**Template for Lab Website (Ryten Lab)**

SECTION A

Personal details:

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| I | Title: | MA BMBCh MRCP |
| II | Position: | PhD Student |
| III | Surname: | Chen |
| III | Firstname: | Zhongbo |
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SECTION B

Contact details:

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| --- | --- | --- |
| II | Email: | zhongbo.chen@ucl.ac.uk |
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SECTION C

Research Interests:

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| Genetics; Neurodegenerative diseases; Clinical Neurology; Bioinformatics |

SECTION D

Biography:

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| Zhongbo is a first-year PhD student and clinical research fellow on the Leonard Wolfson Programme at UCL. She is excited to be on her first rotation in the Ryten Lab.  Zhongbo qualified as a doctor in 2010. Before embarking on the PhD, she was a specialist registrar in Neurology working at the National Hospital for Neurology and Neurosurgery. Zhongbo’s clinical and academic research interests are in studying the underlying genetics and molecular mechanisms of neurodegenerative diseases, including amyotrophic lateral sclerosis and progressive supranuclear palsy.  Zhongbo’s research interests started during her undergraduate degree in Physiology and Neuroscience at the University of Cambridge, where she studied the electrophysiology of skeletal muscle using microelectrodes for her final year project She completed her clinical medicine degree at the University of Oxford. After graduating from Oxford, Zhongbo was awarded an academic foundation post at Imperial College London investigating the epidemiology of stroke, which was followed by a three-year NIHR-funded academic clinical fellowship (ACF) in Neurology at King’s College London. Alongside clinical neurology training, she developed her interests in the genetics of neurodegenerative diseases during the ACF, which culminated in the award of the Leonard Wolfson PhD fellowship. |

SECTION F

List of publications:

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| Chen, J. A., **Chen, Z**., Won, H., Huang, A. Y., Lowe, J. K., Wojta, K., . . . Coppola, G. (2018). [**Joint genome-wide association study of progressive supranuclear palsy identifies novel susceptibility loci and genetic correlation to neurodegenerative diseases**](http://iris.ucl.ac.uk/iris/publication/1594027/1). *Mol Neurodegener, 13 (1)*, 41. doi:10.1186/s13024-018-0270-8  **Chen, Z**., Lin, K., Macklis, J. D., & Al-Chalabi, A. (2017). [**Proposed association between the hexanucleotide repeat of C9orf72 and opposability index of the thumb**](http://iris.ucl.ac.uk/iris/publication/1594028/1). *Amyotroph Lateral Scler Frontotemporal Degener, 18 (3-4)*, 175-181. doi:10.1080/21678421.2016.1257024  Gaastra, B., Shatunov, A., Pulit, S., Jones, A. R., Sproviero, W., Gillett, A., **Chen, Z**., . . . Al-Chalabi, A. (2016). [**Rare genetic variation in UNC13A may modify survival in amyotrophic lateral sclerosis**](http://iris.ucl.ac.uk/iris/publication/1594030/1). *Amyotroph Lateral Scler Frontotemporal Degener, 17 (7-8)*, 593-599. doi:10.1080/21678421.2016.1213852  Rutter-Locher, Z.\*, **Chen, Z.\*** (\*joint first author), Flores, L., Basu, T., Creamer, D., Weeks, R., . . . Nashef, L. (2016). [**Sneddon's syndrome: it is all in the ectoderm**](http://iris.ucl.ac.uk/iris/publication/1594029/2). *Pract Neurol, 16 (4)*, 300-303. doi:10.1136/practneurol-2015-001341  **Chen, Z.,** Shatunov, A., Bensimon, G., Payan, C., Ludolph, A., Leigh, N., . . . Al-Chalabi, A. (2015). [**A genome-wide association study in progressive supranuclear palsy**](http://iris.ucl.ac.uk/iris/publication/1594036/13). *Journal of Neurology, Neurosurgery & Psychiatry, 86 (11)*, e4.68-e4. doi:10.1136/jnnp-2015-312379.16  **Chen, Z.,** Lin, K., Shatunov, A., Jones, A., & Al-Chalabi, A. (2015). [**Gene set enrichment analysis in amyotrophic lateral sclerosis**](http://iris.ucl.ac.uk/iris/publication/1594037/13). *Journal of Neurology, Neurosurgery & Psychiatry, 86 (11)*, e4.57-e4. doi:10.1136/jnnp-2015-312379.15  **Chen, Z.** (2013). [**Maximising opportunities in the academic foundation programme**](http://iris.ucl.ac.uk/iris/publication/1594297/13). *BMJ*, f3461. doi:10.1136/bmj.f3461  Sohaib, S. M. A., **Chen, Z.,** Whinnett, Z. I., Bouri, S., Dickstein, K., Linde, C., . . . Francis, D. P. (2013). [**Meta-analysis of symptomatic response attributable to the pacing component of cardiac resynchronization therapy**](http://iris.ucl.ac.uk/iris/publication/1489013/3). *EUROPEAN JOURNAL OF HEART FAILURE, 15 (12)*, 1419-1428. doi:10.1093/eurjhf/hft139  **Chen, Z**., & Jones, H. (2012). [**A case of tricuspid regurgitation and congestive cardiac failure presenting with orbital pulsation**](http://iris.ucl.ac.uk/iris/publication/1594031/2). *JRSM Cardiovasc Dis, 1 (1)*. doi:10.1258/cvd.2012.012005  **Chen, Z**., Pandit, H., Taylor, A., Gill, H., Murray, D., & Ostlere, S. (2011). [**Metal-on-metal hip resurfacings-a radiological perspective**](http://iris.ucl.ac.uk/iris/publication/1594032/3). *EUROPEAN RADIOLOGY, 21 (3)*, 485-491. doi:10.1007/s00330-010-1946-9  **Chen, Z**., & Turner, M. R. (2010). [**The internet for self-diagnosis and prognostication in ALS**](http://iris.ucl.ac.uk/iris/publication/1594033/3). *Amyotrophic Lateral Sclerosis, 11 (6)*, 565-567. doi:10.3109/17482968.2010.513054  **Chen, Z.,** Hothi, S. S., Xu, W., & Huang, C. L. -. H. (2007). [**Conduction velocities in amphibian skeletal muscle fibres exposed to hyperosmotic extracellular solutions**](http://iris.ucl.ac.uk/iris/publication/1594034/3). *Journal of Muscle Research and Cell Motility, 28 (4-5)*, 195-202. doi:10.1007/s10974-007-9115-8 |

SECTION G

photograph:

