics to big data decision-making as support for health innovations. Our multidisciplinary programme will unite a broad spectrum of expertise in brain tumour research.

 This event will be open to doctoral students and researchers outside this European Training Network to increase the outreach of the AiPBAND program.

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