

110 學年度第 2 學期 Precision Medicine (精準醫學)

時間 Time : **Thursday 1-3 pm**

地點 Place : **醫學院 10 樓 e 化教室(82-1024)**

Coordinator: 張雋曦 Chun Hei Antonio Cheung

<u>Date</u>	<u>Topic</u>	<u>Lecturer</u>
2/17	Course Introduction The lecture will begin 30 min (which is 12:30) ahead of the scheduled time.	張雋曦(藥理所)
2/24	From bench-to bedside-to bench – an overview for precision medicine	張雋曦
3/3	Application of Pharmacogenomics - Genetic Drug-Target Networks	張惠華(臨藥所)
3/10	Presentation / Discussion	張惠華
3/17	Data mining for Bioinformatics (including hands-on practice)	王智揚 (北醫)
3/24	The translational applications of Single-cell technologies	王智揚
3/31	校際活動日	
4/7	Precision Medicine and Single-cell sequencing in Kidney disease	黃道揚(國衛院)
4/14	Practices in single-cell RNA-seq analysis I (practicum)	黃道揚(國衛院) 鍾校木
4/21	Practices in single-cell RNA-seq analysis II (practicum)	黃道揚(國衛院) 鍾校木
4/28	Nanotechnology for precision medicine: personalized drug development and companion diagnosis	黃偉倫(奈米中心)
5/5	NCKU core research facility site visit and training	黃偉倫
5/12	Risk factors and Prevention of Hepatocellular carcinoma in the era of precision medicine	劉紋君(分醫所)
5/19	Presentation / Discussion	劉紋君
5/26	Next Generation Prenatal Medicine - Turning Fate into Choices	孫孝芳(分醫所)
6/2	Presentation / Discussion	孫孝芳
6/9	The application of NGS techniques in Rare Genetic Skin disorders	許釗凱(皮膚科)
6/16	Modern and Future perspectives of Precision medicine in clinical oncology	張光裕(國衛院)
	Modern and Future perspective of Precision medicine beyond clinical practice	陳尚鴻(國衛院)

* 6/3-17 期末考周