

## DR LIN KOOI ONG

Address: Building 2, Level 5, Room 32  
Monash University Malaysia  
Jalan Lagoon Selatan,  
47500 Bandar Sunway, Selangor, Malaysia  
Phone: +6 03 5515 9750  
Email:

### Education

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2008 – 2012 **Doctor of Philosophy in Medical Biochemistry**  
The University of Newcastle, Australia  
Awarded on 26 July 2012  
2007 – 2008 **Bachelor of Biomedical Science (Honours)**  
The University of Newcastle, Australia  
2004 – 2007 **Bachelor of Biomedical Science**  
The University of Newcastle, Australia

### Academic/Research Experience and Employments

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May 2019 – Current **Lecturer (Basic Physiology)**  
**Group Leader, Translational Neurorecovery Laboratory**  
School of Pharmacy, Monash University, Malaysia

Mar 2019 – Current **Conjoint Fellow**  
Jan 2019 – Feb 2019 **Senior Research Fellow**  
Apr 2015 – Dec 2018 **Post-Doctoral Research Fellow**  
School of Biomedical Sciences and Pharmacy and the Priority  
Research Centre for Stroke and Brain Injury, The University of  
Newcastle, Australia  
Hunter Medical Research Institute, Australia  
NHMRC Centre of Research Excellence Stroke Rehabilitation and  
Brain Recovery, Australia

Mar 2012 – Dec 2014 **Research Associate**  
School of Biomedical Sciences and Pharmacy, The University of  
Newcastle, Australia

2018 **Casual Lecturer** for Experimental Design and Laboratory Skills in  
Medical Research (HUBS2407)  
2017 & 2014 **Primary Supervisor** for Project in Biomedical Science  
(HUBS3409)  
2014 **Casual Lecturer & Head Lab Demonstrator** for Human  
Biochemistry and Cell Biology (HUBS2206)  
2008 – 2014 **Lab Demonstrator** for Musculoskeletal Anatomy (HUBS1105,  
MEDI1015 and MEDI3018) and Neuroscience (HUBS3402)  
2008 – 2013 **Lab Demonstrator** for Human Biochemistry and Cell Biology  
(HUBS2205) and Human Molecular Science (HUBS3206)  
2010 – 2011 **Tutor** for Human Bioscience (HUBS1401)  
School of Biomedical Sciences and Pharmacy, The University of  
Newcastle, Australia

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**CURRICULUM VITAE**

- 2008 – 2012                      **PhD in Medical biochemistry**  
The University of Newcastle, Australia  
Thesis: *Neurobiological consequences of stress: Tyrosine hydroxylase phosphorylation in response to stress.*  
Supervisors: *E/Prof Peter R Dunkley, A/Prof Phillip W Dickson and Dr Larisa Bobrovskaya*
- 2007 – 2008                      **Bachelor of Biomedical Science (Honours)**  
The University of Newcastle, Australia  
Thesis: *A novel mechanism for the maintenance of catecholamine synthesis.*  
Supervisors: *E/Prof Peter R Dunkley and A/Prof Phillip W Dickson*
- 2004 – 2007                      **Bachelor of Biomedical Science**  
The University of Newcastle, Australia  
Final Year Project: *Cross-reactivity of CSL brown snake and tiger snake antivenoms.*
- 2006 – 2007                      **Technical Assistant**  
The University of Newcastle, Australia

