

## UNIVERSITY OF MILAN

*Selection procedure for recruiting full professors under art.18, paragraph 1 and 4, of Law No.240/2010 for scientific-disciplinary group 05/BIOS-11 - Pharmacology, (scientific-disciplinary sector BIOS-11/A - Pharmacology) at the Department of HEALTH SCIENCES, (announcement published in Official Gazette No. 76 of 20/09/2024) - Competition code 5621*

## CURRICULUM VITAE

### PERSONAL DATA

SURNAME MORE'

NAME LORENZO

DATE OF BIRTH 14/12/1973

### EDUCATION (Formazione, titoli accademici e certificazioni):

- |                 |   |
|-----------------|---|
| 02/2017         | <b>Fellow of the Higher Education Academy</b><br>School of Life Sciences, The University of Warwick (UK)  |
| 01/2002-03/2005 | <b>Doctor of Research (PhD)</b> in Neuroscience (Neurophysiology)<br>School of Medicine, The University of Padova (Italy)<br>Thesis: "Mouse urinary pheromones trigger ovulation via the vomeronasal organ"   |
| 10/1996-06/2001 | <b>5-year degree (MSc)</b> in Experimental Psychology (Neuropsychology)– Full marks<br>The University of Padova <ul style="list-style-type: none"><li>1-year experimental thesis carried out at the School of Medicine "The olfactory ablated mouse as a model of hypo-serotonergic depression"</li></ul> |

**Fellowship of the HEA** is awarded to teaching and learning professionals who can demonstrate they meet Descriptor 2 (Fellow level) criteria of The UK Professional Standards Framework (UKPSF). Achieving FHEA status demonstrates a successful career in teaching and learning in higher education (University).

### Employment history (storico degli impieghi)

- |                 |  |
|-----------------|--|
| 09/2017-        | <b>Senior Lecturer in Neuroscience</b> ( <i>equivalente a Professore Associato</i> )<br>School of Pharmacy and Biomedical Science, University of Central Lancashire, Preston, UK |
| 01/2014-08/2017 | <b>Research Fellow in Neuroscience</b><br>School of Life Sciences, University of Warwick, Coventry, UK   |
| 08/2011-12/2013 | <b>Research Fellow in Neuroscience</b><br>Dulbecco Telethon Institute at the San Raffaele Scientific Institute, Milan, Italy   |
| 07/2008–07/2011 | <b>Research Fellow in Neuroscience</b><br>School of Psychology, The University of Nottingham, Nottingham, UK   |
| 10/2005-06/2008 | <b>Research Associate in Neuropharmacology</b><br>Department of <i>In vivo</i> Pharmacology, Merz Pharmaceuticals, Frankfurt am Main, Germany                                    |
| 04-09/2005      | <b>Research Assistant in Neurophysiology</b> (cultore della materia BIO/09)<br>School of Medicine, The University of Padova, Padova, Italy                                       |

### Further training and qualifications (ulteriore formazione e qualificazione)

- Home Office Personal Licence PIL (A, B, C) holder
- **PIL C Home Office Personal Licence training course** July 2022
- **PIL A-B Legislation update** 4 CPD hours October 2020
- **Real-World Evidence in Medicine Development**, part of the IMI GetReal project with UMC Utrecht – 8-week training course – 5 Learning Units September – October 2018
- February 2018 -Edinburgh (UK) **Home Office Project Licence training course**, Module 5
- October 2008 -Nottingham (UK) **Home Office Personal Licence training course**, Modules 1 to 4
- January 2006 -Heidelberg (Germany) **Course on “Principles of Experimental Animal Science and Methods of Animals Experimentation”** certified by the Society of Laboratory Animal Science (GV-SOLAS)
- January 2003 -Venice (Italy), **School of Pure and Applied Biophysics**, on the subject “Biophysics of Sensory Transduction”, organised by the IVSLA (Venetian Institute of Sciences, Literature and Arts) and the SIBPA (Italian Society of Pure and Applied Biophysics)

### LEAVE (interruzione di servizio)

- 13 weeks of parental leave Child 2, taken between 25 October 2021 and 11 October 2022
- 13 weeks of parental leave Child 1 taken between 6 April 2020 to 16 October 2020
- Sick leave due to a long-standing health condition: From 18 January to 19 December 2010

### Possesso del requisito ASN:

Studioso stabilmente impegnato all'estero in attività di ricerca o insegnamento a livello universitario in posizione di livello pari a quelle oggetto del bando, sulla base di tabelle di corrispondenza definite dal Ministero. Professore Associato dal 1/9/2017.

### Research activity (Attività di ricerca)

I have been leading the MORE lab at the University of Central Lancashire since September 2017

<https://www.uclan.ac.uk/academics/dr-lorenzo-more>

### Research centres affiliation (Organizzazione, direzione e coordinamento di centri e/o gruppi di ricerca internazionali)

- UCLan Biomedical Evidence based Transdisciplinary (BEST) Health Research Institute Member and Board member (since February 2024)

### (Partecipazione a centri e/o gruppi di ricerca nazionali)

| Date Awarded | Project Title/Details   | Funding Body                                   | Involvement  | Names of Other Holders                            | Total Awarded |
|--------------|---|--|--------------|---|---------------|
| 2011         | Analysis of the pathogenic mechanisms underlying Mental Retardation: Identification of X-linked mental retardation genetic defects and synaptic plasticity: Therapeutic potential | Italian Telethon Foundation & Hoffmann-LaRoche | Collaborator | Dott P D'Adamo and Dr Silvia Gatti-McArthur (PIs) | 110,000€      |
| 2012         | X-linked mental retardation genetic defects and synaptic plasticity: Therapeutic potential for mGluRs ligands   | Italian Telethon Foundation & Hoffmann-LaRoche | Collaborator | Dott P D'Adamo and Dr Silvia Gatti-McArthur (PIs) | 110,000€      |

***(Partecipazione a centri e/o gruppi di ricerca internazionali)***

| <b>Date Awarded</b> | <b>Project Title/Details</b>                 | <b>Funding Body</b>                                 | <b>Involvement</b> | <b>Names of Other Holders</b> | <b>Total Awarded</b> |
|---------------------|--|---|--------------------|-------------------------------|----------------------|
| 2014                | Improving Brain Function in the Elderly      | SYLVIA WADDILOVE FOUNDATION UK                      | Named Researcher   | Prof Bruno Frenguelli (PI)    | 3,900£               |
| 2015                | Amino acid sensing by hypothalamic tanycytes | BBSRC   | Named Researcher   | Prof Nicholas Dale (PI)       | 755,000£             |
| 2018                | Molecular Psychiatry team starting grant     | UCLan   | PI                 | None                          | 10,000£              |
| 2018                | REF panel A award                            | UCLan   | PI                 | None                          | 5,168£               |
| 2023                | Happy Ageing                                 | UCLan's Undergraduate Research Internship Programme | PI                 | None                          | 4,000£               |
| 2024                | Happy Ageing                                 | UCLan's Undergraduate Research Internship Programme | PI                 | None                          | 4,000£               |
| 2024                | QR Research Fund                             | UCLan PABS  | PI                 | None                          | 2,500£               |

