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## Abstract

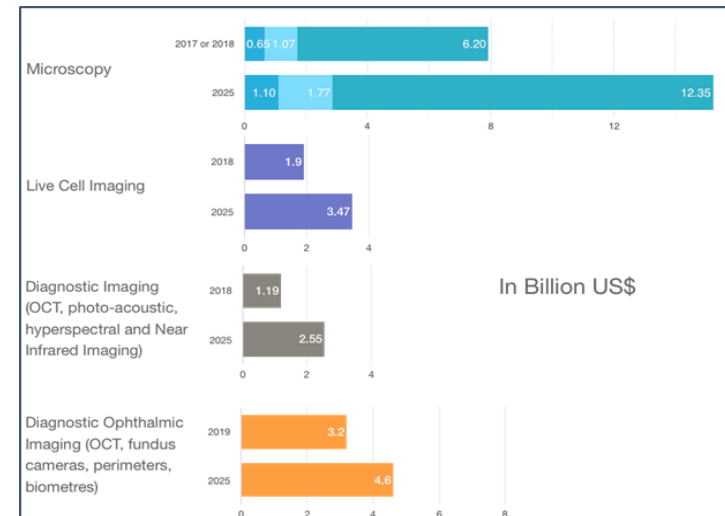
Optical imaging, a vibrant area of growth within photonics, is an essential enabling technology for biology discovery, pharmaceutical development and diagnostics, including for the development of personalised treatments and dealing with an increasing ageing population. Support from SFC enabled the physics, life sciences and medical imaging Research Pools (SUPA, SULSA and SINAPSE) to explore how Scotland's strengths in optical imaging can be better harnessed to capitalise on the opportunities to accelerate innovation and position Scotland at the forefront of new technologies and applications.

## Project Description

A range of approaches were used. These include:

- a review of global market opportunities for cross-sector optical imaging
- an Innovator-in-Residence explored the current academic and industrial landscape
- assistance with newly identified commercial opportunities
- providing early career researchers with opportunities to foster new cross-disciplinary academic-industry networking using the Scottish Crucible model
- engagement with relevant industry facing organisations, health and government organisations
- competitive seed funding support for proof-of-principle projects involving academic and industrial partners (8 on-going projects).

## Global markets



## Outcomes

As hoped, opportunities to secure significant new funding for development and commercialisation activities are emerging. These include:

- spin-out companies now being developed in collaboration with the Scottish Enterprise High-Growth spin-out programme
- a bid to UKRI Strength in Places Fund Wave 2
- A large (£6M) proposal to the EPSRC Healthcare 2050 call