

LECTURE TOPICS

BS101, Special Session II

Time: Monday and Thursday, 8:30 pm – 10:20 pm

Room: SBS-CR2

18/06/07 **The molecular components of cells**

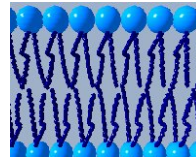
- amino acids and proteins



A/Prof. G. Grüber

21/06/07 **The molecular components of cells**

- the nucleic acids, carbohydrates and lipids



A/Prof. G. Grüber

25/06/07 **Cells as macromolecular assemblies**

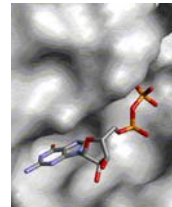
- cells are organized into compartments



A/Prof. G. Grüber

28/06/07 **Energetics**

- catabolism and the generation of phosphate-bond energy



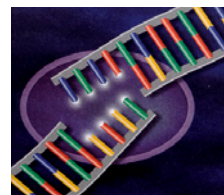
Prof. A. S.-K. Law

02/07/07 **Gene and Genetics**



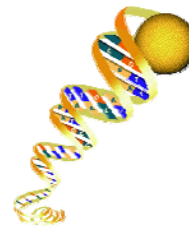
Prof. K. E. Karjalainen

05/07/07 **Molecular Genetics**



Prof. K. E. Karjalainen

09/07/07 **Genomics**



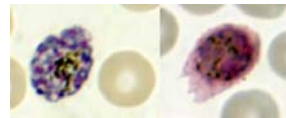
Prof. K. E. Karjalainen

12/07/07 **Viruses**



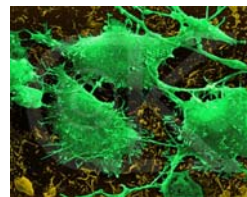
Prof. A. S.-K. Law

16/07/07 **Microorganism and Diseases**



A/Prof. P. R. Preiser

19/07/07 **Multicellular Organism and Cancer**



Prof. A. S.-K. Law

Tutorials BS101

Special Session II

Time: Monday and Thursday, 14:30 pm – 15:20 pm

Room: SBS-CR2

18/06/07	The molecular components of cells - amino acids and proteins	A. B. Manikkoth
21/06/07	The molecular components of cells - the nucleic acids, carbohydrates and lipids	A. B. Manikkoth
25/06/07	Cells as macromolecular assemblies	Dr. S. M. Malathy Sony
28/06/07	Energetics	Dr. S. M. Malathy Sony
02/07/07	Gene and Genetics	Dr. G. Biuković
05/07/07	Molecular Genetics	Dr. G. Biuković
09/07/07	Genomics	Dr. G. Biuković
12/07/07	Viruses	Dr. C. Hunke
16/07/07	Microorganism and Diseases	Dr. C. Hunke
19/07/07	Multicellular Organism and Cancer	Dr. C. Hunke

Recommended textbooks for the students:

1. *Raven, Johnson, Losos, & Singer: BIOLOGY – 8th edition, McGraw Hill*
2. *Lewis, Gaffin, Hoefnagels, & Parker: LIFE – 7th edition, McGraw Hill*
3. *Campbell & Reece: BIOLOGY 7th edition, Pearson*
4. *Campbell, Reece, Taylor & Simon: BIOLOGY (Concepts and Connections) Minkoff & Baker:*
5. *BIOLOGY TODAY 3rd edition, Garland 5th edition, Pearson*

Coordinator:

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