***Editorial roles (Partecipazione a comitati editoriali di riviste)***

- Guest Editor, Neuropharmacology Special issue on Personality Disorders  
<https://www.sciencedirect.com/journal/neuropharmacology/about/call-for-papers#personality-disorders>
- Review Editor in Neuropharmacology within Frontiers in Pharmacology
- Topic Editor for Frontiers "Gene and Environment Interactions in Neurodevelopmental Disorders" (ID: 13530)  
<https://www.frontiersin.org/articles/10.3389/fnbeh.2022.893662/full>

***Awards (Conseguimento di premi e riconoscimenti nazionali)***

- 2001 Winner of a 3-year PhD fellowship. Sponsor: MIUR (Italian Ministry for University Education and Research) – merit-based competition
- 1997 – 2000 Winner for 4 consecutive years (2°-->5°) of a University MSc studentship  
Sponsor: ESU (Italian Regional Agency for University Education) – merit-based competition

***Awards (Conseguimento di premi e riconoscimenti internazionali)***

- July 2015 Merit pay award- above and beyond-, University of Warwick

***(Partecipazione in qualità di relatore a congressi e convegni di interesse nazionale)***

- Padova (Italy), September 2004 XXI congress of the Italian Society for Ethology Oral presentation: Major Urinary Proteins Trigger Ovulation in the Mouse (*Mus musculus*) -Invited speaker

***Invited speaker (Partecipazione in qualità di relatore a congressi e convegni di interesse)***

## *internazionale)*

- Edinburg University (UK) 7 February 2020. SEALING THE LOOP: Bridging the latest Neuroscience approaches. Keynote speaker: Prof Bruno Frenguelli, Notable Speaker: Prof Richard Morris, Guest: Dr Serena Dudek - **Oral presentation:** Can the emotional valence of stimuli be encoded at a synaptic level ? -**Invited speaker**
- Preston (UK), December 17<sup>th</sup> 2019 Joint Academy Industry Meeting (JAIM): Pharmacy in an ageing population. **Oral presentation:** The role of Mitogen and Stress Activated Protein Kinase 1 in response to Environmental Enrichment throughout the lifespan-**Invited speaker**
- Perugia (Italy), September 2019 Società Italiana Neuro Scienze (SINS) 18<sup>th</sup> Congress – **Symposium:** Signalling Pathways in Intellectual Disability and Autism Spectrum Disorder: Cellular Mechanisms, Diagnostic Tools and Therapeutic Approaches. **Oral presentation:** CREB serine 133 is necessary for spatial cognitive flexibility and long-term potentiation. Chair: Prof Riccardo Brambilla, co-chair Prof Maurizio Giustetto-**Invited speaker**
- Hiroshima (Japan), June 2017 International Behavioral Neuroscience Society (IBNS) 26<sup>th</sup> Annual Meeting - **symposium co-chair:** Environmental and pharmacological strategies to enhance cognition. Chair: Prof Riccardo Brambilla. **Oral presentation:** The role of Mitogen and Stress activated protein Kinase 1 in response to environmental enrichment, a possible target for nootropics? Other speakers: Dr Julie Lauterborn, Dr Francesco Papaleo
- Salamanca (Spain), September 2009 XXI Congress of the Spanish Society for Comparative Psychology (SPEC) - International Meeting Oral presentation: Responding during fixed and variable duration CSs-**Invited speaker**

## *(Partecipazione in qualità di organizzatore a congressi e convegni di interesse internazionale)*

- UCLan Research Day **co-organiser**, March 10<sup>th</sup> 2023. Plenary lectures Prof Bruno G. Frenguelli (Warwick University) and Prof Noel Buckley (Oxford University)

## *(Produzione scientifica)*

### **Peer-reviewed publications**

- **More L\***, Privitera L\*, Lopes M, Corrêa SAL, Lauterborn JC, Arthur JS, Frenguelli BG MSK1 is required for the experience- and amphetamine-dependent enhancement of spatial reference memory and reversal learning. (Accepted 08/08/2024, in press)
- **More L\***, Privitera L\*, Cooper DD, Tsogka M, Arthur JS, Frenguelli BG (2023). MSK1 is required for the beneficial synaptic and cognitive effects of enriched experience across the lifespan. *Aging* 15: 6031-6072
- Morella IM, Brambilla R, **More L** (2022). Emerging roles of brain metabolism in cognitive impairment and neuropsychiatric disorders. *Neuroscience and Biobehavioral Reviews*, 142: 104892
- **More L\***, Privitera L\*, Perrett P, Cooper DD, Van Gijssel Bonello M, Arthur JS, Frenguelli BG (2022). CREB serine 133 is necessary for spatial cognitive flexibility and long-term potentiation. *Neuropharmacology* 219: 109237
- Silveira PP\*, **More L\***, Gottfried C\* (2022). *Editorial:* Gene and Environment Interactions in Neurodevelopmental Disorders. *Front Behav Neurosci*, 16:893662. doi: 10.3389/fnbeh.2022.893662. eCollection 2022
- Olateju OI, **More L**, Arthur JS, Frenguelli BG (2021). MSK1 negatively regulates hippocampal neurogenesis. *Neuroscience*, 452: 228-234
- Lalo U, Rasooli-Nejad S, Bogdanov A, **More L**, Koh W, Muller J, Wall M, Lee CJ, Pankratov Y. Synergy between vesicular and non-vesicular gliotransmission regulates synaptic plasticity and working memory. (2021) Pre-print on BioRxiv <https://www.biorxiv.org/content/10.1101/2021.03.25.437028v1>
- Privitera L\*, **More L\***, Cooper DD, Richardson P, Tsogka M, Hebenstreit D, Arthur JS, Frenguelli BG (2020). Experience recruits MSK1 to expand the dynamic range of synapses and enhance cognition. *The Journal of Neuroscience* 40:4644–4660
- Shaw A, Arnold LD, Privitera L, Whitfield PD, Doherty MK, **More L** (2020) A proteomic signature for CNS adaptations to the valence of environmental stimulation. *Behavioural Brain Research* 383: 112515
- **More L\***, Lauterborn J\*, Papaleo F, Brambilla R (2020). Enhancing cognition through pharmacological and environmental interventions: Examples from preclinical models of neurodevelopmental disorders. *Neuroscience and Biobehavioral Reviews*. 110: 28-45

