

## Medicinal Chemistry II, Spring 2014

NOTE: This schedule might be subject to minor changes as we at present time do not know the number of students.

At the beginning of the course the lectures will be based on hand-outs that will be given to the students at the start of the course.

Date	Time	Lecture	Lecturer
Mon 24/3	9 <sup>30</sup> -12	Roll call and introduction	AU
	13 <sup>00</sup> -15 <sup>30</sup>	Historical background/drug development	AU
Tue 25/3	9 <sup>30</sup> -12	Pharmacokinetics	AU
Wed 26/3	9 <sup>30</sup> -12	Binding of ligands	AU
Thu 27/3	9 <sup>30</sup> -12	Enzymes	AU
Fri 28/3	9 <sup>30</sup> -12	Enzyme inhibition	AU
Mon 31/3	9 <sup>30</sup> -12	Enzyme inhibition	AU
Tue 1/4	9 <sup>30</sup> -12	Enzyme inhibition	
Wed 2/4	9 <sup>30</sup> -12	Receptors	AU
Thu 3/4			
Fri 4/4	9 <sup>30</sup> -12	Receptors	AU
Mon 7/4	9 <sup>30</sup> -12	Receptors	AU
Tue 8/4		Preparations for dugga	
Wed 9/4		Preparations for dugga	
Thu 10/4	9 <sup>30</sup> -12	Dugga	
Fri 11/4	9 <sup>30</sup> -	Lab group 1	
Mon 14/4	9 <sup>30</sup> -12	Lab group 2	
Tue 15/4	9 <sup>30</sup> -12	Anticancer agents I (21)	AU
Wed 16/4	9 <sup>30</sup> -12	Anticancer agents II (21)	AU
Thu 17/4			
Fri 18/4			
Mon 21/4			
Tue 22/4			
Wed 23/4		<b>Easter</b>	
Thu 24/4			
Fri 25/4			
Mon 28/4	9 <sup>30</sup> -12	Antibacterial agents (19) I	BÅ
Tue 29/4	9 <sup>30</sup> -12	Antibacterial agents (19) II	BÅ
Wed 30/4			
Thu 1/5			
Fri 2/5			
Mo 5/5	9 <sup>30</sup> -12	Inflammation, disease and pharmacology (I)	KI
Tue 6/5	9 <sup>30</sup> -12	Inflammation, disease and pharmacology (I)	KI
Wed 7/5	9 <sup>30</sup> -12	Cardiovascular pharmacology I	AU

Thu 8/5	9 <sup>30</sup> -12	Cardiovascular pharmacology II	AU
Fri 9/5	9 <sup>30</sup> -12	Cholinergic drugs (22)	AU
Mon 12/5	9 <sup>30</sup> -12	Diabetes	AU
Tue 13/5	9 <sup>30</sup> -12	Adrenergic drugs (23)	AU
Wed 14/5	9 <sup>30</sup> -12		
Thu 15/5	9 <sup>30</sup> -12	Antiulcer drugs (25)	AU
Fri 16/5	9 <sup>30</sup> -12	Antiviral drugs (20)	AU
Mon 19/5	9 <sup>30</sup> -12	Drug delivery	UL
Tue 20/5	9 <sup>30</sup> -12	Opioids (24)	AU/BÅ
Wed 21/5	9 <sup>30</sup> -12	Drugs acting on the nervous system I	AU
Thu 22/5	9 <sup>30</sup> -12	Drugs acting on the nervous system II	AU
Fri 23/5	9 <sup>30</sup> -12	Preparations for seminars	
Mon 26/5	9 <sup>30</sup> -12	Summary of central concepts	AU
Tue 27/5		Preparations for seminars	
Wed 28/5		Preparations for seminars	
Thu 29/5			
Fri 30/5		Seminar presentation: PowerPoint presentation sent by e-mail to AU	
Mon 2/6	9 <sup>30</sup> -	Seminars	
Tue 3/6	9 <sup>30</sup> -12	Questions, review of old examinations	
Wed 4/6			
Thu 5/6	9 <sup>30</sup> -14 <sup>00</sup>	Examination	

#### Lecturers

AMA	Andrés Muñoz-Alarcón
KI	Kerstin Iverfeldt
UL	Ülo Langel
AU	Anders Undén
BÅ	Björn Åkermark

Litterature Graham L. Patrick: An introduction to medicinal chemistry. Oxford University Press 4<sup>th</sup> edition  
Hand-outs from individual lectures.