

## 附件一

“经典阅读计划”领读教师报名表

姓名	Honggao Yan	所在院部	药学院药理系
教师简介			
<p>我是美国密歇根州立大学荣休教授，现任中国药科大学药学院教授。我是一个蛋白质生物化学家和结构生物学家，专长分子生物学、蛋白质生物化学、酶学、热力学、动力学、蛋白质核磁共振光谱学、蛋白质结晶学、量子化学计算和分子动力学模拟。我的研究兴趣集中于蛋白质结构、功能和动力学，以及在蛋白质工程和基于结构的药物设计中的应用。我曾担任两届（十年）Journal of Biological Chemistry (美国生物化学和分子生物学学会生物化学杂志) 的编委，并为 20 多家科学期刊审稿。我在美国国立卫生研究院评审小组和美国国家自然科学基金评审小组任评委多年。在国内，我曾担任北京大学客座教授，中国科学院长春应用化学研究所客座教授，和中国科学院武汉物理与数学研究所海外知名学者和客座教授。</p> <p>I am Professor Emeritus of Michigan State University, USA and currently Professor of School of Pharmacy, China Pharmaceutical University. I am a protein biochemist and structural biologist, with expertise in molecular biology, protein biochemistry, enzymology, thermodynamics, kinetics, protein NMR, protein crystallography, quantum chemical calculation, and molecular dynamics simulation. My research interests focus on protein structure, function, and dynamics with applications to protein engineering and structure-based drug design. I have served on the editorial board of Journal of Biological Chemistry for two terms for ten years and as an ad hoc reviewer for over 20 scientific journals. I have served on the study sections of National Institutes of Health of USA for many years and the review panels of National Science Foundation of USA for many years. In China, I have been a guest professor of Peking University and a guest professor of Changchun Institute of Applied Chemistry, Chinese Academy of Sciences and served as an oversea eminent scholar and guest professor at Wuhan Institute of Physics and Mathematics, Chinese Academy of Sciences.</p>			
计划阅读书目			
序号	书籍名称	书籍简介（书籍内容、书籍推荐理由、领读意义）	
1	The Drug	书籍内容 The Drug Hunters: The Improbable Quest to Discover New	

<p>Hunters: The Improbable Quest to Discover New Medicines</p>	<p>Medicines by Donald R. Kirsch and Ogi Ogas, Arcade, 2016. Print Length: 424 pages; audio book: 7 hrs and 35 mins, narrated by James Foster. 豆瓣评分 8.4 <a href="https://book.douban.com/subject/34436558/">https://book.douban.com/subject/34436558/</a></p> <p><b>中文出版社介绍:</b></p> <p>世界第一场麻醉手术竟是为了拔牙? 曾席卷欧洲、造成大量人口死亡的霍乱病菌如何被消灭? 小儿麻痹症与食用精制糖有关系吗? 口服避孕药的成功研发对社会、政治产生了怎样深刻的影响?</p> <p>这是一个神奇、冒险, 却足以改变世界的职业。从史前时代开始, 深受寄生虫困扰的祖先们, 就尝试咀嚼树根或叶子以减轻病痛, 他们是古老的猎药师。直到 19 世纪, 人们才首次以比较科学的方式发现了药物。</p> <p>这本书的作者是一位有着 35 年职业经验的老猎药师, 他笔下记录的, 是一群凭借直觉、毅力和运气发现真理的猎药师, 以及他们寻找新药的坎坷旅程。</p> <p>麻醉药、抗生素、胰岛素、避孕药、抗抑郁药……每一种新药的问世, 都有着猎药师们不为人知的艰辛付出, 他们将自己暴露在已知或未知的危险中, 在不计其数的化合物中反复筛选、试错, 才让治疗疾病、挽救生命成为可能。</p> <p><b>英文出版社介绍</b></p> <p><i>The Drug Hunters</i> is a colorful, fact-filled narrative history of the search for new medicines from our Neolithic forebears to</p>
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the professionals of today, and from quinine and aspirin to Viagra, Prozac, and Lipitor. The chapters offer a lively tour of how new drugs are actually found, the discovery strategies, the mistakes, and the rare successes. Dr. Donald R. Kirsch infuses the book with his own expertise and experiences from thirty-five years of drug hunting, whether searching for life-saving molecules in mudflats by Chesapeake Bay or as a chief science officer and research group leader at major pharmaceutical companies.

#### 书籍推荐理由、领读意义

I recommend this book because I feel that all students interested in drug discovery and development need to know a bit about its history and this book is an excellent introductory book about this history. The goals are to learn the history of drug discovery and development, improve English proficiency, and enhance the ability to communicate science to the general public. Because the book is in English, the reading will be in a “精读” format. It features paragraph and sentence studies and word-for-word reading (in English) mixed with explanations and discussions (in English and/or Chinese). The word-for-word reading will be performed by James Foster, a professional narrator, with the text of the book projected onto a large screen. The format may be adjusted as needed with student inputs. We may also watch some documentaries and/lectures on the topics covered by the book.

“经典阅读计划”活动安排

序号	日期	活动内容（书籍名、活动形式、活动内容）
	<b>10/28</b>	We will read the book “Drug Hunters” as outlined earlier. The reading group will meet once a week until the final exam weeks. There will be no reading in the final exam weeks. The first session will meet at 7 pm, October 28th and the times for the subsequent sessions will be determined by all participants at the first session.