- Daumas S\*, Hunter CJ\*, Mistry RB\*, **Morè L\***, Privitera L\*, Cooper DD, Reyskens KM, Flynn HT, Morris RGM, Arthur JSC, Frenguelli BG (2017). The kinase function of MSK1 regulates BDNF signaling to CREB and basal synaptic transmission, but is not required for hippocampal long-term potentiation or spatial memory. *eNeuro*: 4(1): ENEURO.0212-16.2017
  - **Morè L**, Künnecke B, Yekhelef L, Bruns A, Bianchi V, Taverna S, Marte A, Fedele E, Gatti S, D'Adamo P (2017) Altered Fronto-Striatal Function in the Gdi1-null mouse model of X-linked Intellectual Disability. *Neuroscience* 344: 346-359
  - Pennucci R, Talpo F, Astro V, Montinaro V, **Morè L**, Cursi M, Castoldi V, Chiaretti S, Bianchi V, Marenga S, Cambiaghi M, Leocani L, Biella G, D'Adamo P, de Curtis I (2016) Loss of Either Rac1 or Rac3 GTPase Differentially Affects the Behavior of Mutant Mice and the Development of Functional GABAergic Networks. *Cerebral Cortex* 26: 873-890
  - Oettinghaus B, Schulz JM, Restelli LM, Licci M, Savoia C, Schmidt A, Schmitt K, Grimm A, **Morè L**, Hench J, Tolnay M, Eckert A, D'Adamo P, Franken P, Ishihara N, Mihara K, Bischofberger J, Scorrano L, Frank S (2016) Synaptic dysfunction, memory deficits and hippocampal atrophy due to ablation of mitochondrial fission in adult forebrain neurons. *Cell Death and Differentiation* 23: 18-28
  - D'Adamo P, Masetti M, Bianchi V, **Morè L**, Mignogna ML, Giannandrea M, Gatti S (2014 available online) RAB GTPases and RAB-interacting proteins and their role in the control of cognitive functions. *Neuroscience & Biobehavioral Reviews* 46: 302-314
  - **Morè L**, Jensen G (2014) Acquisition of conditioned responding in a multiple schedule depends on the reinforcement's temporal contingency with each stimulus. *Learning & Memory* 21: 258-262
  - Schlumberger C, Pietraszek M, Gravius A, Klein K-U, Greco S, **Morè L**, Danysz W (2009) Comparison of positive allosteric modulator of mGlu5 receptor ADX47273 and mGluR2/3 agonist LY354740 in tests for antipsychotic-like activity. *European Journal of Pharmacology, Behavioural Pharmacology section*, 623: 73-83
  - Schlumberger C, Schaefer D, Barberi C, **Morè L**, Nagel J, Pietraszek M, Schmidt WJ, Danysz W (2009) Effects of a metabotropic glutamate receptor group II agonist LY354740 in animal models of positive schizophrenia symptoms and cognition. *Behavioural Pharmacology*, 20: 56-66
  - **Morè L** (2008) Intra-Female Aggression in the Mouse (*Mus musculus domesticus*) is linked to the Estrous Cycle Regularity but not to Ovulation. *Aggressive Behavior*, 34: 46-50
  - **Morè L**, Gravius A, Nagel J, Valastro B, Greco S, Danysz W (2008) Therapeutically relevant plasma concentrations of memantine produce significant NMDA receptor occupation and do not impair learning in rats. *Behavioural Pharmacology*, 19: 724-734
  - Gravius A, Dekundy A, Nagel J, **Morè L**, Pietraszek M, Danysz W (2008) Investigation on tolerance development to subchronic blockade of mGluR5 in models of learning, anxiety, and levodopa-induced dyskinesia in rats. *Journal of Neural Transmission*, 115: 1609-1619
  - **Morè L\***, Gravius A\*, Pietraszek M, Belozertseva I, Malyshkin A, Shekunova E, Barberi C, Schaefer D, Schmidt WJ, Danysz W (2007) Comparison of the mGluR1 antagonist A-841720 in rat models of pain and cognition. *Behavioural Pharmacology*, 18: 273-281
  - **Morè L** (2006) Mouse Major Urinary Proteins Trigger Ovulation via the Vomeronasal Organ. *Chemical Senses*, 31: 393-401
- Corresponding author; \*equal contribution

#### Peer-reviewed conference proceedings

- Therapeutically relevant, neuroprotective plasma concentrations of memantine produce significant NMDA receptor occupation and do not impair learning in rats. By: **More, Lorenzo**; Gravius, Andreas; Nagel, Jens; et al. Conference: Joint Meeting of the Israel-Academy-of-Sciences-and-Humanities/German-Academy-of-Sciences-Leopoldina Location: Jerusalem, ISRAEL Date: NOV 02-05, 2008 Sponsor(s): Israel Acad Sci & Humanities; German Acad Sci Leopoldina. JOURNAL OF NEURAL TRANSMISSION Volume: 115 Issue: 10 Pages: 1480-1480 Published: OCT 2008.
- P1-014: At therapeutic, neuroprotective doses, memantine blocks NMDA receptors and does not affect learning in nonimpaired rats. **Lorenzo More**, Andreas Gravius, Jens Nagel, Barbara Valastro, Sergio Greco, Wojciech Danysz. *Alzheimer's Dementia* – July 2008 vol 4, T209.
- LY354740, a metabotropic glutamate receptor group II agonist, is effective in some models for schizophrenia only. By: Schlumberger, C; Schaefer, D; **More, L**; et al. Conference: 12th Biennial Meeting of the European-Pharmacology-Society

Location: Tübingen, GERMANY Date: AUG 31-SEP 03, 2007 Sponsor(s): European Pharmacol Soc. BEHAVIOURAL PHARMACOLOGY Volume: 18 Supplement: 1 Pages: S14-S14 Published: SEP 2007.

- Neuroprotective doses of memantine do not impair learning in rats. By: **More, L**; Gravius, A; Greco, S; et al. Conference: 12th Biennial Meeting of the European-Pharmacology-Society Location: Tübingen, GERMANY Date: AUG 31-SEP 03, 2007 Sponsor(s): European Pharmacol Soc. BEHAVIOURAL PHARMACOLOGY Volume: 18 Supplement: 1 Pages: S49-S49 Published: SEP 2007.
- Comparison of the MGLUR1 antagonist A-841720 in rat models of pain and cognition. By: Gravius, A; **More, L**; Pietraszek, M; et al. Conference: 12th Biennial Meeting of the European-Pharmacology-Society Location: Tübingen, GERMANY Date: AUG 31-SEP 03, 2007 Sponsor(s): European Pharmacol Soc. BEHAVIOURAL PHARMACOLOGY Volume: 18 Supplement: 1 Pages: S49-S50 Published: SEP 2007.
- *In vivo* characterisation of mGluR5 negative and positive modulators. By: Danysz, W; Nagel, J; Dekundy, A; et al. AMINO ACIDS Volume: 33 Issue: 3 Pages: XVII-XVII Published: SEP 2007.
- The role of group I metabotropic glutamate receptors in acquisition and expression of contextual and auditory fear conditioning. By: Gravius, A; **More, L**; Schmidt, W J; et al. Conference: Workshop of the European-Behavioural-Pharmacology-Society on Neurodegeneration - Basic Mechanisms of Motor and Cognitive Dysfunctions Location: Cracow, POLAND Date: SEP 02-04, 2006 Sponsor(s): European Behav Pharmacol Soc. BEHAVIOURAL PHARMACOLOGY Volume: 17 Issue: 5-6 Pages: 552-552 Published: SEP 2006.