**Professional Development**

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- 2019    **Foundations for Effective Teaching**, Monash University Malaysia Education Excellence  
**Essentials Skills in Active Facilitation of Active Learning**, Monash University  
Malaysia Education Excellence  
**Graduate Research Supervision at Monash**, Monash University
- 2018    **Venepuncture (Evacuated Blood Collection and Collection Butterfly Evacuation Method)**, RMIT University  
**Grant Development Workshop and Impactful CV Workshop**, Centre for Research Excellence in Stroke Recovery and Rehabilitation
- 2017    **First Aid and Cardiopulmonary Resuscitation**, Business Wise First Aid Training  
**Develop a Research Track Record on a Shoestring**, Dr Maria Gardiner, Thinkwell
- 2016    **Responsibility Care and Use of Laboratory Animal Course**, SingHealth Experimental Medicine Centre, Singapore
- 2014    **Turbocharge Your Writing and Publishing, The Strategic Researcher and Planning Your Research Career**, Dr Maria Gardiner, Thinkwell,  
**The Hunter Parkinson's Disease Master Class**, Hunter Postgraduate Medical Institute endorsed by the International Parkinson and Movement Disorder Society  
**Radiation Safety Unlicensed Users of X-ray Equipment**, Bartolo Safety Management Service
- 2013    **Forebrain Anatomy Workshop**, Prof Charles Watson, Neuroscience Research Australia
- 2011    10<sup>th</sup> ISN Advance School of Neurochemistry on “**Molecular Basis of Higher Cognitive Functions**”, the International Society for Neurochemistry, European Cultural Centre of Delphi, Greece
- 2010    ISN/APS/N/TNS/IBRO School on “**Drug Addiction**”, Center of Neuroscience, Faculty of Medicine, Mahidol University, Thailand
- 2009    **Academic Pathways**, the Centre for Teaching and Learning, The University of Newcastle
- 2008    **Research Animal Training Scheme**, The University of Newcastle

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## CURRICULUM VITAE

### Research Identifier

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ORCID: <http://orcid.org/0000-0001-8664-0540>

G Scholar: <https://scholar.google.com.au/citations?user=22mhVrb-rYkC&hl&hl=en>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=56033871000>

Website: <https://www.monash.edu.my/pharmacy/about/academic-staff/dr.-ong-lin-kooi>

### Research Outputs

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Career Publications: 37

Publications in last five years: 26

First author publications: 12

Senior/corresponding publications: 6

Book chapter: 1

Conference abstracts: >25

Science communication articles: >10

Career Citations: >560 (Google Scholar)

Career Funding: >AUD350K

Honours and Awards: 11

### Refereed Journal Articles

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1. Sanchez-Bezanilla, S., Aberg, N. D., Crock, P., Walker, F. R., Nilsson, M., Isgaard, J., & **Ong, L. K.** (2020) Growth Hormone Treatment Promotes Remote Hippocampal Plasticity after Experimental Cortical Stroke. *Int J Mol Sci*, 21(12), 4563.
2. Sanchez-Bezanilla, S., Aberg, N. D., Crock, P., Walker, F. R., Nilsson, M., Isgaard, J., & **Ong, L. K.** (2020) Growth Hormone Promotes Motor Function after Experimental Stroke and Enhances Recovery-Promoting Mechanisms within the Peri-Infarct Area. *Int J Mol Sci*, 21(2), 606.
3. Gyawali, P., Chow, W. Z., Hinwood, M., Kluge, M. G., English, C., **Ong, L. K.**, Nilsson, M., & Walker, F. R. Opposing associations of stress and resilience with functional outcomes in stroke survivors in the chronic phase of stroke: a cross-sectional study. *Front Neurol*. 11,230.
4. Sanchez Bezanilla, S., TeBay, C., Nilsson, M., Walker, F. R., & **Ong, L. K.** (2019) Visual discrimination impairment after experimental stroke is associated with disturbances in the polarization of the astrocytic aquaporin-4 and increased accumulation of neurotoxic proteins. *Exp Neurol*, 318, 232-243.
5. Sanchez Bezanilla, S., Nilsson, M., Walker, F. R., & **Ong, L. K.** (2019) Can we use 2, 3, 5-triphenyltetrazolium chloride stained brain 1 slices for other purposes? The application of western blotting. *Front Mol Neurosci*, 12, 181.
6. Pietrogrande, G., Zalewska, K., Zhao, Z., Abdolhoseini, M., Chow, W. Z., Sanchez Bezanilla, S., **Ong, L. K.**, Johnson, S. J., Nilsson, M., & Walker, F. R. (2019) Low oxygen post conditioning prevents thalamic secondary neuronal loss caused by excitotoxicity after cortical stroke. *Sci Rep*, 9(1), 4841.
7. Kluge, M. G., Abdolhoseini, M., Zalewska, K., **Ong, L. K.**, Johnson, S. J., Nilsson, M., & Walker, F. R. (2019). Spatiotemporal analysis of impaired microglia process movement at sites of secondary neurodegeneration post-stroke. *J Cereb Blood Flow Metab*. 39(12), 2456-2470.

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8. **Ong, L. K.**, Chow, W. Z., TeBay, C., Kluge, M., Pietrogrande, G., Zalewska, K., Crock, P., Åberg, N. D., Bivard, A., Johnson, S. J., Walker, F. R., Nilsson, M., & Isgaard, J. (2018). Growth hormone improves cognitive function after experimental stroke. *Stroke*, 49(5), 1257-1266.
9. Lillicrap, T., Garcia-Esperon, C., Walker, F. R., **Ong, L. K.**, Nilsson, M., Spratt, N., Levi, C., Parsons, M., Isgaard, J., & Bivard, A. (2018). Growth hormone deficiency is frequent after recent stroke. *Front Neurol*, 9, 713.
10. Zalewska, K., Pietrogrande, G., **Ong, L. K.**, Abdolhoseini, M., Kluge, M., Johnson, S. J., Walker, F. R. & Nilsson, M. (2018). Sustained administration of corticosterone at stress-like levels after stroke suppressed glial reactivity at sites of thalamic secondary neurodegeneration. *Brain Behav Immun*, 69, 210-222.
11. Sominsky, L., **Ong, L. K.**, Ziko, I., Dickson, P. W. & Spencer, S. J. (2018). Neonatal overfeeding increases capacity for catecholamine biosynthesis from the adrenal gland acutely and long-term in the male rat. *Mol Cell Endocrinol*, 470, 295-303.
12. Kluge, M. G., Jones, K., **Ong, L. K.**, Gowing, E. K., Nilsson, M., Clarkson, A. N., & Walker, F. R. (2018). Age dependent disturbances of neuronal and glial protein expression profiles in areas of secondary neurodegeneration post-stroke. *Neuroscience*, 393, 185-195.
13. English, C., Janssen, H., Crowfoot, G., Callister, R., Dunn, A., Mackie, P., Oldmeadow, C., **Ong, L. K.**, Palazzi, K., Patterson, A., Spratt, N. J., Walker, F. R., Bernhardt, J., & Dunstan, D. W. (2018). Breaking Up Sitting Time after Stroke (BUST-Stroke). *Int J Stroke*, 13, 921-931.
14. English, C., Janssen, H., Crowfoot, G., Bourne, J., Callister, R., Dunn, A., Oldmeadow, C., **Ong, L. K.**, Palazzi, K., Patterson, A., Spratt, N. J., Walker, F. R., Dunstan, D. W., & Bernhardt, J. (2018). Frequent, short bouts of light-intensity exercises while standing decreases systolic blood pressure: BUST-Stroke trial. *Int J Stroke*, 13, 932-940.
15. **Ong, L. K.**, Zhao, Z., Kluge, M., Walker, F. R., & Nilsson, M. (2017). Chronic stress exposure following photothrombotic stroke is associated with increased levels of Amyloid beta accumulation and altered oligomerisation at sites of thalamic secondary neurodegeneration in mice. *J Cereb Blood Flow Metab*, 37(4), 1338-1348.
16. **Ong, L. K.**, Walker, F. R., & Nilsson, M. (2017). Is Stroke a Neurodegenerative Condition? A Critical Review of Secondary Neurodegeneration and Amyloid-beta Accumulation after Stroke. *AIMS Medical Science*, 4(1), 1-16.
17. Zhao, Z., **Ong, L. K.**, Johnson, S., Nilsson, M., & Walker, F. R. (2017). Chronic stress induced disruption of the peri-infarct neurovascular unit following experimentally induced photothrombotic stroke. *J Cereb Blood Flow Metab*, 37(12), 3709-3724.
18. Zalewska, K., **Ong, L. K.**, Johnson, S. J., Nilsson, M., & Walker, F. R. (2017). Oral administration of corticosterone at stress-like levels drives microglial but not vascular disturbances post-stroke. *Neuroscience*, 352, 30-38.

