

Topics in Biochemistry

Enzymes: from drug metabolism to biocatalysis

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#	Wed 31 May	Thr 1 Jun
10-11.30	Drug metabolism (biotransformation), transport, and the many different enzymes that catalyze these reactions. Why the system is so large and complex?-MOSHE FINEL	Molecular docking in a nutshell: what 'in silico' simulations can do for 'drug-designers"-GIANLUCA MOLLA
11.30-13	Fantastic enzymes and where to find them. How enzyme could be exploited to produce value compounds such as drugs and antibiotics. The example of D-amino acid oxidase and cephalosporin C acylase-GIANLUCA MOLLA	The UDP-glucuronosyltransferases (UGTs), a challenging family of membrane enzymes – MOSHE FINEL
13-14	free time	free time
14-17	work in small groups and final discussion with MOSHE FINEL	work in small groups and final discussion with GIANLUCA MOLLA