### *(Attività Istituzionali)*

#### External appointments:

- BRACE ([www.alzheimers-brace.org/](http://www.alzheimers-brace.org/)) Scientific Advisory Committee (SAC) member since 2020
- External examiner at Cardiff University for the School of Biosciences 2020-24

#### UCLan:

- Experienced Researcher seat on the University Committee for Ethics and Integrity since 2019
- Animal Unit Academic manager - Chair of the animal unit users' group 2021-23
- Voting seat in AWERB (animal welfare) since 2022
- School Research and Innovation Committee member since 2022
- School lead in the Faculty Health and Safety committee 2022-23
- Biomedical Evidence based Transdisciplinary (BEST) Health Research Institute board member since 2024

#### University of Warwick:

- Post doc representative in the Warwick University School of Life Sciences Impact Committee 2014-16
- Animal Welfare and Ethical Review Body (AWERB) and Home Office inspectors representative for the Frenguelli lab 2014-16
- Post doc representative in the Warwick University School of Life Sciences Culture and Communication committee 2015-17
- First Aid at Work trainee 2015-17

#### OUTREACH (Terza Missione)

- Outreach Lead, School of Pharmacy and Biomedical Sciences, UCLan, September 2017 – April 2019

#### University of Warwick:

- On March 17<sup>th</sup> 2016 and March 16<sup>th</sup> 2017 I led a team representing the School of Life Sciences (University of Warwick) at the Science Night public outreach event at The Hive in Worcester
- On June 16<sup>th</sup> 2016 I contributed to the Aviva Women's Cycling - children's outreach event organized by Prof Moffat at the University of Warwick Sports centre
- On May 16<sup>th</sup> 2016 I participated as neuroscience expert for the School of Life Sciences at the IATL interdisciplinary workshop on "Be Afraid! Be Very Afraid!", featuring Professor Pamela Gilbert (IAS visit) in conversation with respondents from different fields at Warwick University

- On March 14<sup>th</sup> 2015 and March 12<sup>th</sup> 2016 I participated in the Brain Awareness Event organized by Prof Frenguelli and Moffat at Leamington Spa Art Gallery & Museum

### (Attività didattica)

#### TEACHING PORTFOLIO

Courses taught: Master's in Pharmacy (Hons) (PJ modules)  
 Bachelor of Science in Physiology and Pharmacology (Hons) (BL1-3 modules)  
 Bachelor of Science in Biomedical Sciences (Hons) (BL1-3 modules)  
 Master's in Neuroscience (BL4 modules)

Teaching subjects: Neuroscience, Cellular and Molecular Biology, Anatomy, Physiology, Pharmacology, Statistics and Experimental design. CNS body system lead for MPharm 2nd and 3rd year.

Experience in course design and revalidation: MPharm and MRes in Neuroscience.

Module leader: MPharm second year modules Foundations in Clinical Practice, Systems Based Patient Care and Biomedical Sciences Advanced Systems Pharmacology and Biostatistics.

### (Attività didattica frontale)

UCLan: 2023-24

| Module code and title                        | Credits | Role                                     | Frontal Teaching details   |
|--|---------|--|--|
| PJ2300 Systems-Based Patient Care 1          | 120     | Module leader, CNS System lead, Lecturer | Anxiety 1hr lecture + 2hrs workshop<br>Depression 1hr lecture + 2hrs workshop<br>Psychosis 1hr lecture + 2hrs workshop   |
| PJ3300 Systems-Based Patient Care 2          | 120     | CNS System lead, Lecturer                | Resistant depression 1hr lecture + 2hrs workshop<br>Bipolar, Lithium, ECT, Ketamine 1hr lecture<br>Advanced dementias treatment 1hr lecture<br>Addiction 1hr lecture + 2hrs workshop<br>Epilepsy 1hr lecture<br>Headache 1hr lecture<br>Polymyalgia rheumatica 2hrs workshop |
| BL1012 Essential Skills in Biosciences       | 40      | Lecturer                                 | Critical review of a scientific paper 1hr workshop<br>Presenting data 1hr workshop   |
| BL1013 Bioscience in practice                | 40      | Lecturer                                 | Introduction to <i>In vivo</i> studies 1hr lecture<br>Synaptic plasticity and optogenetics 1hr lecture   |
| BL3020 Molecular Neuropharmacology           | 40      | Lecturer                                 | Anxiety 2hrs lecture<br>Depression & Bipolar 2hrs lecture<br>Psychosis and Schizophrenia 2hrs lecture  |
| BL4020 Current Trends in Neuroscience (MRes) | 40      | Lecturer                                 | Neuro developmental Disorders 2hrs lecture<br>Behavioural genetics in ID preclinical models 2hrs lecture<br>Autism-like behaviours and MeCP2 2hrs seminar  |
| PJ1310 Science of Medicines                  | 40      | Lecturer                                 | Agonist/antagonist data visualisation 2hrs seminar   |

UCLan: 2022-23

| Module title                        | Credits | Role                      | Frontal Teaching details  |
|-------------------------------------|---------|---------------------------|---|
| PJ2300 Systems-Based Patient Care 1 | 120     | Module leader, CNS System | Anxiety 1hr lecture + 2hrs workshop<br>Depression 1hr lecture + 2hrs workshop |



|  |     |                                 |   |   |
|--|-----|---------------------------------|---|---|
|  |     | lead,<br>Lecturer               | Psychosis   | 1hr lecture + 2hrs workshop   |
| PJ3300 Systems-Based Patient Care 2          | 120 | CNS System<br>lead,<br>Lecturer | Resistant depression<br>Bipolar, Lithium, ECT, Ketamine<br>Advanced dementias treatment<br>Addiction<br>Epilepsy<br>Headache<br>Polymyalgia rheumatica  | 1hr lecture + 2hrs workshop<br>1hr lecture<br>1hr lecture<br>1hr lecture + 2hrs workshop<br>1hr lecture<br>1hr lecture<br>2hrs workshop |
| BL1012 Essential Skills in Biosciences       | 40  | Lecturer                        | Critical review of a scientific paper<br>Presenting data  | 1hr workshop<br>1hr workshop  |
| BL1013 Bioscience in practice                | 40  | Lecturer                        | Introduction to <i>In vivo</i> studies<br>Synaptic plasticity and optogenetics  | 1hr lecture<br>1hr lecture  |
| BL2011 Bioscience Practical Skills           | 40  | Lecturer                        | Animal models of diseases   | 1hr lecture   |
| BL2012 Biology of Disease                    | 40  | Lecturer                        | Autism Spectrum Disorder  | 1hr lecture   |
| BL2013 Molecules to Cells                    | 40  | Lecturer                        | Protein trafficking   | 1hr lecture   |
| BL3212 Pathophysiology & Treatment           | 40  | Lecturer                        | Anxiety<br>Depression& Bipolar<br>Psychosis and Schizophrenia   | 2hrs lecture<br>2hrs lecture<br>2hrs lecture  |
| BL3020 Molecular Neuropharmacology           | 40  | Lecturer                        | Anxiety<br>Depression& Bipolar<br>Psychosis and Schizophrenia   | 2hrs lecture<br>2hrs lecture<br>2hrs lecture  |
| BL4020 Current Trends in Neuroscience (MRes) | 40  | Lecturer                        | Neuro developmental Disorders<br>Behavioural genetics in ID preclinical models<br>Autism-like behaviours and MeCP2  | 2hrs lecture<br>2hrs lecture<br>2hrs seminar  |
| PJ1300 Journey of a Medicine                 | 40  | Lecturer                        | Agonist/antagonist data visualisation   | 2hrs seminar  |
| PJ1301 Health and Disease                    | 40  | Lecturer                        | Effective literature searching and referencing<br>Plagiarism and scientific papers<br>Haemolysis<br>Glucose regulation and glucose testing<br>Respiratory physiology<br>Microbiology<br>Histology | 1hr lecture<br>1hr lecture<br>3hrs lab<br>3hrs lab<br>3hrs lab<br>3hrs lab<br>3hrs lab  |
| PJ1302 Foundations in Pharmacy Practice      | 40  | Lecturer                        | Clinical reasoning  | 2hrs workshop   |

