

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

