Manufacturing Regenerative Medicines: from Lab Bench to Industry (BENG0011)

**Description**

The aim of the module is to introduce students to tools and technologies that underpin manufacture of stem cell-based regenerative medicine products. These are becoming increasingly important for 21st century healthcare and which will require talented multi-disciplinary engineers and scientists able to create sustainable manufacturing pathways.

Specific aims will be to ensure all students irrespective of their background discipline will have a fundamental understanding of the cell biology that underpins stem cell manufacture and an understanding of the process options and challenges for moving into industrial systems.

This module can be taken as stand-alone or as part of the Regenerative Medicine Minor.

**Key information**

- **Year**: 2018/19
- **Credit value**: 15 (150 study hours)
- **Delivery**: UG L5, Campus-based
- **Reading List**: [View on UCL website](https://www.ucl.ac.uk)
- **Tutor**: Dr Yuhong Zhou
- **Term**: Term 2
- **Timetable**: [View on UCL website](https://www.ucl.ac.uk)

**Assessment**

- Coursework: 15%
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- Written examination (departmentally managed): 10%
- Written examination (main exam period): 60%

**Find out more**

For more information about the department, programmes, relevant open days and to browse other modules, visit [ucl.ac.uk](http://ucl.ac.uk).

Disclaimer: All information correct as of December 2018. Please note that aspects of the module may be subject to change. UCL will make best efforts to inform applicants of major changes.