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19. Kluge, M. G., Kracht, L., Abdolhoseini, M., **Ong, L. K.**, Johnson, S. J., Nilsson, M., & Walker, F. R. (2017). Impaired microglia process dynamics post-stroke are specific to sites of secondary neurodegeneration. *Glia*, 65(12): 1885-1899.
20. **Ong, L. K.**, Zhao, Z., Kluge, M., TeBay, C., Zalewska, K., Dickson, P. W., Johnson, S., Nilsson, M., & Walker, F. R. (2017). Reconsidering the role of glial cells in chronic stress-induced dopaminergic neurons loss within the substantia nigra? Friend or foe? *Brain Behav Immun*, 60, 117-125.
21. **Ong, L. K.**, Nilsson, M., & Walker, F. R. (2017). Authors' response re: "Reconsidering the role of glial cells in chronic stress-induced dopaminergic neurons loss within the substantia nigra? Friend of foe?" by Ong et al. *Brain Behavior and Immunity*, 2016. *Brain Behav Immun*, 60, 384.
22. **Ong, L. K.**, Page, S., Briggs, G. D., Guan, L., Dun, M. D., Verrills, N. M., Dunkley, P. R., & Dickson, P. W. (2017). Peripheral Lipopolysaccharide Challenge Induces Long-Term Changes in Tyrosine Hydroxylase Regulation in the Adrenal Medulla. *J Cell Biochem*, 118(8), 2096-2107.
23. **Ong, L. K.**, Fuller, E. A., Sominsky, L., Hodgson, D. M., Dunkley, P. R., & Dickson, P. W. (2017). Early life peripheral lipopolysaccharide challenge reprograms catecholaminergic neurons. *Sci Rep*, 7, 40475.
24. Peres, T. V., **Ong, L. K.**, Costa, A. P., Eyng, H., Venske, D. K., Colle, D., Goncalves, F. M., Lopes, M. W., Farina, M., Aschner, M., Dickson, P. W., Dunkley, P. R., & Leal, R. B. (2016). Tyrosine hydroxylase regulation in adult rat striatum following short-term neonatal exposure to manganese. *Metallomics*, 8(6), 597-604.
25. James, M. H., Quinn, R. K., **Ong, L. K.**, Levi, E. M., Smith, D. W., Dickson, P. W., & Dayas, C. V. (2016). Rapamycin reduces motivated responding for cocaine and alters GluA1 expression in the ventral but not dorsal striatum. *Eur J Pharmacol*, 784, 147-154.
26. **Ong, L. K.**, Guan, L., Damanhuri, H., Goodchild, A. K., Bobrovskaya, L., Dickson, P. W., & Dunkley, P. R. (2014). Neurobiological consequences of acute footshock stress: effects on tyrosine hydroxylase phosphorylation and activation in the rat brain and adrenal medulla. *J Neurochem*, 128(4), 547-560.
27. James, M. H., Quinn, R. K., **Ong, L. K.**, Levi, E. M., Charnley, J. L., Smith, D. W., Dickson, P. W., & Dayas, C. V. (2014). mTORC1 inhibition in the nucleus accumbens 'protects' against the expression of drug seeking and 'relapse' and is associated with reductions in GluA1 AMPAR and CAMKIIalpha levels. *Neuropsychopharmacology*, 39(7), 1694-1702.
28. Sominsky, L., Fuller, E. A., Bondarenko, E., **Ong, L. K.**, Averell, L., Nalivaiko, E., Dunkley, P. R., Dickson, P. W., & Hodgson, D. M. (2013). Functional programming of the autonomic nervous system by early life immune exposure: implications for anxiety. *PLoS One*, 8(3), e57700.
29. Bobrovskaya, L., Maniam, J., **Ong, L. K.**, Dunkley, P. R., & Morris, M. J. (2013). Early life stress and post-weaning high fat diet alter tyrosine hydroxylase regulation and AT1 receptor expression in the adrenal gland in a sex dependent manner. *Neurochem Res*, 38(4), 826-833.

