

CB7004 Cell and Molecular Biology 2011 Schedule*Classes meet on Tue/Wed from 3 - 5 pm in 1.13 BSI unless noted*

| Date | Topic | Lecturer |
|-------------|--|--|
| 11-Oct | Introduction/DNA replication | Dr. Kellie Dean |
| 12-Oct | Cell cycle regulation | Prof. Rosemary O'Connor |
| 18-Oct | DNA repair mechanisms and DDR | Dr. Michael Carty, NUI-Galway |
| 19-Oct | DNA licensing and telomeres | Dr. Kellie Dean |
| 25-Oct | Epigenetic mechanisms/chromatin structure | Dr. Tom Moore |
| 26-Oct | Transcription | Dr. Kellie Dean |
| 01-Nov | RNA processing | Dr. Kellie Dean |
| 02-Nov | Translation | Dr. Gary Loughran |
| 08-Nov | Post-Grad Annual Reviews Biochemistry (no class) | |
| 09-Nov | Post-translational events and protein degradation | Dr. Eoin Fleming |
| 15-Nov | Regulation of gene expression | Dr. Kellie Dean |
| 16-Nov | Signalling overview: receptor tyrosine kinase family | Dr. Pat Kiely, University of Limerick |
| 22-Nov | Yeast as a model of eukaryotic signalling | Dr. John Morrissey |
| 23-Nov | Small GTPases | Prof. Mary McCaffrey |
| 29-Nov | *3:30 - 5:30 Rm 1.38 BSI EBV: cellular transformation and immunological effects | Dr. Dermot Walls, Dublin City University |
| 30-Nov | Environmental sensing in microbes and inter-kingdom signalling | Dr. David Clarke |
| 06-Dec | Regulation of signalling by phosphatases/ROS signalling | Dr. Deirdre Buckley/Dr. John Woolley |
| 07-Dec | Apoptosis | Prof. Tom Cotter |
| 13-Dec | Cytoskeleton and cell migration | Dr. Paul Young |
| 14-Dec | Metabolism, circadian rhythm and cancer | Dr. Kellie Dean/Prof. Rosemary O'Connor |