Description:
This is a seminar and reading course devoted to discussion of different types of stem cells. The course will highlight ongoing research at the Johns Hopkins University and current advances in the stem cells field. The topics will range from pluripotent stem cells (embryonic stem cells and induced pluripotent stem cells) to multipotent somatic stem cells (in brain, heart, blood, etc.). Both basic biology of stem cells as well as bioengineering and potential application of these stem cells for treatments of human diseases will be covered. This elective course is limited to 25 students.