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30. **Ong, L. K.**, Sominsky, L., Dickson, P. W., Hodgson, D. M., & Dunkley, P. R. (2012). The sustained phase of tyrosine hydroxylase activation in vivo. *Neurochem Res*, 37(9), 1938-1943.
31. Damanhuri, H. A., Burke, P. G., **Ong, L. K.**, Bobrovskaya, L., Dickson, P. W., Dunkley, P. R., & Goodchild, A. K. (2012). Tyrosine hydroxylase phosphorylation in catecholaminergic brain regions: a marker of activation following acute hypotension and glucoprivation. *PLoS One*, 7(11), e50535.
32. Sominsky, L., Walker, A. K., **Ong, L. K.**, Tynan, R. J., Walker, F. R., & Hodgson, D. M. (2012). Increased microglial activation in the rat brain following neonatal exposure to a bacterial mimetic. *Behav Brain Res*, 226(1), 351-356.
33. **Ong, L. K.**, Guan, L., Stutz, B., Dickson, P. W., Dunkley, P. R., & Bobrovskaya, L. (2011). The effects of footshock and immobilization stress on tyrosine hydroxylase phosphorylation in the rat locus coeruleus and adrenal gland. *Neuroscience*, 192, 20-27.
34. **Ong, L. K.**, Bobrovskaya, L., Walker, F. R., Day, T. A., Dickson, P. W., & Dunkley, P. R. (2011). The effect of social defeat on tyrosine hydroxylase phosphorylation in the rat brain and adrenal gland. *Neurochem Res*, 36(1), 27-33.
35. Wynne, O., Horvat, J. C., Kim, R. Y., **Ong, L. K.**, Smith, R., Hansbro, P. M., Clifton, V. L., & Hodgson, D. M. (2011). Neonatal respiratory infection and adult re-infection: effect on glucocorticoid and mineralocorticoid receptors in the hippocampus in BALB/c mice. *Brain Behav Immun*, 25(6), 1214-1222.
36. Bobrovskaya, L., Damanhuri, H. A., **Ong, L. K.**, Schneider, J. J., Dickson, P. W., Dunkley, P. R., & Goodchild, A. K. (2010). Signal transduction pathways and tyrosine hydroxylase regulation in the adrenal medulla following glucoprivation: an in vivo analysis. *Neurochem Int*, 57(2), 162-167.
37. O'Leary, M. A., Schneider, J. J., Krishnan, B. P., Lavis, C., McKendry, A., **Ong, L. K.**, & Isbister, G. K. (2007). Cross-neutralisation of Australian brown and tiger snake venoms with commercial antivenoms: Cross-reactivity or antivenom mixtures? *Toxicon*, 50(2), 206-213.

**Book Chapter**

1. Walker, F. R., **Ong, L. K.**, Nilsson, M. (2016) Chronic Stress-induced Changes in Microglia in Determining Vulnerability to Mood Disorders, PRIMER OF PSYCHONEUROIMMUNOLOGY RESEARCH, PsychoNeuroImmunology Research Society, Los Angeles, CA 119-124.

**Preprint Articles**

1. Zhao, Z., **Ong, L. K.**, Pietrogrande, G., Sanchez Bezanilla, S., Warren, K., Ilicic, M., Kluge, M., TeBay, C., Ottersen, O., Johnson, S., Nilsson, M., & Walker, F. R. (2018) Low oxygen post conditioning improves stroke-induced cognitive impairment. *bioRxiv*. doi: <https://doi.org/10.1101/483453>

**DR LIN KOOI ONG**  
**CURRICULUM VITAE**

**Professional Leadership**

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2020 – Current	<b>Animal Ethics Committee</b> – Monash University Malaysia
2020 – Current	<b>School Research Committee</b> – School of Pharmacy, Monash University Malaysia
2019 – Current	Neuropharmacology Research Strength, Monash University Malaysia
2019 & 2020	<b>Grant Review Panel</b> – NHMRC Ideas Grant
2018	<b>Grant Assessment Panel</b> – HMRI Project Grant
2018 – Current	<b>Editorial Board</b> – <i>Neuroscience Research Notes</i>
2017 – Current	<b>Review Editor</b> – <i>Frontiers in Neuroendocrine Science</i>
2017 – Current	<b>Future Leader</b> – NHMRC Centre for Research Excellence in Stroke Recovery and Rehabilitation
2017 – Current	<b>Higher Degree Research Confirmation Committee</b> The University of Newcastle, Australia Sunway University, Malaysia
2016 – 2018	<b>Early Career Researcher representative</b> – School of Biomedical Sciences and Pharmacy Research Committee
2016 & 2018	<b>External Assessor</b> – NHMRC Project Grant (2016 & 2018)
2015 – 2016	<b>Deputy Convenor, Newcastle</b> – Australian Society for Medical Research

