

Stem Cell Module

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Effectives: 30

Language: English

Prerequisites:

Where?

Buffon Building, Grands
Moulins Campus

When?

see planning

Evaluation:

Oral presentation on the
Friday.

Questions:

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Number ECTS: 3

Total numbers of hours:
30 hours

Teaching format:

conferences + journal
club

Teaching objectives:

Cover fundamental aspects of stem cell biology, from embryonic and induced pluripotent stem cells to adult stem cells, in rodents and primates

Replace stem cells in the context of development, aging and diseases.

Discuss the use of stem cells in basic research and potential applications for regenerative medicine.

Address ethical aspects associated with stem cell research.

Teaching outline:

2-3 lectures per day of 1h30-3hrs
Friday dedicated to exam