





Inaugural Fraunhofer - Delaware Technology Summit

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Energy and Life Sciences – Solutions for Sustainability

University of Delaware Clayton Hall March 5/6, 2013







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### **SESSION A.1: LIFE SCIENCES SOLUTIONS**

### Plenary Talk

"Step Ahead Together: Creative Collaborating as an Approach to Building and Sustaining a Pharma R&D Pipeline"

John Cantello
 Vice President, Worldwide Business
 Development, GlaxoSmithKline





# Step Ahead Together: Creative Collaborating as an Approach to Building and Sustaining a Pharma R&D Pipeline

John Cantello, PhD VP Business Development

Property of GlaxoSmithKlin

### **Presentation Flow:**

- 1. Snapshot of GlaxoSmithKline and Me
- 2. Overview of Pharma/GSK challenges
- 3. GSK's R&D Evolution: Creative collaboration with the external environment to drive innovation
  - Specific Examples

### **About GSK**

We are a **SCIENCE-led** global healthcare company that researches and develops a broad range of innovative medicines and brands. We have three primary areas of business in pharmaceuticals, vaccines and consumer healthcare.

With our headquarters in the UK, we have offices in more than 115 countries, major research centers in the UK, US, Spain, Belgium and China and an extensive manufacturing network with around 70 sites globally.





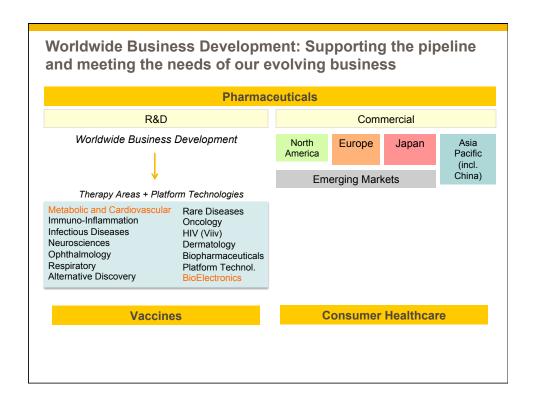




Over \$40B in total sales in 2012

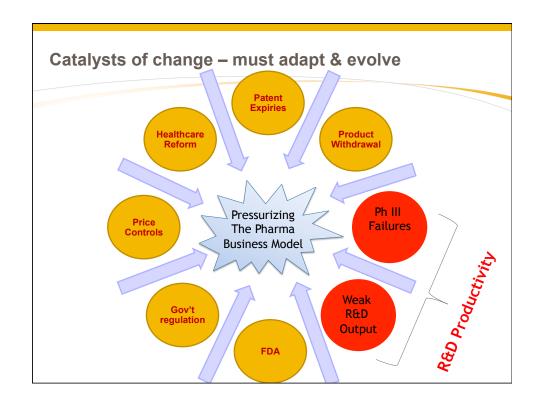
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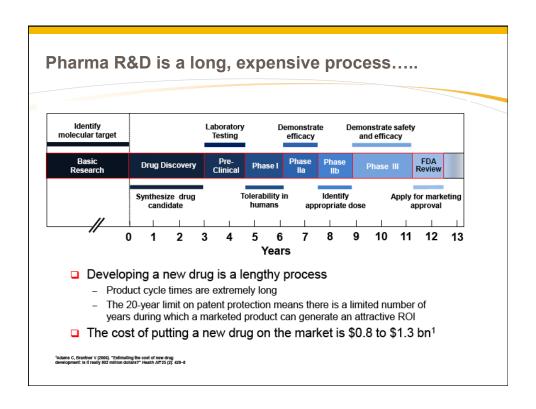
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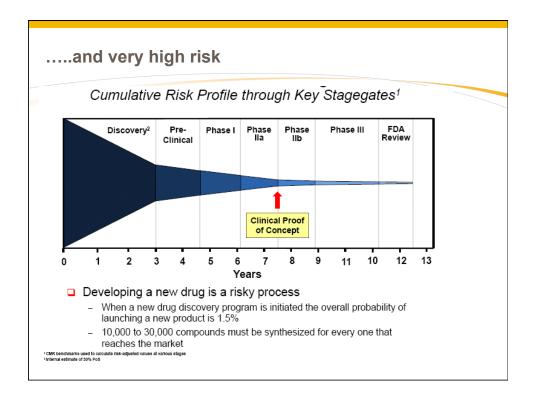


