Study of Disease 1

Module Information

2022.01, Approved

Summary Information

Module Code	6101BMBMOL
Formal Module Title	Study of Disease 1
Owning School	Pharmacy & Biomolecular Sciences
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Pharmacy & Biomolecular Sciences

Learning Methods

Learning Method Type	Hours
Lecture	44
Seminar	3
Workshop	11

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	12 Weeks

Aims and Outcomes

Aims	The module with explore mechanisms for the initiation of atherosclerosis along with identifying relevant risk factors. The content with also examine the effective use of statins and anti-platelet therapy. This will be underpinned by detailing laboratory diagnostic tests and current research into atherosclerosis. A critical evaluation of the laboratory tests and pathological mechanisms associated with endocrine function will also be undertaken.

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Critically evaluate the scientific basis of pathological processes associated with the atherosclerosis and endocrine systems.
MLO2	2	Demonstrate the ability to apply critical thinking when presented recent research papers in the area of endocrinology or atherosclerosis.

Module Content

Outline Syllabus	Endocrine systems: Disorders of the hypothalamus, anterior pituitary gland, thyroid gland and adrenal gland. laboratory investigations including dynamic function tests. A critical approach examining the aetiology and risk factors relating to atherosclerosis. The lectures will be underpin and will highlight recent research and advances in CHD.
Module Overview	This module explores mechanisms for the initiation of atherosclerosis along with identifying relevant risk factors. You will also examine the effective use of statins and anti-platelet therapy. This will be underpinned by detailing laboratory diagnostic tests and current research into atherosclerosis.
Additional Information	Lectures will provide background for the student to tackle two essays concerned with atherosclerosis and endocrine function. Further discussion on these topics will be through workshops and seminars.No specific benchmarks are available for this module, but the learning outcomes at least meet, if not exceed, those stipulated in the relevant qualification descriptors for a higher education qualification at level 6 as defined by QAA, Sept 2015. The module has also been informed by the benchmark statement for Biomedical Science June 2015.Intake is every September.The criteria for admission to the module require that candidates meet the criteria for admission to the BSc Biomedical Science programme (32805).The final award is Certificate of Professional Development in Study of Disease 1, 20 credits at Level 6.The students have access to a module Canvas site and the University's other range of electronic support such as access to the electronic library facilities. The module content is regularly updated on the Canvas site including contemporary reading lists and links to journal articles. Students have access to the community site for Biomedical Science. All students have access to the module leader through phone contact and email. Module and CPD guides are also provided, which provide a range of information. The programme is assessed and run in line with the Academic Frameworkhttp://www.ljmu.ac.uk/eaqs/121984.htm The module is accredited by The Institute for Biomedical Science (Sept 2016- Aug 2021). The module forms part of the BSc Biomedical Science programme (32805) which was reviewed in April 2016.The methods for improving the quality and standards of learning are as follows:• Annual monitoring Review;• Liaison and feedback from the students;• Reports from External Examiner;• Programme team ensuring the module reflects the values of the current teaching and learning strategy;• Module leader updating knowledge and skills to ensure these remain current and relevant.The module is included in the programme specification for the BSc Biomedical Science programme (32805). The module is aligned with the same BSc Biomedical Science module for annual monitoring and external examining purposes.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Centralised Exam	Essay 1	50	0	MLO1, MLO2

Essay	Essay 2	50	0	MLO1, MLO2

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Gordon Lowe	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings