A/Prof John Kavanagh

- School of Chemical and Biomolecular Engineering

- Areas of Research
  - Scale-Up and process improvement, rather than discovery or health effects
  - Production of fat soluble vitamins via fermentation (K1, K2, A, CoQ10)
  - High value products from algae (lutein, fucoxanthin, omega3s)

- Collaborators
  - Dale McClure, Nick Coleman, David Fletcher, Fariba Dehghani, PJ Cullen
Laboratory

- Fermentation PC1
  - Small and medium scale
  - Bacteria
  - Fungi
- Photobioreactors
  - Microalgae
  - Analysis HPLC/GC
Collaboration Interests

- Scale up and/or improvement of microorganism production of antibiotics
- Major equipment grant submission for automated bioreactors