

Nicholas Alexander Tenci

86 Hugh Allen Crescent, Oxford, OX3 0HN, United Kingdom, (+44) 077 369 44219,
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Qualifications:

University of Oxford, Oxford, United Kingdom

DPhil in Engineering Science (Expected graduation: January 2024) (2020 - Present)

Current thesis title: Alternative pathways for agricultural waste valorization: an economic and metabolic argument for a new digestion paradigm

University of Otago, Dunedin, New Zealand

Bachelor of Science with Honours (First class) in Biochemistry (2017)

Honours Thesis: The PscF chemoreceptor of *Pseudomonas syringae* pv. *actinidiae*:
biophysical and structural characterization

Honours GPA: 9/9

University of Otago, Dunedin, New Zealand

Bachelor of Science (Major subject: Biochemistry, Minor subject: German) (2016)

Bachelor of Commerce (Major subject: Finance) (2016)

Cumulative undergraduate GPA: 7.5/9

Università Commerciale Luigi Bocconi, Milan, Italy

Undergraduate exchange (Finance) (2014 - 15)

GPA: 29/30

Awards and Honours

Edson Prize in Biochemistry (2017)

- Awarded annually to the top student in the Biochemistry Honours class

Austrian Literature Prize (2016)

- Awarded annually for the best academic essay on a work of Austrian literature

Summer Research Scholarship (2016)

- Competitive research grant to support a student undertaking independent research in the biological and health sciences

Westpac Travelling Scholarship (2014)

- Awarded by Westpac Bank and the Otago Business School to support a commerce student to study at a foreign university

Dean's List of the Otago Business School (2013)

- Awarded by the Otago Business School to the top commerce students as ranked by GPA

Research Experience

The Rockefeller University, New York, NY, USA

Research Assistant – Supervisor: Prof. Alipasha Vaziri, Laboratory of Neurotechnology and Biophysics – Project: Synthetic biology approaches for manipulation of tissue optical properties (2018 - 20)

University of Otago, Dunedin, New Zealand

Assistant Research Fellow – Supervisor: Prof. Kurt Krause – Project: Mycobacterial glutamate racemases as targets for antibiotic drug discovery (2018)

Assistant Research Fellow – Supervisor: Prof. Sally McCormick – Project: Metabolic insights into the pharmacokinetics of sodium-4-phenylbutyrate (2018)

Honours Research Project – Supervisor: Dr. Monica Gerth – Laboratory for Enzyme Engineering and Evolution (2017)

Summer Studentship – Supervisor: Dr. Monica Gerth – Laboratory for Enzyme Engineering and Evolution (2016 - 17)

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Leadership Experience

Finance Officer – Otago University Students' Association (2013 - 14)

- Elected board position managing an organization with ~3,000,000 NZD in annual revenues and investments of ~10,000,000 NZD.
- Oversaw welfare and student support services for a student body of ~21,000 students
- Organized student induction services and “Orientation Week” events for new students.

Languages

- English (mother tongue)
- Italian (fluent)
- German (fluent)

Conferences attended

New Zealand Microbiological Society / New Zealand Society for Biochemistry and Molecular Biology Conference, Christchurch, New Zealand (2016)

Publications

Oulavallickal, T., Brewster, J. L., McKellar, J. L., Fairhurst, M. J., **Tenci, N. A.**, & Gerth, M. L. (2017) The *Pseudomonas syringae* pv. *actinidiae* chemoreceptor protein F (PscF) periplasmic sensor domain: cloning, purification, and X-ray crystallographic analysis. *Acta Crystallographica Section F: Structural Biology Communications*, 73(12).