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Dr Anton Pluschke

CEO & Founder, Ordinary Seafood

Professional Experience

2022- present CEO & Founder, Ordinary Seafood

- Founded plant-based and biotechnology seafood company.
<https://www.ordinaryseafood.com/>

2020 - 2022 Head of Research and Development, vly

- Drive new product development (NPD) pipeline
- Thought & innovation leadership in plant protein biochemistry for alt. dairy applications
- Scrum Master for agile and accountable project management
- Establish sensory tester databank, training and maintenance of sensory panel
- Protect vly's technical IP through suitable means; patents, trademarks, etc.
- Establish funding and run fundamental projects with key research institutes

2019 - 2020 Technology Scouting Manager, Cargill Health Technologies, Cargill

- Managing Cargill Health Technology innovation steering team
- Leading and bringing to market global health related projects
- Screening emerging science and health technologies
- Building expertise and knowledge about strategic partners and becoming in house expert on partner organizations
- Monitoring the field of biomedical research and development and identifying value drivers, value creation opportunities and key risks
- Participating in due diligence activities to assess new opportunities and solutions
- Building high performing management and deployment teams

2017 - 2019 Global Technology Lead – Enzymes, Cargill Animal Nutrition, Cargill

- Establishing global and regional strategic partnerships with key enzyme suppliers
- Providing global technical support for exogenous feed enzymes for Cargill Feed & Nutrition, Cargill Premix & Nutrition and Cargill Aqua Nutrition

- Managing Cargill enzyme portfolio and developing multi-species (poultry, swine, ruminant & aqua) application positions
- Training regional teams on best practice leveraging supplier and internal data 1
- Directing fundamental research with internal and 3rd party labs leading to protected IP

2016 - 2017 Lecturer for Digestive Physiology and Gastrointestinal Function, School of Biomedical Sciences, The University of Queensland

- Lecturing into Physiology for Human Movement Studies, Integrated Anatomy and Physiology and Systems Physiology
- Preparing lecture & exam content and moderation

2015 - 2016 Post-Doctoral Research Fellow, Queensland Alliance for Agriculture and Food Innovation, The Centre for Nutrition and Food Sciences, The University of Queensland

- Determining the health benefits of sugar cane fibre concerning Gastro Oesophageal Reflux Disease (GORD).
- Performing research and publishing experimental findings

2013 - 2015 Lecturer, Faculty of Health Sciences, School of Science, The Australian Catholic University

- Course Coordinator and lecturer for Anatomical Foundations of Exercise Science.
- Lecturing into Human Biological Science, Nutrition and Exercise & Chemistry

Education

2022 – 222 Y Combinator S22

2015 – 2016 Graduate Certificate in Higher Education
Learning and Teaching Centre, The Australian Catholic University

2011 – 2015 PhD in Food Science and Biotechnology
Queensland Alliance for Agriculture and Food Innovation
Centre for Nutrition and Food Sciences, The University of Queensland

2009 – 2010 Bachelor of Applied Science in Food Science and Nutrition,
Honours Class 1, The University of Queensland

2007 – 2009 Bachelor of Science, Major in Biomedicine, The University of Queensland

Selected Publications

* Full list can be provided upon request

Pluschke, A. M., Low, D. Y., Gerrits, W. J., Zhang, D., Shelat, K. J., Gidley, M. J., & Williams, B. A. (2020) Cereal dietary fibres influence retention time of digesta solid and liquid phases along the gastrointestinal tract. *Food Hydrocolloids*

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Pluschke, A.M., Feng, G., Williams, B.A. and Gidley, M.J., (2019) Partial replacement of meat by a sucrose removed sugar cane fibre: Effect on the cooking characteristics and sensory properties of beef burgers. *The International Journal of Food Science and Technology*

Pluschke, A.M., Williams, B.A., Roura, R., Anderson, S.T., and Gidley, M.J., (2018) Soluble dietary fibres arabinoxylan and beta-glucan reduces postprandial GIP response in pigs *PLOS One*

Pluschke, A.M., Williams, B.A. Zhang, D. and Gidley, M.J., (2018) Dietary pectin and mango pulp effects on small intestinal enzyme activity levels and macronutrient digestion in grower pigs. *Food and Function*

Pluschke, A.M., Jochems, P.G.M., Williams, B.A., Gidley, M.J., (2017) Protection of α -amylase from proteolysis by absorption to feed components in vitro and in porcine small intestine. *Animal Production Science*

Pluschke, A.M., Simmons, G.S., Keates, H.L., Cameron, R.D.A., Zhang, D., Wright, J.D. Williams, B.A. (2016) An updated method for the jugular catheterization of grower pigs for repeated blood sampling following an oral glucose tolerance test. *Journal of Laboratory Animals*

Pluschke, A.M., Gilbert, M.S., Williams, B.A., Gidley, M.J., Schols, H.A., Borne, J.V. and Gerrits, W.J.J. (2016) The effects of replacing lactose for starch on protein and fat digestion in milk-fed calves. *Animal*

Selected Awards & Grants

2023 Falling Walls Venture Finalist

2022 – Y Combinator S22 Technology Startup Accelerator

2022 EXIST-Gründungsstipendium

2018 AgreeSkills+ Fellowship, AgroParisTech, Paris, France, (offered but declined)

2016 French Agronomic Research Institution (INRA), Young Research Scientist Competition, Human Nutrition and Metabolism, Finalist

2015 Scholarship for Graduate Certificate of Higher Education Australian Catholic University

2015 Entrepreneurs' Programme Research Connections grant, KFSU Ltd

2015 Malcolm Bird Award, The Australian Institute of Food Science and Technology, Finalist

2014 Post Graduate Research Seminar, The Australian Institute of Food Science and Technology, Finalist

2014 FameLab Queensland State Finals, Global Change Institute, University of Queensland, State Finalist Queensland

2013 QAAFI Three Minute Thesis (3MT), University of Queensland, Winner and People's Choice

2012 Research Fellowship, Wageningen University and International Livestock Research Institute,
The Netherlands,

2011-2015 PhD Top-Up Scholarship for Academic Excellence

2011-2015 Australian Post Graduate Award Scholarship

Language Capabilities

- English (native tongue)
- French (full working proficiency)
- German (intermediate)

