

Lecture, Practical, Independent work

Extra information on the teaching methods

Theory: lecture using power point presentations which will be made available via the electronic learning platform and also movies on the topic. Practical: biotechnological engineering techniques focused on the contents of the course and to be performed by the student in the laboratory. Master's dissertation: possibility to prepare a Master's dissertation.

Study material

Type: Syllabus

Name: HUMAN AND ANIMAL BIOTECHNOLOGY

Indicative price: € 15

Optional: no

Language : English

Number of Pages : 184

Available on Ufora : No

Online Available : No

Available in the Library : No

Available through Student Association : No

Additional information: Available for sale during the first lecture.

Type: Slides

Name: HUMAN AND ANIMAL BIOTECHNOLOGY

Indicative price: Free or paid by faculty

Optional: no

Language : English

Number of Slides : 616

Available on Ufora : Yes

Online Available : No

Available in the Library : No

Available through Student Association : No

Additional information: Available on UFORA a few days before each lecture.

Type: Handouts

Name: HUMAN AND ANIMAL BIOTECHNOLOGY - Practical Protocols etc.

Indicative price: € 5

Optional: no

Language : English

Number of Pages : 15

Available on Ufora : Yes

Online Available : No

Available in the Library : No

Available through Student Association : No

Usability and Lifetime within the Course Unit : regularly

Usability and Lifetime within the Study Programme : one-time

Usability and Lifetime after the Study Programme : not

Additional information: Available for sale during the first lecture. The student is expected to bring the Protocol to the Practical.

References

- 1) Animal Cell culture: essential methods; Wiley-Blackwell, (2011). J.M. Davis, J. Wiley and Sons Inc., Hoboken, New Jersey, US.
- 2) Methods in Molecular Biology: 3D Cell Culture, Zuzana Koledova (Editor), Humana Press (2017);
- 3) The immortal life of Henrietta Lacks by Rebecca Skloot, (2010), Crown Publishers New York,
- 4) Textbook of drug design and discovery (2016), 5th Edition, K. Stromgaard, P. Krosgsgaard-Larsen, Ulf Madsen (editors), CRC Press,
- 5) Methods in Molecular Biology, Vaccine design, S. Thomas (editor), Springer, New York

Course content-related study coaching

Teacher and assistant available for student counseling

Assessment moments

end-of-term and continuous assessment

Examination methods in case of periodic assessment during the first examination period

Written assessment, Assignment

Examination methods in case of periodic assessment during the second examination period

Written assessment, Assignment

Examination methods in case of permanent assessment

Participation, Written assessment, Assignment

Possibilities of retake in case of permanent assessment

examination during the second examination period is not possible

Extra information on the examination methods

Lectures: written examination

Practical: written assignment and participation

Calculation of the examination mark

Lectures: 90% and practical 10%

Students who eschew period aligned and/or non-period aligned evaluations for this course unit may be failed by the examiner.