**Other Professional Roles**

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2016 – 2018      **Safety Warden**, Hunter Medical Research Institute

**Member** – Australasian Neuroscience Society, Brain Foundation, Australian Society for Medical Research, International Society for Neurochemistry, Asian Pacific Society for Neurochemistry, Malaysian Society of Neurosciences

**Invited Reviewer** – *Biological Psychiatry, Brain, Behaviour and Immunity, Scientific Report, Molecular Neurobiology, Journal of Neurochemistry, International Journal of Stroke, Clinical and Experimental Pharmacology and Physiology, CNS Drugs, Neurochemistry International, Journal of Neuroinflammation, Animal Cognition*

**Student supervision**

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Chow Wei Zhen (PhD, commence July 2016) – **Co-Supervisor**

Research Title: *Investigation of cognition after stroke – A translational approach.*

Sonia Sánchez Bezanilla (PhD, commence April 2017) – **Principal Supervisor**

Research Title: *Functional deficits after stroke: The key underlying mechanisms and the therapeutic potential of growth hormone.*

Ken Fong Chen (PhD, commence Jan 2020) – **Co-Supervisor**

Research Title: *Understanding the mechanism of infection of the *Macrobrachium rosenbergi* nodavirus*

Scott Page (2014) and Clifford TeBay (2017) – **Principal Supervisor**

Project in Biomedical Science, Bachelor of Biomedical Science

**DR LIN KOOI ONG**  
**CURRICULUM VITAE**

**Oral presentations/Invited talks**

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**2020** Journal Club, Neuropharmacology Research Strength, Monash University Malaysia, title: *“Modulating the trajectory of stroke recovery from bench to bedside.”*

**2019** 39<sup>th</sup> Annual Scientific Meeting of the Australasian Neuroscience Society, Adelaide, title: *“Growth hormone in experimental stroke: From motor improvement to neurogenesis and beyond.”*

**2018** Stroke 2018, Stroke Rehabilitation workshop, Sydney, title: *“Current pre-clinical studies in post-stroke stress and cognitive impairment.”*

International Leaders in Neuroscience Seminar, Queensland Brain Institute, title: *“Modulating the trajectory of brain recovery after stroke from bench to bedside.”*

School Seminar, School of Biomedical Sciences and Pharmacy, University of Newcastle, title: *“Modulating the trajectory of post-stroke cognitive impairment from bench to bedside.”*

**2017** 37<sup>th</sup> Annual Scientific Meeting of the Australasian Neuroscience Society, Sydney, title: *“Somatotropin (growth hormone) as neurorestorative therapy after stroke.”*

Invited seminars at University of Malaya, National University of Malaysia, and Universiti Putra Malaysia, title: *“Modulating the trajectory of brain recovery after stroke.”*

Invited lecture at Taylor’s University, Malaysia, title: *“The 21<sup>st</sup> century health problem – Stress.”*

The Australian Society for Medical Research Satellite Scientific Meeting, HMRI, title: *“Modulating the trajectory of brain recovery after stroke.”*

**2016** Asia Pacific Stroke Conference, Rehabilitation Workshop, Brisbane, title: *“Clinical and preclinical studies evaluating the effects of stress on stroke recovery.”*

The Australian Society for Medical Research Satellite Scientific Meeting, HMRI, title: *“Neurobiology of stroke-induced secondary neurodegeneration.”*

**2015** The Centre for Drug Research, Universiti Sains Malaysia, Pulau Pinang, title: *“Neuroinflammation and Neurodegeneration.”*

