

# [News story: Improving patient diagnosis and treatment: apply for funding](#)

Innovate UK has up to £5 million to invest in new technologies that will help doctors to make early and accurate diagnosis of disease and that will lead to better treatments.

## **More accurate identification and treatment**

Disease processes and treatments can vary highly from person to person. Only between 30% and 70% of patients are thought to respond positively to any drug.

Precision medicine – also known as stratified medicine or personalised medicine – seeks to improve this through more accurate identification of disease and of the right treatment to pursue. It combines knowledge of clinical biomarkers with advances in diagnosis and data analysis.

The aim is to ensure patients receive an accurate diagnosis and get the best treatment for their personal circumstances.

Supporting our ageing society with earlier diagnosis and precision medicine is part of the government's modern [Industrial Strategy](#). Find out more about [how we are tackling this challenge through the Industrial Strategy Challenge Fund](#).

## **What we are looking for**

This competition is for both early-stage feasibility studies and for collaborative research and development. Projects may combine different research categories if needed.

### **Feasibility studies**

Projects could conduct feasibility studies into:

- initial technical activities
- the value proposition of a concept
- understanding the technical, operational, clinical and regulatory requirements of a technology and the challenges of getting it adopted by medical professionals
- determining relevant regulatory and health technology assessments
- analysing progress and developing a clear development plan for a technology

## **Collaborative research and development**

We will support collaborative research and development under one of the following themes:

- rapid and accurate diagnosis of commonly misdiagnosed ailments to help pick cost-effective remedies already on the market
- mental health and precision psychiatry
- paediatric and maternal-foetal medicine
- inflammatory diseases including psoriasis, respiratory, autoimmune, Crohn's and transplant rejection

## **Competition information**

- the competition opens on 14 May 2018, and the deadline for applications is at midday on 11 July 2018
- a briefing event will be held on 31 May 2018
- for feasibility projects, these:
  - must be led by a business working alone or with other businesses or research organisations
  - have project costs of up to £100,000 and to last up to 12 months
- for collaborative research and development projects, these:
  - can be led by a business or a research and technology organisation and must include another organisation such as a healthcare provider, business or research organisation
  - have project costs of up to £2 million and to last up to 24 months
- businesses could attract up to 70% of their project costs

[Find out more about this competition and apply.](#)