Employing Big Data to make precision medicine a reality

Vision

Creating a system that will support clinicians and policy makers in developing personalised diagnosis and treatments for patients

Objective

IASIS is an EU-funded research project that seeks to pave the way for precision medicine approaches by utilising insights from patient and open data. It aims to combine information from medical records, imaging databases and genomics data to enable personalised diagnosis and treatment in two disease areas - lung cancer and Alzheimer’s disease.

Pilot 1: Lung cancer
- Unravel molecular mechanisms that predict response to different tumor types (signatures).

Pilot 2: Alzheimer's disease
- Identify patterns associated with prognosis, outcomes, response to treatment.
- Associate medical and lifestyle advice to dementia risk and stages of Alzheimer’s disease severity.
**Duration**

Start: 01/04/2017 - Finish: 31/03/2020

**Programme**

H2020-SC1-2016-CNECT, SC1-PM-18-2016

Big Data supporting Public Health policies

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- [www.project-iasis.eu](http://www.project-iasis.eu)
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