课程名（Coursename）

Chemical Tools for Assessing Biological Function

课程代码（Coursenumber）

5.55

课程对象（Audience）

Graduate

选课前提（prerequisite）

5.43; 5.07 or 7.05; Coreq: 5.47 or 5.52

单元（units）

2-0-4

添加至时间表 （add to schedule）

开课教师（Teacher）

B. Imperiali, F. White

学期（Semester）

spring term

课程描述（Description）

Contemporary bioorganic chemistry and chemical biology, emphasizing the application of chemical approaches to interrogate biochemical function. Selected topics include specific enzyme inhibition as a mechanism for rational drug design; molecular mechanisms of drug resistance; uses of intrinsic and extrinsic reporter functionality to understand biological functions and interactions; chemical methods for probing cellular activities in real time. Meets with 20.485 for second half of term.

备注（notes）

H-level Grad Credit

教参信息（Textbookinfo）

The Gene Wars: Science, Politics, And The Human Genome by Robert M. Cook-Deegan (Paperback - Jan. 17, 1996)

Publisher: W. W. Norton and Company, Inc. (January 17, 1996)

ISBN-13: 978-0393313994