

# Cogent Life Sciences Advisory Council

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# Background - from the perspective of the pharmaceutical industry



- ABPI skills reports 2005 and 2009
- Findings mirrored in other reports including from Semta and CBI
- OLS set up Industry and Higher Education Forum
  - Clinical pharmacology
  - In vivo sciences
- Accreditation of Bioscience degrees



## What are the areas for action?

- Mathematics skills to underpin all science areas
- Practical skills of graduates
- Specific disciplines identified in skills reports – many are still of concern
- Some new areas including veterinary pathology



## Top skills priority areas

- In vivo sciences
- Veterinary pathology
- Translational clinical pharmacology/experimental medicine
- Pharmacokinetic/ pharmacodynamic modelling
- Drug metabolism/pharmacokinetics (DMPK)
- Radiochemistry related to drug metabolism
- Chemical/process engineering