

## CURRICULUM VITAE



### DENIS J MURPHY

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<https://scholar.google.co.uk/citations?user=GQc6wQsu-BkC&hl=en>

### CURRENT POSITION

Professor of Plant Biotechnology,  
Head of Genomics & Computational Biology Research Group,  
University of South Wales, CF37 4AT, United Kingdom

### Other key roles:

- \* **Fellow of the Royal Society of Biology**
- \* Crop Biotechnology Advisor, **United Nations Food and Agriculture Organization**
- \* Chair, Biology Advisory Committee, **Malaysian Palm Oil Board**
- \* Member of Science Council of the **Malaysian Oil Scientists and Technologists Association (MOSTA)**
- \* Plant Biology Series Editor, Oxford University Press
- \* Consultant on Biotechnology to **European Chemicals Agency**
- \* Executive Editor of the international open access journal, **World Agriculture**
- \* Founder and Chief Executive Officer of **Oleatech Ltd**, a successful UK-based life sciences SME

### CAREER SUMMARY

- 1974-77** D.Phil. in Lipid Metabolism in Higher Plants. Dept of Biological Sciences, University of York, UK
- 1977-80** Fulbright Postdoctoral Scholarship at University of California, Davis. Research on lipid biochemistry
- 1980-84** AFRC Postdoctoral Fellow at Research Institute for Photosynthesis, University of Sheffield.
- 1984-85** Royal Society Postdoctoral Fellow at Australian National University and CSIRO, Canberra, Australia.  
Research on photosynthetic membrane organisation
- 1985-90** New Blood Lecturer in Plant Molecular Biology and Biochemistry at Department of Biological Sciences, University of Durham, UK. Established oilseeds biotechnology research group
- 1990-00** Head of Oilseeds Research Department at John Innes Centre, Norwich, UK. Established a new research department for crop biotechnology including genomics & molecular breeding
- 1998** Awarded Honorary Professorship in Biological Sciences by University of East Anglia, UK
- 2001** Head of Plant Biotechnology Unit and Head of Biology Research at University of Glamorgan, UK
- 2008** Appointed Chair of Advisory Committee to Malaysian Palm Oil Board
- 2003** Awarded Personal Chair in Biotechnology at University of Glamorgan, UK
- 2008** Appointed Biotechnology Advisor to United Nations Food and Agriculture Organization
- 2012** Established Genomics and Computational Biology Research Group at University of South Wales
- 2012** Elected as Fellow of the Royal Biology Society

### AREAS OF SPECIFIC EXPERTISE

- Research and commercial expertise in biotechnology, cell biology, genomics, and bioinformatics
- Over 320 research publications in internationally peer reviewed journals plus several biotechnology patents
- Supervisor of 35+ successful PhD students, 18+ postdocs/technicians, and dozens of MSc students
- Raised over US\$10 million in competitive grant funding from government and industry
- Senior academic with >30 years research/teaching/management at various UK and overseas universities
- Ten years of senior management experience in a top ranking international research institute
- Membership of grant committees, external scrutiny panels for various institutes and UK strategy bodies
- Senior Advisor & Consultant on plant biotechnology/genomics to government bodies and private companies
- Member of UK national Research Assessment Exercise (RAE2008) panel on biology
- Excellent communication skills in scientific specialty and with the public, including schools
- Author of numerous academic and popular articles on biotechnology and its impact
- Significant media interactions including both UK and overseas press, radio and television
- Expert witness in successful \$US multi-billion crop biotechnology patent trial in USA during 2019