

Summary Information

Module Code	7104BRAIN
Formal Module Title	Neuroendocrinology
Owning School	Psychology
Career	Postgraduate Taught
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

Teaching Responsibility

LJMU Schools involved in Delivery
Psychology

Learning Methods

Learning Method Type	Hours
Lecture	8
Practical	9
Seminar	18
Workshop	5

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

Aims and Outcomes

Aims	To provide an understanding of advanced and cutting edge topics in neuroendocrinology within the context of health and disease of animals and humans.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Scrutinise historic and recent literature focussed on relevant topics.
MLO2	2	Critically evaluate current research methods in neuroendocrine sciences.
MLO3	3	Understand and critically assess how the different regulatory systems contribute to the organisms' health status and risk of disease
MLO4	4	Synthesize and communicate scientific information to the general public in a creative manner, with the use of internet-based communication channels

Module Content

Outline Syllabus	This module focuses on cutting-edge and advanced neuroendocrinology topics, including the endocrine control of physiology, neuroendocrinology of reproduction, prenatal programming of health and disease, puberty and pubertal disorders, endocrine disrupting compounds and the developing brain, sexual differentiation, behavioural neuro-endocrinology, neuroendocrinology of metabolism and energy balance, stress, and hormones and affective disorders.
Module Overview	This comparative module covers the functioning of the endocrine system in health and disease. Combining problem-based learning and practical sessions you will cover topics such as reproduction, sleep, stress, depression and psychoactive substances.
Additional Information	This module will present cutting-edge research relevant to neuroscience and endocrinology, and as such the specific contents will reflect the current trends in the field. Examples of relevant topics are: Neuroendocrine effects of psychoactive substances, Neuroendocrine modulation of social behaviour. Psycho-neuro immunology, Stress, Affective disorders, Circadian Rhythms. This second semester module will mirror the comparative approach taken by the Somatosensory Systems Module delivered in semester 1 - emphasising comparative methods and systems based research.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Portfolio	Portfolio	60	0	MLO1, MLO2, MLO3, MLO4
Centralised Exam	Exam	40	2	MLO1, MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Chrysanthi Fergani	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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