Programme Specification Document

Approved, 2022.02

Overview

Programme Code	35905
Programme Title	Cell Technology
Awarding Institution	Liverpool John Moores University
Programme Type	CPD
Language of Programme	All LJMU programmes are delivered and assessed in English
Programme Leader	Femi Olorunniji
Link Tutor(s)	

Awards

Award Type	Award Description	Award Learning Outcomes
Target Award	Certificate of Professional Development - CPM	See Learning Outcomes Below

Alternate Award Names	

External Benchmarks

Subject Benchmark Statement	

Programme Offering(s)

Mode of Study, Mode of Delivery	Intake Month	Teaching Institution	Programme Length
Part-Time, Face to Face	January	LJMU Taught	15 Weeks

Aims and Outcomes

Educational Aims of the Programme

To provide an understanding of cell culture as a technological component of aspects of biological research and commercial exploitation.

Learning Outcomes

Code	Description
PLO1	Demonstrate an advanced understanding of the applications of cell technology and critically discuss the techniques used in culturing animal cells.
PLO2	Critically discuss the principles involved in the commercial production of therapeutic agents from cells.
PLO3	Analyze, interpret and critically discuss data relating to cell technology.
PLO4	Critically evaluate methods which are commonly used in plant cell culture

Programme Structure

Programme Structure Description

The CPD is delivered through the 7104BTBMOL module (20 credits) on the MSc Industrial Biotechnology programme. The programme content is identical to the module content of 7104BTBMOL.

Structure - 20 credit points	
Level 7 Core - 20 credit points	CORE
[MODULE] 7104BTBMOL Cell Technology Approved 2022.01 - 20 credit points	

Module specifications may be accessed at https://proformas.ljmu.ac.uk/Default.aspx

Teaching, Learning and Assessment

The programme is delivered through lectures, practical and seminars, as described for 7104BTBMOL.

Assessments are through report based on practical sessions and a written examination, same as for 7104BTBMOL.

Opportunities for work related learning

Employability: The practical sessions on the course are based upon the work undertaken by scientists working in the biotechnology industry sector and those pursuing research career in the life sciences. They will give the student the necessary skills and experience to meet the workplace needs of biotechnology companies. They have been developed in consultation with employers of biotechnology graduates who have confirmed that the practical sessions are suitable and applicable to the industrial and biomedical workplace.

Entry Requirements

Type	Description
Undergraduate degree	Graduates: Normally entrants to the programme will have at least a lower second class degree (2:2) in biology or related science. Applicants who do not meet the normal entry requirements but do hold a nationally recognised higher qualification (HNC/HND) and relevant industrial/professional experience will be interviewed, to assess if they have the necessary skills to complete the programme. Satisfactory references will also be required.

Extra Entry Requirements