UCLan: 2021-22 Teaching delivered live online

| Module title                        | Credits | Role  | Frontal Teaching details   |   |
|-------------------------------------|---------|---|--|---|
| PJ2300 Systems-Based Patient Care 1 | 120     | Module leader, CNS System lead, Coursework lead, Lecturer | Anxiety<br>Depression<br>Psychosis   | 1hr lecture + 2hrs workshop<br>1hr lecture + 2hrs workshop<br>1hr lecture + 2hrs workshop               |
| PJ3300 Systems-Based Patient Care 2 | 120     | CNS System lead, Lecturer                                 | Resistant depression<br>Bipolar, Lithium, ECT, Ketamine<br>Advanced dementias treatment<br>Addiction<br>Epilepsy | 1hr lecture + 2hrs workshop<br>1hr lecture<br>1hr lecture<br>1hr lecture + 2hrs workshop<br>1hr lecture |



|  |    |                        |   |  |
|--|----|------------------------|---|--|
|  |    |                        | Headache<br>Polymyalgia rheumatica  | 1hr lecture<br>2hrs workshop   |
| BL4014 Research Project (MRes)               | 40 | Module Tutor, Lecturer | <i>In vivo</i> studies of genetic diseases  | 2hrs lecture   |
| BL1012 Essential Skills in Biosciences       | 40 | Lecturer               | Critical review of a scientific paper<br>Presenting data  | 1hr workshop<br>1hr workshop   |
| BL1013 Bioscience in practice                | 40 | Lecturer               | Introduction to <i>In vivo</i> studies<br>Synaptic plasticity and optogenetics  | 1hr lecture<br>1hr lecture   |
| BL2011 Bioscience Practical Skills           | 40 | Lecturer               | Animal models of diseases   | 1hr lecture  |
| BL2012 Biology of Disease                    | 40 | Lecturer               | Autism Spectrum Disorder  | 1hr lecture  |
| BL2013 Molecules to Cells                    | 40 | Lecturer               | Protein trafficking   | 1hr lecture  |
| BL3212 Pathophysiology & Treatment           | 40 | Lecturer               | Anxiety<br>Depression & Bipolar<br>Psychosis and Schizophrenia  | 2hrs lecture<br>2hrs lecture<br>2hrs lecture   |
| BL3020 Molecular Neuropharmacology           | 40 | Lecturer               | Anxiety<br>Depression & Bipolar<br>Psychosis and Schizophrenia  | 2hrs lecture<br>2hrs lecture<br>2hrs lecture   |
| BL4020 Current Trends in Neuroscience (MRes) | 40 | Lecturer               | Neuro developmental Disorders<br>Behavioural genetics in ID preclinical models<br>Autism-like behaviours and MeCP2  | 2hrs lecture<br>2hrs lecture<br>2hrs seminar   |
| PJ1300 Journey of a Medicine                 | 40 | Lecturer               | Introduction to pharmacokinetics<br>Agonist/antagonist data visualisation   | 2hrs lecture<br>2hrs seminar   |
| PJ1301 Health and Disease                    | 40 | Lecturer               | Effective literature searching and referencing<br>Plagiarism and scientific papers<br>Haemolysis<br>Glucose regulation and glucose testing<br>Respiratory physiology<br>Microbiology<br>Histology | 1hr lecture<br>1hr lecture<br>3hrs lab<br>3hrs lab<br>3hrs lab<br>3hrs lab<br>3hrs lab |
| PJ1302 Foundations in Pharmacy Practice      | 40 | Lecturer               | Clinical reasoning  | 2hrs workshop  |

UCLan: 2020-21

| Module title                           | Credits | Role  | Frontal Teaching details   |   |
|--|---------|---|--|---|
| PJ2300 Systems-Based Patient Care 1    | 120     | CNS System lead,<br>Coursework lead, Lecturer | Anxiety<br>Depression<br>Psychosis   | 1hr lecture + 2hrs workshop<br>1hr lecture + 2hrs workshop<br>1hr lecture + 2hrs workshop   |
| PJ3300 Systems-Based Patient Care 2    | 120     | CNS System lead,<br>Lecturer                  | Resistant depression<br>Bipolar, Lithium, ECT, Ketamine<br>Advanced dementias treatment<br>Addiction<br>Epilepsy<br>Headache<br>Polymyalgia rheumatica | 1hr lecture + 2hrs workshop<br>1hr lecture<br>1hr lecture<br>1hr lecture + 2hrs workshop<br>1hr lecture<br>1hr lecture<br>2hrs workshop |
| BL4014 Research Project (MRes)         | 40      | Module Tutor, Lecturer                        | <i>In vivo</i> studies of genetic diseases   | 2hrs lecture  |
| BL1012 Essential Skills in Biosciences | 40      | Lecturer                                      | Critical review of a scientific paper<br>Presenting data   | 1hr workshop<br>1hr workshop  |