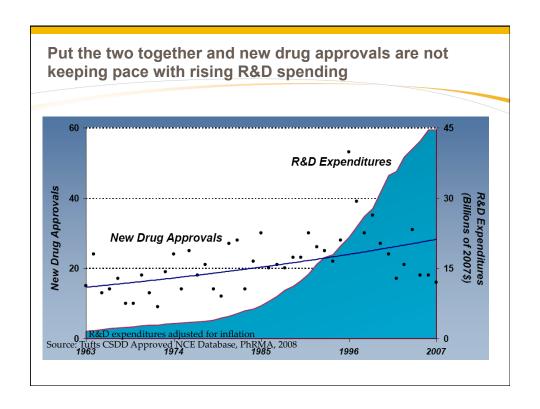
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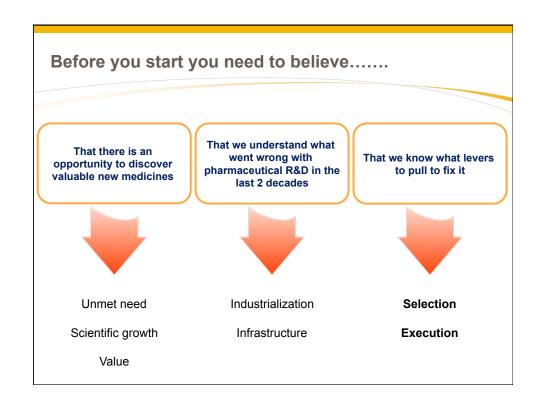


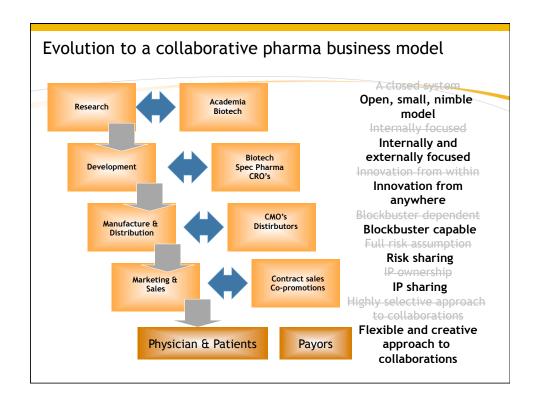


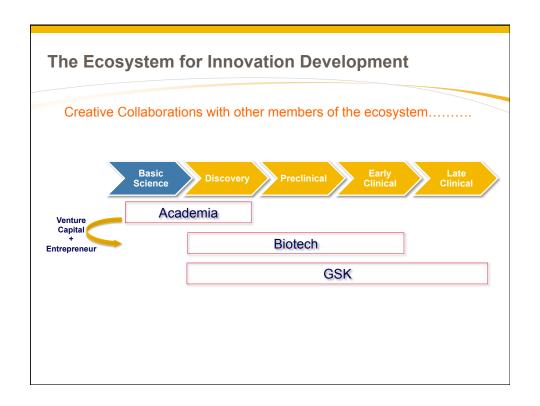


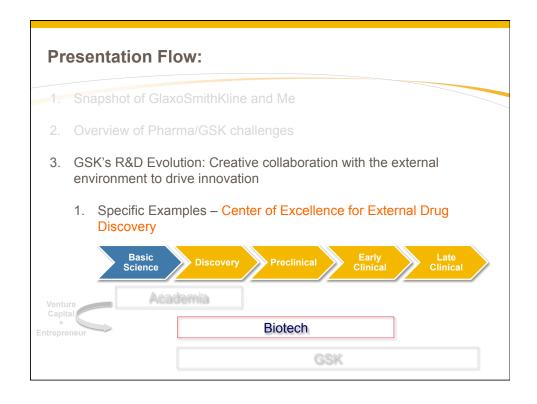
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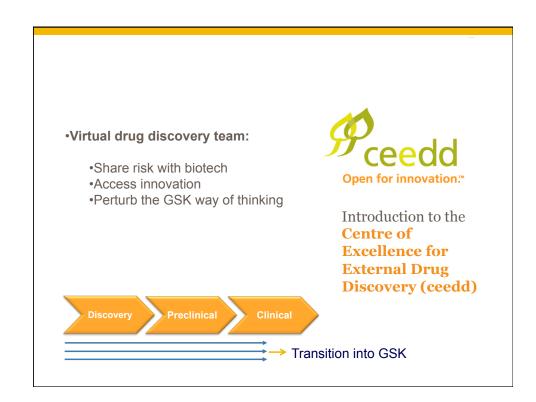
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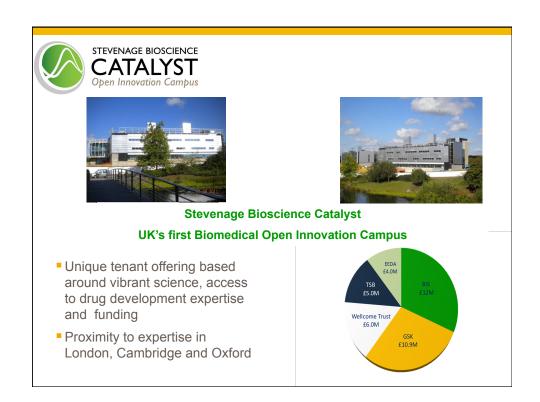








