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| **Dr Linda Ferrington** | | | |
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**Professional and Research Experience**

* **May 2019 – present: Director of Research, Rural Clinical School (RCS), Medicine, UNSW Sydney**
* Co-ordinating independent learning programme (research year) at Port Macquarie Campus – organising research projects for 13+ students, assisting supervisor and students with project design, ethics applications, statistical support.
* Supports RCS UNSW researchers in the development, preparation and submission of research grant applications and oversees negotiation and administration of research awards, contracts and consulting research
* **May 2019 – present: Post-Graduate Co-ordinator, Rural Clinical School, Medicine, UNSW Sydney, Port Macquarie Campus**
* Responsible forestablishing and maintaining procedures for selecting appropriate supervision and ensuring that supervisors in the RCS undergo appropriate supervisory training as required, ensuring an appropriate research topic and achievable timeline is agreed upon for candidates, helping candidates effectively use the research infrastructure of the school, and providing appropriate space and resources to carry out the approved research program.
* **February 2017 – present: Senior Lecturer and Phase 1 Academic Programme Co-ordinator,** **Rural Clinical School**
* Convene and manage Phase 1 (years 1 and 2) Medicine programme
* Providing effective leadership within phase 1 at the RCS by way of strategy, policy, decision making and management of the medicine programme.
* Providing effective leadership on the initiation of new academic developments
* Co-ordinating and Teaching Phase 1 medicine; reviewing teaching, learning and assessment activities.

**September 2015 – February 2017: Lecturer; The Science of the Mind, Open University**

* Teaching and mentoring of students learning in an online format
* Developing online learning materials for neuroscience/mental health

**January 2014 – February 2017: Lecturer, Biological Sciences, Queen Margaret University, School of Health Science**

* Teaching and module lead on a range of undergraduate and post-graduate degree programmes including Applied Pharmacology, Human Biology, Nutrition, Dietetics, Speech and Language Therapy, Psychology, Nursing, Podiatry.
* Module co-ordinator for several undergraduate and post-graduate modules, including Neuroscience, Cell Biology and Human Physiology, Determinants of health, Drug abuse and Addiction, Performance Enhancing Drugs, Current Issues in Health
* Designing, preparing, delivering and evaluating lectures, tutorials, laboratory practical classes and computer simulation workshops for undergraduate and post-graduate students.
* Design, execution and delivery of assessments for undergraduate and post-graduate students
* Teaching and mentoring of undergraduate and post-graduate students, including mentoring and assisting in supervision of PhD, masters and undergraduate student projects
* September 2016 – acting programme leader for BSc (Hons) Applied Pharmacology

**April 2012 – January 2014: Postdoctoral Research Fellow, University of Edinburgh, Centre for Inflammation Research**

* Investigating the role of indoleamine-2,3-dioxygenase and kynurenine 3-monooxygenase protein expression in acute pancreatic (AP) disease progression and the application of novel kynurenine pathway inhibitors to prevent tissue injury and organ failure. Ultimately aim to provide proof-of-concept that there may be a translational benefit of kynurenine pathway inhibition in AP.

**Nov 2007 – April 2012: Personal Research Fellowship, RSE/Lloyds TSB Foundation for Scotland, University of Edinburgh, Centre for Cognitive and Neural Systems**

* Investigating the involvement of cerebrovascular dysfunction in the pathogenesis of Alzheimer’s disease, and potential therapeutic strategies for the disease.
* Simultaneously collaborating with Maastricht University to investigate the relationship between insulin resistance and cerebrovascular abnormalities in the pathogenesis of Alzheimer’s disease.

**July-Nov 2007: Post-doctoral Position, Strathclyde University, Psychiatric Research Institute of Neuroscience in Glasgow**

* Utilising a translational model of schizophrenia using brain imaging in freely moving rats, contributing to the development of new schizophrenia treatment therapies.

**Oct 2004 – July 2007: Post-doctoral position, University of Edinburgh, Centre for Neuroscience Research**

* Investigating new molecules in mood disorders using a genomic, neurobiological and systems approach in animal models and human depressive disorders. Utilising brain imaging including regional cerebral blood flow and metabolic imaging.
* Responsible for supervision and training of a visiting PhD student for 10 months

**Education**

**2018: PgCert Professional and Higher Education, Queen Margaret University**

**2004: PhD Neuroscience, Queen Margaret University,**

* Investigation of the cellular mechanisms of serotonergic system dysfunction and recovery following MDMA-induced lesion of CNS.
* Extensive collaboration with several European partners

**2001: BSc (Hons) 1st Class, Biological & Health Sciences, Queen Margaret University**

**Funding Awarded**

* **2019 – MNCLHD Research Grant Support program**
* **2018, 2019, 2020 – Education Focussed Foundation Funding, UNSW**
* **2016 – Widening Access and Student Retention (WISeR), QMU**
* **2007** – **Personal Research Fellowship,** **Royal Society of Edinburgh/Lloyds TSB**
* **Foundation for Scotland**
* **2007** – **Wellcome Trust Vacation Scholarship** – PI for a vacation research project for Ms Kylie P Conroy, Queen Margaret University
* **2005** – **Travel bursary** to attend Brain’05
* **2005** – **Funded place** on 9th Annual Molecular Techniques Workshop, Cork

**Memberships**

* Senior Fellow of the Higher Education Academy
* International Society for the Scholarship of Teaching and Learning
* Higher Education Research and Development Society of Australasia
* The Association for the Study of Medical Education
* Association for Medical Education in Europe

**External Committee Membership**

* CHAIN Special Interest Group facilitator - Obesity
* WHO Dementia Knowledge Exchange peer reviewer
* North Coast New South Wales Human Research Ethics Committee
* Translational Research Grants Scheme Grant review panel member – NSW Government Health
* Healthy Communities Advisory Committee of the Mid North Coast Local Health District
* Healthy and Active Youth Working Group – UNSW representative

**UNSW Committee Membership**

* Medical Education Interest Group – program Lead
* Student Wellbeing Community of Practice – Co-Lead until 2022
* UNSW Higher Research Degrees Committee
* UNSW Program Evaluation and Improvement Group
* UNSW Faculty of Medicine Research Committee
* UNSW Medicine Faculty Higher Degree Committee
* UNSW Medicine Inspired Learning Initiative Committee
* UNSW Medicine Technology Enhanced Learning and Teaching Committee
* UNSW Independent Learning Project Committee – Rural Clinical School representative
* UNSW Phase 1 Steering Committee
* UNSW Clinical Learning and Assessment Committee

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| **Referees**  **Available on request** |

**Publications**

### Sidhu, L., Ferrington, L., Macer-Wright, J.L., Kelly, B., Mount, G., LeBard Curricular approaches to supporting student academic success and wellbeing

### [**Ferrington, L.**,  Macer-Wright, J.L., Ranawake, G., and Sidhu, L. (2021), COVID19 disrupted medical education: Rural clinical school experienceThe Clinical Teacher Special Issue: Abstracts for ASME Annual Scholarship Meeting 2021 – Disrupted Medical Education, Volume 18, Issue S1](https://onlinelibrary.wiley.com/toc/1743498x/2021/18/S1), Pages: 1-104

1. Legerer, C., Stevens, M., Vazquez, G.M., Muller, T and **Ferrington, L.** (2020) An Experimental Evaluation of a Concept to Improve Conventional Aortic Prosthesis Compliance, Journal of Biomechanics, *J. Biomech. 112, 110010,* [*https://doi.org/10.1016/j.jbiomech.2020.110010*](https://doi.org/10.1016/j.jbiomech.2020.110010)
2. Beglopoulos, V., Tulloch, J, Daumas, S., **Ferrington, L.,** Watson, R., Zhanyun, F., Hyman, B, Kelly, P.A.T, Bard, F *and* Morris, R.G.M., (2016), Prodromal detection and rescue of deficits in memory retrieval and associated glucose uptake despite normal learning in pre-pathological APPtg mice, *Nature Communications,* 7: 11761
3. **Ferrington, L.,** Bell, S., Robertson, A., Grainger, A. and Revuelta-Iniesta, R., (2016), Effect of Vitamin D Supplementation on Aerobic Exercise Performance in Healthy Adults; A Randomised Single Blinded Placebo Controlled Pilot Study, *EC Nutrition,* 5.2: 1128-1136.
4. **Ferrington, L.**, Palmer, L.E., Love, S., Horsburgh, K.J., Kelly, P.A.T. *and* Kehoe, P.G. (2012), Angiotensin II-inhibition: effect on Alzheimer's pathology in the aged triple transgenic mouse *American journal of translational research*, vol 4, no. 2, pp. 151-64.
5. **Ferrington, L.**, Miners, J.S., Palmer, L.E., Bond, .SM., Povey, J.E., Kelly, P.A.T., Love, S., Horsburgh, K.J. & Kehoe, P.G. (2011), Angiotensin II-inhibiting drugs have no effect on intraneuronal Aβ or oligomeric Aβ levels in a triple transgenic mouse model of Alzheimer's disease, *American journal of translational research*, vol 3, no. 2, pp. 197-208.
6. van Donkelaar, EL, Blokland, A, **Ferrington, L**, Kelly, PAT, Steinbusch, HWM *and* Prickaerts, J (2011), 'Mechanism of acute tryptophan depletion: is it only serotonin?' *Molecular Psychiatry*, vol 16, no. 7, pp. 695-713.
7. Dawson, N., **Ferrington, L.**, Lesch, K-P *and* Kelly, P.A.T. (2011), Cerebral metabolic responses to 5-HT2A/C receptor activation in mice with genetically modified serotonin transporter (SERT) expression *Eur Neuropsychopharmacol*, vol 21, no. 1, pp. 117-128
8. van Donkelaar, E.L., Kelly, P.A.T., Dawson, N., Blokland, A., Prickaerts, J., Steinbusch, H.W.M *and* **Ferrington, L.** (2010), Acute tryptophan depletion potentiates 3,4-methylenedioxymethamphetamine-induced cerebrovascular hyperperfusion in adult male Wistar rats, *Journal of Neuroscience Research*, vol 88, no. 7, pp. 1557-1568.
9. Adori, C., Andó, R.D., **Ferrington, L.**, Szekeres, M., Kelly, P.A.T., Hunyady, L. and Bagdy, G. (2010) Elevated BDNF protein level in the cortex but not in the hippocampus of MDMA-treated Dark Agouti rats: a potential link to the long-term recovery of serotonergic axons. *Neurosci. Lett.* 47:56 - 60.
10. Andó, R.D., Ádori, C., Kirilly, E., Kovács, G.G., **Ferrington, L.,** Kelly, P.A.T *and* Bagdy, G. (2010). Acute SSRI-induced anxiogenic and brain metabolic effects are attenuated despite partial recovery of serotonergic terminals six months after initial MDMA-induced depletion, *Behav. Brain Res., 207,280-289*
11. van Donkelaar, E.L., Blokland, A., Lieben, C.K., Kenis, G., **Ferrington, L**., Kelly, P.A.T., Steinbusch, H.W. *and* Prickaerts, J., (2010) Acute tryptophan depletion in C57BL/6 mice does not induce central serotonin reduction or affective behavioural changes, *Neurochem. Intl., 56, 21-34*
12. van Donkelaar, E.L., **Ferrington L.** Blokland, A., Steinbusch, H.W.M, Prickaerts, J., *and* Kelly, P.A.T., (2009), Acute tryptophan depletion in rats alters the relationship between cerebral blood flow and glucose metabolism independent of central serotonin, *Neurosci.* 163; 683–694
13. Rutten, K., Van Donkelaar, E..L., **Ferrington L**., Bollen, E., Steinbusch, H.W.M., Blokland, A., Kelly P.A.T., *and* Prickaerts, J.H.H.J. (2009), Phosphodiesterase inhibitors enhance object memory independent of cerebral blood flow and glucose utilization in rats. *Neuropsychopharmacol,* **34**, 1914-1925.
14. Dawson, N., **Ferrington, L**., Olverman, H.J., Harmar, A.J. *and* Kelly, P.A.T., (2009) Gender influences the effect of a life-long increase in serotonin transporter function on cerebral metabolism. *J. Neurosci. Res*. **87**, 2375-2385.
15. Dawson, N., **Ferrington, L.,** Olverman, H.J. *and* Kelly, P.A.T., (2008), Novel analysis for improved validity in semi-quantitative 2-deoxyglucose autoradiographic imaging, *J. Neurosci. Meth.,* **175**, 25-35
16. Andó, R.D., Benkő, A., **Ferrington, L.,** Kirilly, E., Kelly, P.A.T. and, Bagdy, G. (2006) Partial lesion of the serotonergic system by a single dose of MDMA results in behavioural disinhibition and enhances acute MDMA-induced social behaviour on the social interaction test. *Neuropharmacol.,* **50**, 884-896.
17. **Ferrington, L.,** Kirilly, E., McBean, D.E., Olverman, H.J., Bagdy, G. and Kelly, P.A.T., (2006). Persistent cerebrovascular effects of MDMA and acute responses to the drug. *Eur. J. Neurosci.*, **24**, 509-519*.*
18. **Ferrington, L.**, Olverman, H.J. and Kelly, P.A.T., (2006). MDMA-induced cerebrovascular dysfunction may contribute to the behavioural profile of the drug, *Neuropsychopharmacol. Hungarica,* 7 (Suppl.1), 22-23.
19. Kirilly, E., Benko, A., **Ferrington, L.,** Kelly, P.A.T. *and* Bagdy, G., (2006) Acute and long-term effects of a single dose of MDMA on aggression in Dark Agouti rats. *Int. J. Neuropsychoph.* **9**, 63-76.
20. Balogh , B., Molnar, E., Jakus, R., **Quate, L**.\*, Olverman, H. J., Kelly, P.A.T., Kantor, S. *and* Bagdy, G., (2004), Effects of a single dose of 3,4-Methylenedioxymethamphetamine on circadian patterns, motor activity and sleep in drug-naïve rats and rats previously exposed to MDMA, *Psychopharmacology,* **173**, 296-309
21. **Quate, L**.\*, McBean, D.E., Ritchie, I.M., Olverman, H.J. *and* Kelly, P.A.T., (2004), Acute Methylenedioxymethamphetamine administration: effects upon local cerebral blood flow and glucose utilisation in the dark agouti rat, *Psychopharmacology,* **173*,*** 287-295
22. Kelly, P.A.T, Ritchie, I.M., **Quate, L**.\*, McBean, D.E., *and* Olverman, H.J., (2002), Functional consequences of perinatal exposure to 3,4-methylenedioxymethamphetamine in rat brain, *B. J. Pharmacol.,* **137,** 963-970

**In submission**

1. Schirmer, T., Bailey, A., Kerr, N., Walton, A., Cecilio, M. and **Ferrington, L.,** (2021), An evaluation of KM Club: What factors influence successful implementation and sustainability? *BMC Public Health, submitted*
2. Schwartzkoff, E., Popovic, G., Kerr, N., Macer-Wright, J.L., Bailey, A., Gasevic, D. and **Ferrington, L.** (2022) How and Why to Embed Childhood Obesity Education into Medical Curricula*, Education for Health, submitted*

*\* please note previous surname*

**Conference Presentations**

1. Schirmer, T., Bailey, A., Kerr, N., Walton, A., Cecilio, M. and **Ferrington, L.** (2021), Start small and let it build; a mixed-method evaluation of a school-based physical activity initiative, Evidence and Implementation Summit 2021, Virtual (ORAL)
2. Macer-Wright, J.L., Ranawake, G., Sidhu, L and **Ferrington, L.,** (2021) COVID19 Disrupted Medical Education: Rural Clinical School Experience, Association for the Study or Medical Education (ASME) 2021, Virtual, (ORAL)
3. Sidhu, L, **Ferrington, L,** Macer-Wright, J.L., Kelly, B., Mount, G., LeBard, R., Pather, N., Louey, P., Ranawake, G., and Cranney, J. (2021) Curricular approaches to supporting student academic success and wellbeing, Emerging Initiatives – STARS Conference, TBC
4. Macer-Wright, J.L. and **Ferrington, L.** (2021) What we learned from curricular approaches to supporting student wellbeing, For Course & Program Convenors:  Practical Curricular Approaches to Supporting Student Success & Wellbeing, Virtual, (ORAL)
5. Watson, E.R, Heaney, S. and **Ferrington, L.** (2021), The impact of COVID-19 enforced lockdown on food availability and nutritional intake in Australian adults, Dietitians Australia 2021 Conference, Melbourne (ORAL)
6. **Ferrington, L. (2020)** Connectedness in a COVID-shaped world: Pecha Kucha, Education Focused Retreat, 2020, Virtual, (ORAL)
7. van der Linden, R.P, Chessor, D.J., Macer-Wright, J.L. and **Ferrington, L.** (2020), Understanding the barriers to treat Childhood Obesity in Australian General Practitioners**,** 7th Rural and Remote Health Scientific Symposium, Virtual, (ORAL)
8. Macer-Wright, J.L, Ranawake, G., Cranney, J. and **Ferrington, L.** (2020), Connectedness in a COVID-shaped world, UNSW Medical and Health Education Forum, Virtual (ORAL)
9. Schwartzkoff, E., Macer-Wright, J.L., Gasevic, D., Bailey, A., Kerr, N. and **Ferrington, L (2020)** Increasing confidence to treat childhood obesity: an interventional study of undergraduate medical students, The Austral-Asia Obesity Research Update – Convened by ANZOS, Virtual, (ORAL)
10. van der Linden, R.P, Chessor, D.J., Macer-Wright, J.L. and **Ferrington, L.** (2020), Understanding the barriers to treat Childhood Obesity in Australian General Practitioners, The Austral-Asia Obesity Research Update – Convened by ANZOS, Virtual, (ORAL)
11. **Ferrington, L.,** Macer-Wright, J.L., Shulruf, B. and Forster, S.L. (2019) Understanding the factors affecting medical student performances in rural and metropolitan students, **8**th Rural health and Research Congress, Lismore, Australia, (ORAL)
12. **Ferrington, L.** Weatherley, J., Singh, S., Bannan, A. and Forster, S.L. (2019) Establishment of a Rural Pathology Teaching Museum, International Association for Medical Education, Vienna, Austria, (ORAL)
13. Macer-Wright, J.L., Forster, S. L. and **Ferrington, L**. (2019) Understanding the factors affecting student performance in rural and metropolitan campuses, International Association for Medical Education, Vienna, Austria, (ORAL)
14. Macer-Wright, J.L., Forster, S.L., and **Ferrington, L.** (2018) Keeping the rural in rural medicine: Establishing a full undergraduate medical program in a regional town, Tertiary Education Quality Standards Agency, Melbourne, Australia, (ORAL)
15. Weatherley, J., Singh, S., Bannan, A., Forster, S.L. and **Ferrington, L.** (2019) Establishment of a Rural Pathology Teaching Museum, UNSW Learning and Teaching Forum, Sydney, Australia, (POSTER)
16. **Ferrington, L.,** Stefan, M., Wang, S.H., Meyer, K., (2016) Using educational digital games to improve the engagement and performance of applied pharmacology students in an undergraduate cell biology course, British Pharmacological Society, London, UK,(POSTER)
17. Boyle, R., Gow, I.F., and **Ferrington, L**. (2016) The effect of polyphenol enhanced chocolate on mood and stress in healthy individuals – a randomized single-blinded placebo-controlled crossover pilot study, Nutrition Society, (POSTER)
18. **Ferrington, L.,** Bell, S., Robertson, A. and Revuelta-Iniesta, R. (2016) Effect of Vitamin D supplementation on aerobic exercise performance in healthy adults; a randomised single blinded placebo controlled pilot study, Nutrition Society, (POSTER)
19. O’Regan, Z., Gow, I.F., and **Ferrington, L.** (2016), An investigation into the effects of tryptophan supplementation on Mood Cognition, reaction time, dietary intake and sleep in healthy volunteers, Nutrition Society, (POSTER)
20. Stefan, M., McMullen, C., Wang, S.H., Meyer, K., Etchells, C.D. and **Ferrington, L.** (2016), Can optional online quizzes increase student engagement, retention and performance in an undergraduate cell biology and physiology course? Society for Experimental Biology – Creativity in Science Teaching, London, UK**,** (POSTER)
21. **Ferrington, L**., Stefan, M., Wang, S.H., Meyer, K., (2016) Using educational digital games to improve the engagement and performance of students in an undergraduate cell biology course, Society for Experimental Biology – Creativity in Science Teaching, London, UK, (POSTER)
22. Meyer, K., **Ferrington**, **L.,** Stefan, M., Wang, S-H., (2016), Engage: Using educational digital games to improve student engagement and performance in an undergraduate cell biology course, Abertay University Teaching and Learning Conference, Dundee, Scotland, (POSTER)
23. **Ferrington, L**., Bell, S., Robertson, A., Grainger, A. and Revuelta-Iniesta, R., (2015) Effect of Vitamin D supplementation on aerobic exercise performance in healthy adults; a randomised single blinded placebo-controlled pilot study, Scottish Physical Activity Research Connections, Edinburgh, Scotland, (POSTER)
24. **Ferrington, L.,** Gliddon, C.M., McCulloch, J. and Horsburgh, K.J., (2011), Effects of microcoil-induced carotid stenosis on local cerebral blood flow in mice, Brain; Symposium on Cerebral Blood Flow, Metabolism and Function, Barcelona (POSTER)
25. **L. Ferrington,** Bond, S.M., Povey, J.E., Miners, S.J., Palmer, L.E., Scott, F.E., Dingwall, T.W., Kelly, P.A.T., Love, S., Kehoe, P.G. and Horsburgh, K.J., (2009) [Anti-hypertensives have no effect on cerebral amyloid or APP levels in a triple transgenic mouse model of Alzheimer’s disease](https://www.abstractsonline.com/Plan/ViewAbstract.aspx?sKey=7626bdbd-4f1d-4be7-bcdb-976395cb6586&cKey=586060e8-619b-4eea-b170-539107701668&mKey=%7b081F7976-E4CD-4F3D-A0AF-E8387992A658%7d); Neuroscience 2009, annual meeting of the Society for Neuroscience, Chicago (POSTER)
26. **L. Ferrington**, Bond, S.M., Povey, J.E., Miners, S.J., Palmer, L.E., Scott, F.E., Dingwall, T.W., Kelly, P.A.T., Love, S., Kehoe, P.G. and Horsburgh, K.J., (2009) [Anti-hypertensives have no effect on cerebral amyloid or APP levels in a triple transgenic mouse model of Alzheimer’s disease](https://www.abstractsonline.com/Plan/ViewAbstract.aspx?sKey=7626bdbd-4f1d-4be7-bcdb-976395cb6586&cKey=586060e8-619b-4eea-b170-539107701668&mKey=%7b081F7976-E4CD-4F3D-A0AF-E8387992A658%7d); Scottish Neuroscience Group, St Andrews (Invited Speaker)
27. **Ferrington, L.,** Bond, S.M., Povey, J.E., Miners, S.J., Palmer, L.E., Kelly, P.A.T., Love, S.G., Kehoe, P.G. and Horsburgh, K.J. (2008) Anti-hypertensive compounds have no effect on cerebral amyloid or APP levels in a triple transgenic mouse model of Alzheimer’s Disease, Royal Society of Edinburgh, Lloyds TSB Foundation for Scotland Annual Forum - – Improving the Quality of Life of the Ageing Population (Invited Speaker)
28. **Ferrington, L.,** Bond, S.M., Povey, J.E., Miners, S.J., Palmer, L.E., Kelly, P.A.T., Love, S.G., Kehoe, P.G. and Horsburgh, K.J. (2008) Anti-hypertensive compounds have no effect on cerebral amyloid or APP levels in a triple transgenic mouse model of Alzheimer’s Disease, Royal Society of Edinburgh, **2008** Alzheimer’s Association 11th International Conference on Alzheimer’s disease, Chicago (POSTER)
29. **Ferrington, L.,** Collins, M.D., Dawson, N., Kelly, P.A.T. (2007); 3,4-methylenedioxymethamphetamine (MDMA)-induced 5-HT depletion; effect upon 5-HT2a/2c receptor function in the female Dark Agouti rat, Society for Neuroscience 2007, San Diego (POSTER)
