

國立清華大學 108 學年第 1 學期新開課程課程大綱

Translational Genomic and Precision Medicine

Two credit

Monday, 3:30 ~5:20 PM

1. Systems Biology and Cell/organoid/organism-based Precision Medicine 喻秋華教授(9/9)
2. Drug discovery for Precision Medicine 黃奇英教授(9/16)
3. The evolving DNA sequencing technology (1 Hr) 張畫眉博士(9/23)
4. Basic skills and essential environments for sequencing data analysis (1 Hr) 王聿泰博士(9/23)
5. Precision Medicine of Neurodevelopmental Disorders 蔡金吾副教授(9/30)
6. Microbiota study for Precision Medicine 黃雪莉教授(10/7)
7. Precision Medicine of Hypertrophic Cardiomyopathy in Taiwan 賴俊吉博士(10/14)
8. Artificial Intelligence in Precision Medicine 徐唯哲博士(10/21)
9. Ethical, Legal, and Social Implications of PM 何之行博士(10/28)
10. Precision medicine: Opportunity and Challenge 蔡世峯教授(11/4)
11. Precision Medicine of Rare Diseases 林永豐博士(11/11)
12. The Opportunity and Challenge of Genomics Technologies in Clinical application 董建億博士(11/18)
13. Implication of PM on Biotech industry Ralph Kirby(11/25)
14. Precision Medicine of Upper Tract Urothelial Carcinoma 涂曉蓁博士(12/2)
15. Public Engagement in Precision Medicine 李佳儒博士 (12/9)
16. Database Management in Precision Medicine 許書睿博士 (12/16)
17. Precision Medicine in oncology 楊慕華教授(12/23)
18. Harnessing big data and analytics for precision medicine 國家衛生研究院論壇副執行長 江博煌(12/30)