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Qualifications

1992	PhD (Biochemistry)	School of Chemical Sciences University of East Anglia, Norwich, UK
1992	Chartered Chemist	Royal Society of Chemistry, UK
1988	BSc (Hons) 1st class (Chemistry)	Department of Pure and Applied Chemistry Kingston University, UK

Employment History

1990 - 1995	Biochemistry Department University of Zurich, Switzerland	Research Fellow / Teaching Assistant
1995 - 1997	Biochemistry Department University of Adelaide, Australia	Research Associate
1997 - 1998	Biochemistry Department University of Minnesota, USA	Senior Research Associate
1998 - 2000	CSIRO, Adelaide, Australia	Scientist
2000-2004	Human Physiology Department, Flinders University, Australia	Senior Research Officer / Lecturer
2005-current	School of Medical Science, Griffith University, Australia	Lecturer / Senior Lecturer Biochemistry, Neuroscience

PUBLICATIONS (FROM 2015; TOTAL 50 PUBLISHED)

- Valdinocci D, Grant GD, Dickson TC, **Pountney DL**. (2018) Epothilone D Inhibits Microglia-Mediated Spread of Alpha-Synuclein Aggregation, *Mol. Cell. Neurosci.*, 89:80-94. doi: 10.1016/j.mcn.2018.04.006.
- Vijayakumaran, **Pountney DL** (2018) SUMOylation, aging and autophagy in neurodegeneration, *Neurotoxicology*, 66:53-57.
- McLeary FA, Rcom-H'cheo-Gauthier, AN, Kinder, J, Khoo TK, Mellick, GD, Chung, RS, **Pountney, DL** (2018) Dexamethasone inhibits copper induced alpha-synuclein aggregation by a metallothionein-dependent mechanism, *Neurotox. Res.*, 33:229-238. doi.org/10.1007/s12640-017-9825-7.
- Blasco, EA, Santoro, A, **Pountney, DL**, Meloni, G, Hureau, C, Faller, P (2017) Chemistry of Mammalian Metallothioneins and their Interaction with Amyloidogenic Peptides and Proteins. *Chemical Society Reviews*, 46:7683-7693. DOI: 10.1039/c7cs00448f
- Okita Y, Rcom-H'cheo-Gauthier AN, Goulding M, Chung RS, Faller P, **Pountney DL**. (2017) Metallothionein, Copper and Alpha-Synuclein in Alpha-Synucleinopathies. *Front Neurosci.* 11:114.
- Rcom-H'cheo-Gauthier AN, Meedeniya ACB, **Pountney DL** (2017) Calcipotriol inhibits α -synuclein aggregation in SH-SY5Y neuroblastoma cells by a Calbindin-D28K-dependent mechanism. *J. Neurochem.* 141:263-274.
- Valdinocci D, Radford RA, Siow SM, Chung RS, **Pountney DL** (2017) Potential modes of intercellular alpha-synuclein transmission, *Int. J. Mol. Sci.*, 18(2). pii: E469.
- Rcom-H'cheo-Gauthier AN, Osborne SL, Meedeniya ACB, **Pountney DL** (2016) Calcium: Alpha-Synuclein Interactions in Alpha-Synucleinopathies. *Front Neurosci.*, 10:570.
- Rcom-H'cheo-Gauthier AN, Davis, A, Meedeniya ACB, **Pountney DL** (2016) Alpha-Synuclein aggregates are excluded from Calbindin-D28k-positive neurons in Dementia with Lewy bodies and a unilateral rotenone mouse model, *Mol.Cell.Neurosci.*, 77:65-75.
- Vieira BD, Radford RA, Chung RS, Guillemin GJ, **Pountney DL** (2015) Neuroinflammation in Multiple System Atrophy: Response to and Cause of α -Synuclein Aggregation. *Front Cell Neurosci.*, 9:437.
- Radford RA, Morsch M, Rayner SL, Cole NJ, **Pountney DL**, Chung RS. (2015) The established and emerging roles of astrocytes and microglia in amyotrophic lateral sclerosis and frontotemporal dementia. *Front Cell Neurosci.*, 9:414.
- Vijayakumaran, S, Wong, MB, Antony H, **Pountney DL** (2015) Direct and/or indirect involvement of SUMO-1 in alpha-synuclein toxicity, *Biomolecules*, 5:1697-716.
- Radford R, Rcom-H'cheo-Gauthier A, Wong MB, Eaton ED, Quilty M, Blizzard C, Norazit A, Meedeniya A, Vickers JC, Gai WP, Guillemin GJ, , West AK, Dickson TC, Chung R and **Pountney DL** (2015) The degree of astrocyte activation in multiple system atrophy is inversely proportional to the distance to alpha-synuclein inclusions, *Mol. Cell. Neurosci.*, 65:68-81.