|  |    |          |   |  |
|--|----|----------|---|--|
| BL1013 Bioscience in practice                | 40 | Lecturer | Introduction to <i>In vivo</i> studies<br>Synaptic plasticity and optogenetics  | 1hr lecture<br>1hr lecture   |
| BL2011 Bioscience Practical Skills           | 40 | Lecturer | Animal models of diseases   | 1hr lecture  |
| BL2012 Biology of Disease                    | 40 | Lecturer | Autism Spectrum Disorder  | 1hr lecture  |
| BL2013 Molecules to Cells                    | 40 | Lecturer | Protein trafficking   | 1hr lecture  |
| BL3212 Pathophysiology & Treatment           | 40 | Lecturer | Anxiety<br>Depression & Bipolar<br>Psychosis and Schizophrenia  | 2hrs lecture<br>2hrs lecture<br>2hrs lecture   |
| BL4020 Current Trends in Neuroscience (MRes) | 40 | Lecturer | Neuro developmental Disorders<br>Behavioural genetics in ID preclinical models<br>Autism-like behaviours and MeCP2  | 2hrs lecture<br>2hrs lecture<br>2hrs seminar   |
| PJ1300 Journey of a Medicine                 | 40 | Lecturer | Introduction to pharmacokinetics<br>Agonist/antagonist data visualisation   | 2hrs lecture<br>2hrs seminar   |
| PJ1301 Health and Disease                    | 40 | Lecturer | Effective literature searching and referencing<br>Plagiarism and scientific papers<br>Haemolysis<br>Glucose regulation and glucose testing<br>Respiratory physiology<br>Microbiology<br>Histology | 1hr lecture<br>1hr lecture<br>3hrs lab<br>3hrs lab<br>3hrs lab<br>3hrs lab<br>3hrs lab |
| PJ1302 Foundations in Pharmacy Practice      | 40 | Lecturer | Clinical reasoning  | 2hrs workshop  |

UCLan: 2019-20

| Module title                         | Credits | Role                      | Frontal Teaching details   |  |
|--------------------------------------|---------|---------------------------|--|--|
| BL2215 Biostatistics                 | 20      | Module leader, Lecturer   | Types of data<br>Descriptive statistics<br>Data presentation<br>Normal distribution<br>Hypothesis testing<br>Linear regression<br>t-test and ANOVA<br>Post-hoc analyses<br>Experimental design<br>Nonparametric statistics<br>Presenting statistical results | 1hr lecture + 2hrs workshop<br>1hr lecture + 2hrs workshop<br>1hr lecture + 2hrs workshop<br>1hr lecture + 2hrs workshop<br>1hr lecture + 2hrs workshop<br>1hr lecture + 2hrs workshop<br>1hr lecture + 2hrs workshop<br>1hr lecture + 2hrs workshop<br>1hr lecture + 2hrs workshop<br>1hr lecture + 2hrs workshop |
| BL3220 Advanced Systems Pharmacology | 20      | Module leader, Lecturer   | Dysautonomia   | 2hrs lecture   |
| PJ2300 Systems-Based Patient Care 1  | 120     | CNS System lead, Lecturer | Anxiety<br>Depression<br>Psychosis   | 1hr lecture + 2hrs workshop<br>1hr lecture + 2hrs workshop<br>1hr lecture + 2hrs workshop  |
| PJ3300 Systems-Based Patient Care 2  | 120     | CNS System lead, Lecturer | Resistant depression<br>Bipolar, Lithium, ECT, Ketamine<br>Advanced dementias treatment<br>Addiction<br>Epilepsy<br>Headache<br>Polymyalgia rheumatica   | 1hr lecture + 2hrs workshop<br>1hr lecture<br>1hr lecture<br>1hr lecture + 2hrs workshop<br>1hr lecture<br>1hr lecture<br>2hrs workshop  |
| BL1013 Bioscience in                 | 40      | Lecturer                  | Introduction to <i>In vivo</i> studies   | 1hr lecture  |

|                                    |    |          |  |              |
|------------------------------------|----|----------|--|--------------|
| practice                           |    |          | Synaptic plasticity and optogenetics           | 1hr lecture  |
| BL3212 Pathophysiology & Treatment | 40 | Lecturer | Anxiety  | 2hrs lecture |
|                                    |    |          | Depression& Bipolar                            | 2hrs lecture |
|                                    |    |          | Psychosis and Schizophrenia                    | 2hrs lecture |
| PJ1300 Journey of a Medicine       | 40 | Lecturer | Introduction to pharmacokinetics               | 2hrs lecture |
|                                    |    |          | Agonist/antagonist data visualisation          | 2hrs seminar |
| PJ1301 Health and Disease          | 40 | Lecturer | Effective literature searching and referencing | 1hr lecture  |
|                                    |    |          | Plagiarism and scientific papers               | 1hr lecture  |
|                                    |    |          | Haemolysis                                     | 3hrs lab     |
|                                    |    |          | Glucose regulation and glucose testing         | 3hrs lab     |
|                                    |    |          | Respiratory physiology                         | 3hrs lab     |
|                                    |    |          | Microbiology                                   | 3hrs lab     |
|                                    |    |          | Histology                                      | 3hrs lab     |

UCLan: 2018-19

| Module title                                 | Credits | Role                      | Frontal Teaching details                       |                             |
|--|---------|---------------------------|--|-----------------------------|
| BL3220 Advanced Systems Pharmacology         | 20      | Module leader, Lecturer   | Dysautonomia                                   | 2hrs lecture                |
| PJ2300 Systems-Based Patient Care 1          | 120     | CNS System lead, Lecturer | Anxiety  | 1hr lecture + 2hrs workshop |
|  |         |                           | Depression                                     | 1hr lecture + 2hrs workshop |
|  |         |                           | Psychosis                                      | 1hr lecture + 2hrs workshop |
| PJ3300 Systems-Based Patient Care 2          | 120     | CNS System lead, Lecturer | Resistant depression                           | 1hr lecture + 2hrs workshop |
|  |         |                           | Bipolar, Lithium, ECT, Ketamine                | 1hr lecture                 |
|  |         |                           | Advanced dementias treatment                   | 1hr lecture                 |
|  |         |                           | Addiction                                      | 1hr lecture + 2hrs workshop |
|  |         |                           | Epilepsy                                       | 1hr lecture                 |
|  |         |                           | Headache                                       | 1hr lecture                 |
|  |         |                           | Polymyalgia rheumatica                         | 2hrs workshop               |
| BL2215 Biostatistics                         | 20      | Lecturer                  | Types of data                                  | 1hr lecture + 2hrs workshop |
|  |         |                           | Descriptive statistics                         | 1hr lecture + 2hrs workshop |
|  |         |                           | Data presentation                              | 1hr lecture + 2hrs workshop |
|  |         |                           | Normal distribution                            | 1hr lecture + 2hrs workshop |
|  |         |                           | Hypothesis testing                             | 1hr lecture + 2hrs workshop |
|  |         |                           | Linear regression                              | 1hr lecture + 2hrs workshop |
|  |         |                           | t-test and ANOVA                               | 1hr lecture + 2hrs workshop |
|  |         |                           | Post-hoc analyses                              | 1hr lecture + 2hrs workshop |
|  |         |                           | Experimental design                            | 1hr lecture + 2hrs workshop |
|  |         |                           | Nonparametric statistics                       | 1hr lecture + 2hrs workshop |
|  |         |                           | Presenting statistical results                 | 1hr lecture + 2hrs workshop |
| BL4020 Current Trends in Neuroscience (MRes) | 40      | Lecturer                  | Neuro developmental Disorders                  | 2hrs lecture                |
|  |         |                           | Behavioural genetics in ID preclinical models  | 2hrs lecture                |
|  |         |                           | Autism-like behaviours and MeCP2               | 2hrs seminar                |
| BL4014 Research Project (MRes)               | 40      | Module Tutor, Lecturer    | <i>In vivo</i> studies of genetic diseases     | 2hrs lecture                |
| PJ1300 Journey of a Medicine                 | 40      | Lecturer                  | Introduction to pharmacokinetics               | 2hrs lecture                |
|  |         |                           | Agonist/antagonist data visualisation          | 2hrs seminar                |
| PJ1301 Health and Disease                    | 40      | Lecturer                  | Effective literature searching and referencing | 1hr lecture                 |
|  |         |                           | Plagiarism and scientific papers               | 1hr lecture                 |
|  |         |                           | Haemolysis                                     | 3hrs lab                    |
|  |         |                           | Glucose regulation and glucose testing         | 3hrs lab                    |
|  |         |                           | Respiratory physiology                         | 3hrs lab                    |

