

**Lecture schedules for Graduate Microbiology Course  
Department of Biotechnology, Osaka University November-December, 2010**

All regular lectures 10:30-12:00

C1-112

生物プロセス工学

Text: Michael T. Madigan, John M. Martinko, Paul V. Dunlap, and David P. Clark (2009)  
*Brock Biology of Microorganisms*, 12<sup>th</sup> Edition

Lecturers: Professor Simon Silver ([simon@uic.edu](mailto:simon@uic.edu)) and Dr. Le T. Phung ([lephung@uic.edu](mailto:lephung@uic.edu))  
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|------|------------------------------|---|
| 1    | Wednesday, November 10       | <b>Chapter 2, The Microbial World</b>   |
| 2    | Friday, November 12          | <b>Chapter 14, Microbial evolution and systematics</b>  |
| 3    | Monday, November 15          | <b>Chapter 4, Cell structure and function</b>   |
| 4    | Wednesday, November 17       | <b>Chapter 8 and Chapter 17 Archaea</b>   |
| 5    | Friday, November 19          | <b>Chapters 10 and 19, Viruses and virology</b>   |
| 6    | Monday, November 22          | <b>Chapter 6, Microbial growth</b>  |
| 7    | Wednesday, November 24       | <b>Chapter 11, Principles of bacterial genetics</b>   |
| 8    | Friday, November 26          | <b>Chapter 9, Regulation of gene expression</b>   |
| 9    | Monday, November 29          | <b>Chapter 12, Genetic engineering</b>  |
| 10   | Wednesday, December 1        | <b>Chapter 13, Microbial genomics</b>   |
| 11   | Friday, December 3           | <b>Chapters 24 and 25, Bioremediation, symbiosis and biotechnology</b>  |
| 12   | Monday, December 6           | <b>Chapter 15, Bacteria: the Proteobacteria</b>   |
| 12a. | Monday, December 6, 2PM-3PM. | <b>A thousand Human Genomes; the Human Genome; Out of Africa: Human origins, spread and diversity from DNA analysis</b> |
| 13   | Wednesday, December 8        | <b>Chapter 16, Gram positive (and other bacteria)</b>   |