

SESSION TOPICS

| # | DATE | TOPIC | REVIEWS | PAPERS |
|----|---------|---|---|--|
| 1 | 10 / 01 | Course Introduction Embryonic Stem Cell Biology | Stem Cell Primer, ISSCR. Yamanaka, Dev. Dyn. 235: 2301-14 Scadden, Nature 441: 1075-79. | Chauzaud et al., Dev. Cell 10: 615-24. Bendall et al, Nature 442: 533-38. |
| 2 | 10 / 08 | Stem Cell Self-Renewal | Donovan et al, Nature 414: 92-7. Keller, G+D 19: 1129-55. Cellot, Cell 129: 239-41. | Galan-Caridad et al., Cell 129: 345-57. Ivanova et al, Nature 442: 533-38. |
| 3 | 10 / 15 | Embryonic Stem Cell Reprogramming | Hochedlinger, Nature 441: 1061-7. Gurdon, ARCDDB 1613: 1-22. | Okita et al., Nature 448: 313-18. Egli et al., Nature 447: 679-86. |
| 4 | 10 / 22 | Embryonic Stem Cell Derivation | Solter, Nature Reviews Genetics 7: 319-27. | Kim et al., Science 315: 482-86. Niwa et al., Cell 123: 917-29. |
| 5 | 10 / 29 | Stem Cells and Regeneration | Sanchez Alvarado, Cell 124: 241-5. | Reddien et al, Science 310: 1327-30. Lee et al, Development 132: 5173-83. |
| 6 | 11 / 05 | Primordial Germ Cells | Kunwar et al, ANRVCDB 22: 237-65. Raz and Fried, COGD 16: 355-9. | Knaut et al, Nature 421: 279-82. Seandel et al., Nature 449: 346-52. |
| 7 | 11 / 12 | Germline Stem Cells | Wong et al, ARG 39: 173-95. Yamashita et al, J.Cell Sci 118: 665-72. | Kiger and Jones et al, Science 294: 2542-5. Decotto and Spradling, Dev. Cell 9: 501-10. |
| 8 | 11 / 19 | Hematopoietic Stem Cells | Bryder et al, AJP 169: 338-46. Adams and Scadden, NI 7: 333-7. | Kim et al., Cell 130: 470-83 North et al., Nature 447: 1007-12. |
| 9 | 11 / 26 | Neural Stem Cells | Temple, Nature 414: 112-17. Gage, Science 287: 1433-38. | Morrison et al, Cell 96: 737-49. Lie et al, Nature 437: 1370-5. |
| 10 | 12 / 03 | Epithelial Stem Cells | Radtke et al, CMM 6: 275-289. Watt, COG+D 11: 410-17. | Blanpain et al, Cell 118: 635-48. Holmberg et al, Cell 125: 1151-63. |
| 11 | 12 / 10 | Cancer Stem Cells | Clarke and Fuller, Cell 124: 1111-15. Morrison and Kimble Kelly et al., Science 317: 337. | Krivtsov et al, Nature 442: 818-22. Barabe et al., Science 316: 600-04. |