|  |  |  |              |          |
|--|--|--|--------------|----------|
|  |  |  | Microbiology | 3hrs lab |
|  |  |  | Histology    | 3hrs lab |

UCLan: 2017-18

| Module title                                  | Credits | Role                      | Frontal Teaching details   |                             |
|---|---------|---------------------------|--|-----------------------------|
| BL3220 Advanced Systems Pharmacology          | 20      | Module leader, Lecturer   | Dysautonomia   | 2hrs lecture                |
| PJ2300 Systems-Based Patient Care 1           | 120     | CNS System lead, Lecturer | Anxiety  | 1hr lecture + 2hrs workshop |
|   |         |                           | Depression   | 1hr lecture + 2hrs workshop |
|   |         |                           | Psychosis  | 1hr lecture + 2hrs workshop |
| BL2215 Biostatistics                          | 20      | Lecturer                  | Types of data  | 1hr lecture + 2hrs workshop |
|   |         |                           | Descriptive statistics   | 1hr lecture + 2hrs workshop |
|   |         |                           | Data presentation  | 1hr lecture + 2hrs workshop |
|   |         |                           | Normal distribution  | 1hr lecture + 2hrs workshop |
|   |         |                           | Hypothesis testing   | 1hr lecture + 2hrs workshop |
|   |         |                           | Linear regression  | 1hr lecture + 2hrs workshop |
|   |         |                           | t-test and ANOVA   | 1hr lecture + 2hrs workshop |
|   |         |                           | Post-hoc analyses  | 1hr lecture + 2hrs workshop |
|   |         |                           | Experimental design  | 1hr lecture + 2hrs workshop |
|   |         |                           | Nonparametric statistics   | 1hr lecture + 2hrs workshop |
|   |         |                           | Presenting statistical results   | 1hr lecture + 2hrs workshop |
| BL4200 Research Methods for Clinical Science  | 40      | Lecturer                  | 4x 2hrs lectures on statistics for biomedical sciences master's students (Normal distribution, correlation and linear regression, homogeneity of variance, t-test, ANOVA, post-hoc tests, Chi-square, data presentation) |                             |
| PJ1300 Journey of a Medicine                  | 40      | Lecturer                  | Introduction to pharmacokinetics   | 2hrs lecture                |
|   |         |                           | Agonist/antagonist data visualisation  | 2hrs seminar                |
| PJ1301 Health and Disease                     | 40      | Lecturer                  | Effective literature searching and referencing   | 1hr lecture                 |
|   |         |                           | Plagiarism and scientific papers   | 1hr lecture                 |
|   |         |                           | Haemolysis   | 3hrs lab                    |
|   |         |                           | Glucose regulation and glucose testing   | 3hrs lab                    |
|   |         |                           | Respiratory physiology   | 3hrs lab                    |
|   |         |                           | Microbiology   | 3hrs lab                    |
|   |         |                           | Histology  | 3hrs lab                    |
| PJ3997 Research Methods & Project Development | 40      | Lecturer                  | Sampling and sample size determination   | 2hrs lecture + workshop     |
|   |         |                           | Research methodologies overview presentation and cases   | 2hrs lecture + workshop     |
|   |         |                           | Qualitative research methods   | 2hrs lecture + workshop     |
|   |         |                           | Quantitative research design   | 2hrs lecture + workshop     |

One full year of a student's learning equals to 120 credits.

University of Warwick: 2016-17

| Module title   | Credits | Role     | Frontal Teaching details |               |
|--|---------|----------|--------------------------|---------------|
| LF904 MBio Research Skills, master's in biomedical sciences                        | 40      | Lecturer | <i>In vivo</i> studies   | 3hrs workshop |
| LF906 MBio Research Skills, master's in biomedical sciences (Industrial Placement) | 40      | Lecturer | <i>In vivo</i> studies   | 3hrs workshop |
| BS374 Modern Approaches to Human Disease, 3 <sup>rd</sup> year Biomedical science  | 30      | Lecturer | Anxiety                  | 1hr lecture   |
|  |         |          | Depression               | 1hr lecture   |

Merz Pharmaceuticals *In vivo* Pharmacology Department: January-February 2006, 2007 and 2008

- **Lectures** about behavioural pharmacology, mental diseases and cognition; 3x 1hr lecture (Alzheimer's Disease, Schizophrenia, Parkinson's disease) to colleagues from *in vitro* Pharmacology and Computational Biology.

University of Padova: 2002-05

- **Teaching assistant** for the demonstrations (theory and practice) of Neurophysiology and Neuroanatomy (sectorial anatomy) for the medical students.

A **Module Leader** is an academic formally in charge of the whole module and legally responsible to oversee its running. It is responsible for the overall management and delivery of a specific module within a degree programme.

Their key responsibilities include:

- Curriculum Design and Content, ensuring it meets the academic standards and learning objectives of the programme.
- Teaching and learning by organizing and delivering lectures, seminars, and workshops by coordinating with other lecturers and teaching assistants.
- Assessment designing by overseeing and marking assessments, including exams, coursework, and Practicals and ensuring assessments are fair, transparent, and aligned with learning outcomes.
- Quality Assurance by ensuring the module meets the quality standards set by the university and external accrediting bodies (i.e. IBMS / GPhC). This includes collecting and responding to student feedback, conducting module reviews, and making improvements as needed.
- Managing the administrative aspects of the module, such as maintaining records, ensuring compliance with university policies, and coordinating with other departments or faculties. The Module Leader also directly deals with the External Examiners.

A **Module Tutor** is an academic who has been charged to provide extensive support to a large cohort of students in a given module with a substantial component of applied research. The Module Tutor directly deals and supports the Module Leader.

A **System Lead** is an academic charged with primary responsibility to coordinate the delivery of integrated teaching (Pharmacology, Pharmaceutics and Pharmacy Practice) in a full year-long (120 credits) Pharmacy module.