30. Van Donkelaar, E. L., **Ferrington, L**., Prickaerts, J., Kelly, P.A.T., Steinbusch, H.W. (2007) Acute tryptophan depletion in rats produces uncoupling of flow from metabolism which parallels human depression, Society for Neuroscience 2007, San Diego (POSTER)
31. Dawson, N., **Ferrington, L.,** Olverman, H.J., Harmar, A.J., Kelly, P.A.T, (2006), The acute cerebral metabolic response to serotonin transporter targeting drugs is altered in mice over-expressing the human serotonin transporter, 6th Forum of European Neuroscience (FENS), Vienna (POSTER)
32. **Ferrington, L**., Dawson, N., Kelly, P.A.T., (2006) Changes in 5-HT pharmacology following exposure to MDMA: Implications for the treatment of MDMA-induced depression., West European Regional CINP meeting, Belfast (POSTER)
33. Dawson, N., **Ferrington, L.,** Olverman, H.J., Harmar, A.J., Kelly, P.A.T, (2006), Altered cerebral glucose metabolism in the response to DOI in serotonin transporter over-expressing mice, Proceedings of the British Pharmacological Society, at <http://www.pA2online.org/abstracts/Vol3Issue4abst166P.pdf>
34. MA Simpson, JL Leith, **L Ferrington,** PAT Kelly, (2005) Direct cerebrovascular effects of CB1 receptor activation by the synthetic endocannabinoid HU-210 in vivo, Journal of Cerebral Blood Flow & Metabolism 25 (1\_suppl), S581-S581, Brain; Symposium on Cerebral Blood Flow, Metabolism and Function, Amsterdam (POSTER)
35. **L Ferrington,** JL Leith, DE McBean, HJ Olverman, PAT Kelly (2005) Local cerebral metabolic response to 8-OH-DPAT in Dark Agouti rats is altered by prior exposure to 3, 4,-methylenedioxymethamphetamine (MDMA), Journal of Cerebral Blood Flow & Metabolism 25 (1\_suppl), S582-S582, Brain; Symposium on Cerebral Blood Flow, Metabolism and Function, Amsterdam (POSTER)
36. **L Ferrington,** DE McBean, HJ Olverman, PAT Kelly(2005) ‘Ecstasy’ as a risk factor in stroke: A laboratory investigation of 3, 4-methylenedioxymethamphetamine-induced cerebrovascular dysfunction, Journal of Cerebral Blood Flow & Metabolism 25 (1\_suppl), S177-S177, Brain; Symposium on Cerebral Blood Flow, Metabolism and Function, Amsterdam (POSTER)
37. PAT Kelly, **L Ferrington,** JJ Mullins (2005) Altered cerebrovascular control in response to hypertension in a novel transgenic rat model of malignant hypertension Journal of Cerebral Blood Flow & Metabolism 25 (1\_suppl), S536-S536, Brain; Symposium on Cerebral Blood Flow, Metabolism and Function, Amsterdam (POSTER)
38. **Ferrington, L**. and Kelly, P.A.T. (2005) Changes in 5-HT Pharmacology Following Exposure to MDMA: Implications for the Treatment of MDMA-Induced Depression. Euron course “Psychopharmacology: from bench to bed”, Kerkrade (ORAL)
39. **Ferrington, L**. Dawson, N. and Kelly, P.A.T, (2005) Altered responses to citalopram and 8-OH-DPAT in rats previously exposed to MDMA parallel those found in depressive illness. British Neurosciences Association, Brighton, Abstr., 18, P157 (POSTER)
40. **Ferrington, L.,** McBean, D.E., Olverman, H.J., J.L. Leith and Kelly, P.A.T, (2005). Cerebrovascular effects of acute methylenedioxymethamphetamine (MDMA) in rats previously exposed to the drug. British Neuroscience Assoc., Brighton, Abstr. 18, 24.04. (ORAL)
41. Kelly, P.A.T, Simpson, M.A., **Quate, L\*.** and Ritchie, I.M., (2005) Effects of the synthetic endocannabinoid HU-210 upon the relationship between cerebral blood flow and metabolism in the rat, 5thForum of European Neuroscience (FENS) Abstacts, vol 2., A215.1, Lisbon (POSTER)
42. **Quate, L\*.,** McBean, D.E., Olverman, H.J. and Kelly, P.A.T. (2004), Previous exposure to 3,4-methylenedioxymethamphetamine (MDMA) alters the cerebrovascular response to citalopram in dark agouti rats, Fundamental and Clinical Pharmacology, 18 (Suppl. 1), P05.18, Federation of European Pharmacological Societies (EPHAR), Porto (POSTER)
43. **Quate, L\*.,** McBean, D.E., Olverman, H.J. and Kelly, P.A.T. (2004), 3,4-methylenedioxymethamphetamine (MDMA) induces both actue and persistent cerebrovascular effects in dark agouti rats, Fundamental and Clinical Pharmacology, 18 (Suppl. 1), P05.35, Federation of European Pharmacological Societies (EPHAR), Porto (POSTER)