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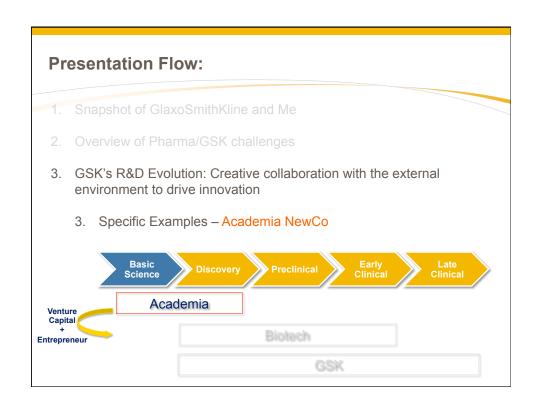


# **SBC Tenant Offering**

- Compelling location
- Access to Scinovo
- Access to SR One funding
- Access to GSK e-journals
- Access to therapeutic expertise at GSK and other stakeholders
- Access to regular seminar series (open access)

- Access to SBC Experts Panel
- Access to a funding network
- Access to an SBC associate network (services in areas such as IP, legal, marketing)
- Access to technical shared services
- Development of a web-based open innovation SBC community portal (in collaboration with TSB)





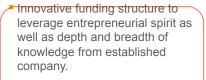


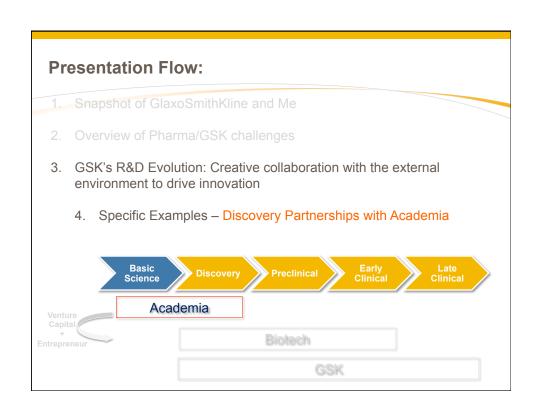
independent company with a biotech model nested in the biotech hub of Boston. Focus is on regulatory T-cells for treatments in auto-immune disease and inflammation. Very exciting, and very risky, science.

 Scientific founders are Harvard professors regarded as top minds in immunology. Two independent directors from Boston biotech community.

Currently, GSK is the majority shareholder.

Board of Directors with GSK,
 Tempero, and Independent Directors





### Discovery Partnerships in Academia (DPaC)

### A new approach to early drug discovery

- Launched in 2011
- Bring together the insight and creativity of the academic world with the drug discovery expertise of GSK.
  - int team, wards FRED **HUTCHINSON**

DUNDER

Develop new treatments for Recessive Dystrophic Epidermolysis Bullosa (RDEB), a rare condition

 Each project operates as a joint team, with both partners working towards shared goals with open sharing of information.



Develop therapeutics to treat an inherited form of muscular dystrophy.





Discover and develop new medicines to treat liver disease

For more information visit www.dpac.gsk.com

# 8 June 2011 GSK and University of Dundee begin collaboration to develop therapies for rare genetic skin disorders

GlaxoSmithKline (GSK) and the University of Dundee have entered into an agreement to combine the pharmaceutical company's expertise in discovering and developing new medicines with the researcher's expertise in rare and debilitating skin disorders under GSK's Discovery Partnerships with Academia initiative......

......The success of the project is dependent on contributions from both parties, with GSK undertaking screening, medicinal chemistry, preclinical work and clinical development, and Professor McLean's team, in conjunction with the Drug Discovery Unit, characterising arising compounds in a range of specialised biological assays to facilitate translation into the clinic......

### Fred Hutchinson Cancer Research Center partners with GlaxoSmithKline to develop muscular dystrophy therapeutics

SEATTLE – Dec, 10, 2012 - Fred Hutchinson Cancer Research Center and GlaxoSmithKline PLC (GSK) today announced a partnership to develop therapeutics to treat an inherited form of muscular dystrophy.......

......Unlike traditional licensing agreements in which the licensee is given full control to develop a discovery, the collaboration will involve GSK and Fred Hutch scientists working together to develop, test and hopefully bring to market a clinical treatment......