A **Coursework lead** is an academic staff member who oversees and coordinates the coursework component (i.e. PJ2300 GI case study and Group presentation worth 25 and 12.5% of the final mark) of a particular module. This role involves several key responsibilities to maintaining the integrity and quality of the coursework component of a module, which is an essential part of the overall assessment and learning process in UK higher education.

An **Academic Advisor** is an academic who provides pastoral care to students and is legally required to address students concerns and helping with their academic progress.

An **External Examiner** is an academic from a different university who is appointed to ensure the academic standards and quality of assessments and degree awards. Their primary roles and responsibilities include:

Quality Assurance, Moderation of Assessments, Benchmarking Standards, Advisory Role, Exam Boards Participation and Reporting.

#### Research mentoring (*line management, tesi di laurea triennale, di master e di dottorato*)

UCLan: 2023-24

| Degree  | Role  | Students   |
|---|---|--|
| BSc – Biomedical Sciences                       | Final-year research project (thesis)<br>Main supervisor | Kaci Alice Cosgrove, Adeel Mohammad, Hamza Butt, Aneesah Hussain |
| Position  | Role  | Staff  |
| Internship under the UURIP Happy Ageing project | Line manager and PI                                     | Kaci Alice Cosgrove  |

UCLan: 2022-23

| Position  | Role                | Staff                  |
|---|---------------------|------------------------|
| Internship under the UURIP Happy Ageing project | Line manager and PI | Patryk Maciej Adamczyk |

UCLan: 2020-21

| Degree | Role | Students |
|--------|------|----------|
|--------|------|----------|

|                      |  |  |
|----------------------|--|--|
| MRes in Neuroscience | Main Supervisor                                    | Sonja Kayleigh Holme   |
| BSc - Biology        | Final-year research project (thesis) co-supervisor | Mohammad Danyal Ali, Aamena Chana, Humayra Abdulmajid Umerji |

UCLan: 2019-20

| Degree                    | Role  | Students   |
|---------------------------|---|--|
| MD Res                    | Director of Studies                                     | Ishaan Maitra  |
| BSc - Biomedical Sciences | Final-year research project (thesis)<br>Main Supervisor | Aamena Adam, Afshaan Gull, Joanna Shuhang, Claude-Vivien Nkundibiza, Nesisa Elaine Ndlovu, Sophie Holmes-dearden |

UCLan: 2018-19

| Degree                    | Role  | Students   |
|---------------------------|---|--|
| MRes - Neuroscience       | Main Supervisor   | Luke Arnold  |
| MSc (Res)                 | Second Supervisor                                       | Sneha Prajapati  |
| BSc - Biomedical Sciences | Final-year research project (thesis)<br>Main Supervisor | Kim Barrow, Kimberley Winter, Daniel Cleasby, Claude-Vivien Nkundibiza |
| BSc - Neuroscience        | Final-year research project (thesis)<br>Main Supervisor | Paul Summerfield Holland   |

UCLan: 2017-18

| Degree             | Role  | Students  |
|--------------------|---|---|
| BSc - Neuroscience | Final-year research project (thesis)<br>Main Supervisor | Toni Sutcliffe-Whyte, Luke Robinson, Kiran Iqbal, Victor Anukam |
| MPharm             | Final-year research project (thesis)<br>Main Supervisor | Shanaz Mbabazi, Riaz Patel                                      |

University of Warwick: 2016-17

| Degree  | Role                                 | Students         |
|---|--------------------------------------|------------------|
| MSc - Medical Biotechnology & Business Management | Main Supervisor                      | Habib Bashour    |
| BSc - Biomedical sciences<br>Erasmus student      | 9-month thesis project Co-Supervisor | Marianthi Tsogka |

University of Warwick: 2015-16

| Degree                    | Role                                   | Students                        |
|---------------------------|--|---------------------------------|
| BSc – Biomedical Sciences | 8-week research project Co-Supervisor  | Lauren Marsh                    |
| BSc – Biomedical Sciences | 6-week final year thesis Co-Supervisor | Jayan Makenji and Komal Makwana |

**Teaching mentorship** (*mentoraggio all'insegnamento Univeristario*)

UCLan: 2021-22

- Higher Education Academy mentorship: Dr Craig Bertram, Associate Fellow of the Higher Education (D1)

**Pastoral care** (*tutoraggio*)

| University and Academic year | Course                                   | Role   | Number                                     |
|------------------------------|--|--|--|
| UCLan: 2023-24               | MPharm<br>Biomedical Sciences            | Academic Advisor year 1-4<br>BL3011 Research Project Module Tutor                            | 19 students<br>79 students                 |
| UCLan: 2022-23               | MPharm                                   | Year-2 Tutor   | 125 students                               |
| UCLan: 2021-22               | MPharm<br>Biomedical Sciences<br>Biology | Year-2 Tutor<br>BL3011 Research Project Module Tutor<br>BL3699 Research Project Module Tutor | 148 students<br>81 students<br>18 students |

|                                   |  |  |  |
|-----------------------------------|--|--|--|
|                                   | MRes in Neuroscience   | BL4014 Research Project Module Tutor   | 8 students   |
| UCLan: 2020-21                    | MPharm<br>Biomedical Sciences<br>Biology<br>MRes in Neuroscience             | Year 2 Tutor<br>BL3299 Research Project Module Tutor<br>BL3699 Research Project Module Tutor<br>BL4014 Research Project Module Tutor   | 107 students<br>88 students<br>12 students<br>6 students |
| UCLan: 2019-20                    | MPharm<br>Biomedical sciences<br>Biomedical sciences                         | Academic Advisor year 1-3<br>Academic Advisor year 1-3<br>BL3299 Research Project Module Tutor   | 12 students<br>4 students<br>94 students                 |
| UCLan: 2018-19                    | MPharm<br>Biomedical sciences<br>Biomedical Sciences<br>MRes in Neuroscience | Academic Advisor year 1-2<br>Academic Advisor year 1-2<br>BL3299 Research Project Module Tutor<br>BL4014 Research Project Module Tutor | 6 students<br>6 students<br>87 students<br>5 students    |
| UCLan: 2017-18                    | MPharm<br>Biomedical sciences<br>Biomedical sciences                         | Academic Advisor year 1<br>Academic Advisor year 1<br>BL3299 Research Project Module Tutor   | 3 students<br>6 students<br>93 students                  |
| University of Warwick: 2016-17    | Biomedical Sciences  | Academic Facilitator for Teamworking & Networking module for Year 1 PhD students<br>Year-1 personal Tutor<br>Year-2 personal Tutor     | 10 students<br><br>6 students<br>6 students              |
| University of Warwick: 2015-16    | Biomedical Sciences  | Year-1 personal Tutor  | 6 students   |
| University of Nottingham: 2010-11 | Cognitive Neuroscience   | Biological Psychology (C81BIO) module Tutor  | 60 students  |
| University of Padova: 2004-05     | School of Medicine   | Year 1-6 Tutor   | Available to all medical students                        |

Date 29/09/2024