










Natural Toxins as Probes of Cellular Targets

Yale University School of Medicine
Pharmacology 502A, Spring 2002

Location and Time

The course will meet for 1 hour on Wednesdays from 2:30 to 3:30 in the Giarman Room, 333 Cedar Street, Department of Pharmacology, Spring, 2002.

Schedule

Date	Lecturer/Student	Topic	Reading
Feb 13	Erin Lew	Microcystin and related inhibitors of protein phosphatases	 2002, J Biol Chem 277, 2804-2811.
Feb 20	Sagar Kapadia	α-amanitin, a cyclic peptide inhibitor of RNA pol II from a poison mushroom	 1999, EMBO J 18, 2855-2866.
Feb 27		No session - Biophysical Meeting	
Mar 6	Shumin Bian	Saporin containing immunotoxins	 2000, Br J Haematol 110, 351-361.
Mar 13		No session - Spring Recess	
Mar 20		No session - Spring Recess	
Mar 27	Zoltan Takacs	Dendrotoxins: inhibitors of K⁺ channels	 2000, J Mol Biol 296, 1283-1294.
Apr 3	Alessandra Giodini	Taxol: inhibitor of mitosis and anti-cancer agent	 2000, Cancer Res 60, 4426-4432.
Apr 10	Yuri Kaulin	α-latrotoxin and its receptors	 2000, J Biol Chem 275, 41175-41183.
Apr 17	Jon-Paul Bingham	Conotoxins	 2002, FEBS Lett 511, 159-164.

Instructors' Contact

[Prof Edward Moczydlowski](#) - Course Director

[Dr Jon-Paul Bingham](#) - Lecturer

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