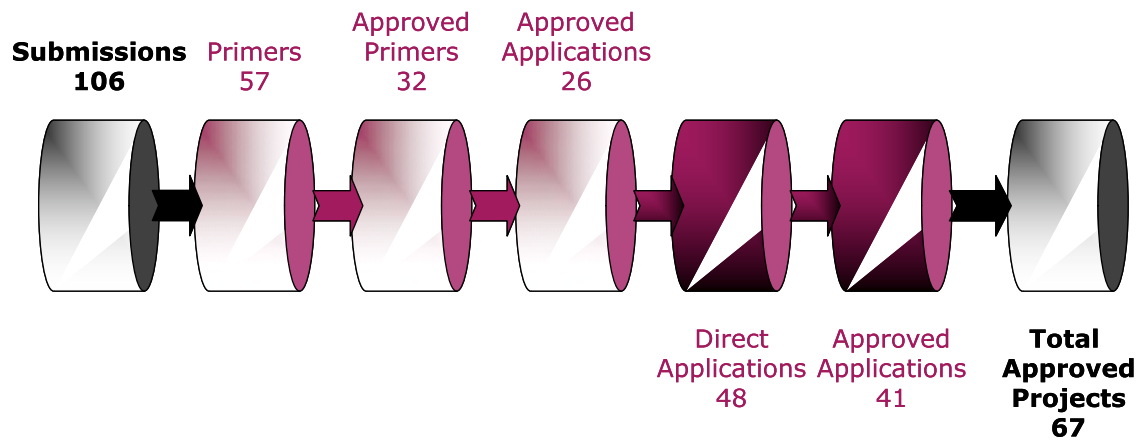
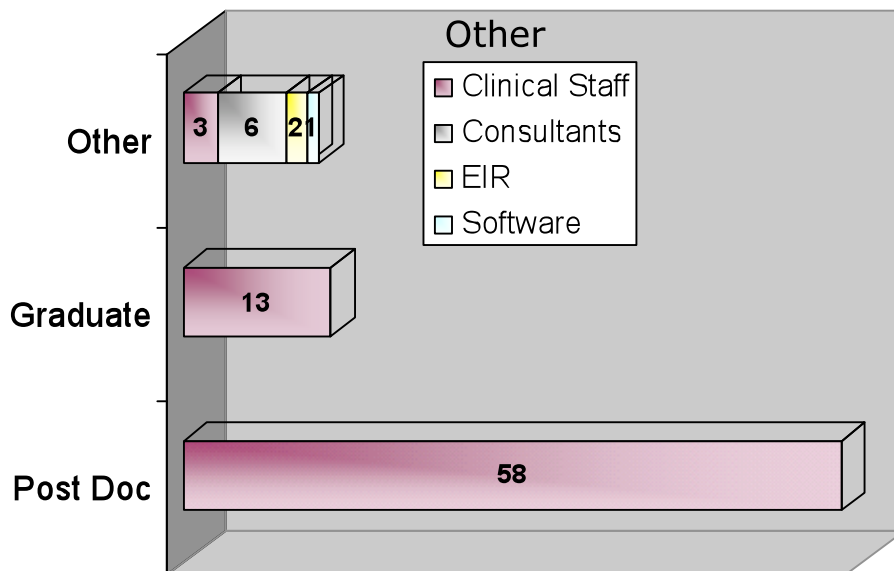


DGF Submission Pipeline (March 2009)



DGF operates an optional 2 stage application process. Opportunities can be submitted as a short primer to determine if it is suitable for DGF funding and if approved proceeds to a application.

Jobs Created by DGF (to March 09)



Development Gap Fund example outcomes

Heptares Therapeutics Limited

Concept

- Production stable, pure, active & crystallisable GPCRs

Application

- Most important family of drug targets
- Rational drug design

Project Objectives

- POC & validation studies
- Thermostable GPCRs with preserved functional characteristics
- Protein purification & crystallisation

Support

- Co-funding from pharma
- Entrepreneur in residence
- Business Plan

Outcomes

- POC in 3 GPCRs
- Production of high resolution crystals
- 3 Patent filings
- Platform technology basis for "Spin Out"

What's Next

- **Company Formation**
- Founded 2007
- StaR™ technology
- NCE for intractable GPCRs
- Seed funding £2.6m
- Series A funding £21m



HEPTARES
therapeutics

Detection Method for Oesophageal Cancer

Concept

- Novel non-endoscope detection method for oesophageal cancer

Application

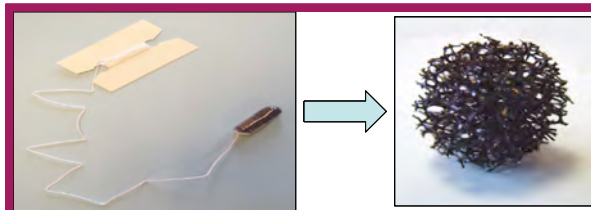
- Screening & surveillance of BO

Project Objectives

- MHRA approved device
- Assessment patient acceptability
- Compare against endoscopy gold standard
- Feasibility population screening BO

Support

- Clinical Research Fellow
- Medical device company. (MRCT)



Outcomes

- Identification medical device company
- Production MHRA approved device (300)
- POC in primary care environment
- Patent filing

What's Next?

- Clinical trial - grant pending
- Reduction unit cost
- Automated production
- Discussions with diagnostic company marker provision for clinical trial & future kit production

Assessment of Cognitive Function

Concept

- Modular website validated/supported cognitive function tests & training

Application

- Assessment cognitive function

Project Objectives

- Identification CRO
- Design & establish a website platform

Support

- “Fee for Service” CRO

Outcomes

- White label/public website
- License granted: testing cognitive enhancer

What's Next

Marketing web-based tests