The Department of Biochemistry and Neuroscience Program, Universidade Federal do Rio Grande do Sul, Porto Alegre Brazil, title: *“The role of inflammation and dopamine synthesis in neurodegeneration.”*

**2014** Monthly Neuroscience Seminar, Faculty of Medicine & Health Sciences, Universiti Putra Malaysia, title: *“The role of inflammation and dopamine synthesis in Parkinson’s disease.”*

The 12<sup>th</sup> Meeting of The Asia Pacific Society for Neurochemistry, Kaohsiung, Taiwan, title: *“The role of inflammation and dopamine synthesis in Parkinson’s disease.”*

Peter Hilton Fellowship Talk, Queensland Brain Institute, title: *“Regulation of tyrosine hydroxylase in vivo.”*

**2012** School Seminar, School of Pharmacy and Medical Sciences, University of South Australia, title: *“Tyrosine hydroxylase phosphorylation and activation in vivo.”*



## DR LIN KOOI ONG CURRICULUM VITAE

### Community Engagement and Media

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I delivered several community engagement presentations to stroke survivors, caregivers and general audiences at ASMR Newcastle Gala Dinner, Working Age Group Stroke meeting (2017), Spotlight on Stroke and Pint of Science, Newcastle (2018).

I participated in the Stroke Research Consumer Forum (2017) involving researchers, stroke survivors and policy makers to discuss around the theme “Stroke Prevention, Recovery and Cure”.

I am a **senior blogger** for *Blogging Stroke* by the American Stroke Association (since 2018).

<https://journals.heart.org/bloggingstroke/>

1. Diabetic Condition Worsens Functional Deficits After Stroke
2. The Association of C-Reactive Protein and Amyloid Blood Biomarkers with Advanced Imaging Markers
3. The Tale of High Cortisol Levels, Shrinking Brain and Cognitive Impairment Among Adults in Their 40s
4. Reconsidering Role of Immune System in Neuropathophysiology After Stroke
5. Burst of Stress Hormone is Necessary for Poststroke Survival
6. NASAM Stroke Games 2019 and Stroke in Malaysia
7. Glowing Stem Cells May Shine A Light on Stroke Recovery Research
8. ANS 2019 Sessions: “Injury to the Nervous System” and “Pathway to Success: Paving the Way for Translational Stroke Research”

### Media Coverage

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2020 British Pharmacological Society “100 Scientists of Malaysia: Malaysian researchers across the globe” <https://www.bps.ac.uk/publishing/pharmacology-matters/august-2020/100-scientists-of-malaysia-malaysian-researchers>

2020 American Stroke Association “Meet the Blogger: Lin Kooi Ong, PhD”  
<https://journals.heart.org/bloggingstroke/2020/01/07/meet-the-blogger-lin-kooi-ong-phd/>

2019 Penang Monthly “From Penang to the Outer Reaches of Science”  
[https://penangmonthly.com/article.aspx?pageid=15556&name=from\\_penang\\_to\\_the\\_outer\\_reaches\\_of\\_science&fbclid=IwAR1qnMQNBfdHwBKIVd-I-ROt8N9O6G-x5V2B0Ila7M\\_oMzT4iJJKy0ZV-uE](https://penangmonthly.com/article.aspx?pageid=15556&name=from_penang_to_the_outer_reaches_of_science&fbclid=IwAR1qnMQNBfdHwBKIVd-I-ROt8N9O6G-x5V2B0Ila7M_oMzT4iJJKy0ZV-uE)

2018 Ong et al., 2018, *Stroke* has been a subject of a press release, featured in Channel 9, Newcastle Herald and Australian Associated Press. (~66 million digital reach, excluding broadcast)  
<https://www.9news.com.au/national/stroke-research-memory-loss-breakthrough/d449ecb6-d3e8-4614-8807-5b7e80321b21>  
<https://www.newcastleherald.com.au/story/5426417/brain-fertiliser-is-growing-new-hope-for-stroke-survivors/>

2017 Newcastle Herald “Medical research in the Hunter is shaping global health issues such as asthma, stroke and cancer.” <https://www.newcastleherald.com.au/story/4702152/researchers-tackle-global-health-issues/>