



Precision Diagnostics for Precision Cancer Care

Improving patient access to innovation

High Level Seminar

European Parliament – Brussels - May 20, 2025 - 14:00-18:00 CET

PRELIMINARY ANNOUNCEMENT

Background

Providing the best possible therapy in a timely and accurate way to cancer patients critically depends on precision diagnostics. The more specifically medicines are selected to act on cancer, the more detailed diagnostic characterization of individual cancer tumors has to be performed to select the right therapy for the right patients at the right time.

In this context, next generation sequencing (NGS) has become a key diagnostic technology that should be available to newly diagnosed cancer patients throughout Europe. The rapid progress in the development of NGS technology allows comprehensive genetic analysis of cancers at affordable costs and in reasonable time. However, there are several challenges and hurdles in making innovative diagnostic solutions available to patients in health care.

Programme

This high level event will present lessons learned from the Pre-commercial Procurement Project “**Integrated and Standardized NGS Workflows for Personalised Therapy (Instand-NGS4P)**” (www.instandngs4p.eu), which is cofunded by the European Commission, and will discuss possible solutions on how to bring innovation to patients. The event will focus on three main issues to be introduced by short lectures and elaborated further in panel discussions, involving key stakeholders including patients, health care professionals, representatives from industry, regulators and policy makers.

- 1) Medical need for NGS and precision diagnostics in cancer care
- 2) How can innovative technologies meet regulatory requirements for in vitro diagnostics and how European standards can help
- 3) Health economic benefits of NGS as prerequisite for cancer diagnostics reimbursement schemes. Addressing disparities in access to precision diagnostics across Europe.

Outcome

A White Paper based on the conclusions of the event will follow with concrete proposals for future activities.

Further details regarding the programme and free registration will be available on the [Instand-NGS4P](http://www.instandngs4p.eu) website. Contact: events@instandngs4p.eu