Sustainable Pharmaceuticals from plants

Agroceutical Products
Sustainable Pharmaceuticals from plants
Projects

• Disciplines
  • Genetics, bio-synthesis, bioinformatics, biology, agronomy, agriculture, agri-engineering, micro-biology, engineering, industrial biotechnology, analytical chemistry, chemical engineering, pharma regulation

• Bio-medical
  • TB, Anti-biotic resistance, Cancer, Dementia, Diabetes

• BioPesticides / Integrated Pest Management
Projects

Collaborators: N America, S America, Africa, Australia/NZ, Western Europe, UK
Sources of funding

- Catalyst funding
  - Agri-Tech, IB Catalyst, BioMedical Catalyst
- Knowledge Transfer Partnership
- TSB Feasibility
- WG SMART
- Marketing and Processing Grant
- LINK
BEACON

• “BioRefining Centre of Excellence”
  • “Converting plants to products”
  • “taking laboratory research to economically viable industrial applications”
  • “A flexible and modular plug and play, multi-feedstock pilot processing plant.”
• “Associated Expertise”
Where BEACON fits

- Range of equipment and experienced operators
  - Can try before you buy
- Range from a quick ‘Look see’ through to a more substantial ‘Process Development’
- Breadth and Depth of knowledge
- The people have a ‘Can Do’ attitude!!
So, what’s your project?

- AND,
  - Why are you doing it?
  - What are you trying to achieve?
- Where can you get some cash to do it?
Types of Project...

Market readiness

Innovate UK
Technology Strategy Board

Research Councils

Pre-industrial Research
Industrial Research
Experimental Development
Technology Development
Technology Demo
System Dev.
System Qual.
Prod. Prototype
Commercialisation
Commercial Invest.
Venture Capital

Technology Strategy Board

Agroceutical Products Ltd
Funding

- Innovate UK
  - Range of calls for different project types

- Research Councils
  - Funded Research
  - Studentships
Funding

- Welsh Govt
  - SMART
  - WEGF
  - A4B

- NIBB networks
  - BIV
  - Proof of Concept
General

• There is no such thing as a free lunch!
  • This is not “FREE MONEY”

• A lot of funding is competition based
  • each project is scored and funding starts for highest scored projects and works downwards until money is gone

• Make sure the project fits the business
  • preferably has to be done anyway
Application

• Don’t just slap some words together and expect everyone to realise how brilliant your project is!

• Feedback is valuable
  • Get it and use it

• Don’t leave the application to the last minute
Academic Partners

• Make sure you’ve got the right academic partner(s)

• Make best use of their fund-able contribution

• Do NOT let the academic partner(s) run-off with the project

• Do NOT let the academic partner(s) leave everything to the last minute
Finances

• Generally actual eligible costs claimable in arrears
  • So you’ve got to spend it before you can claim it back

• Business contribution can be cash or in-kind
  • In kind is typically people time and/or materials

• Do NOT underestimate project management time required