



MMPH6124 Basic Medical Bioengineering

Course Conducted on Every **Wednesday** from September 2022 to December 2022

Lecture Time & Date	Topic	Lecturer
9:30 -11:30 am September 21, 2022	Clinical neural engineering	Dr. Yong HU
9:30-11:30 am September 28, 2022	Brain stimulation and neural modulation	Dr. Lee Wei LIM
9:30-11:30 am October 5, 2022	Artificial intelligence-enabled medical image analysis	Dr. Grace TENG
9:30-11:30 am October 12, 2022	Tissue engineering	Prof. Barbara CHAN
9:30-11:30 am October 19, 2022	1) Stem cells and their biomedical applications 2) Mini project briefing	Dr. Victor LEUNG
9:30-11:30 am October 26, 2022	Ultrafast functional ultrasound imaging	Dr. Wei-Ning LEE
9:30-11:30 am November 2, 2022	Blood cells, functions & abnormalities	Dr. John KUBI
9:30-12:00 noon November 9, 2022	Bone fracture & remodeling	Dr. John KUBI
9:30-11:30 am November 16, 2022	Animal models of spinal disorder	Dr. Wai-Kit TAM
9:30-11:30 am November 23, 2022	Biomechanics of bone, material properties and force measurement	Prof. William LU
9:30-11:30 am November 30, 2022	Advanced optical bioimaging technologies	Prof. Kevin TSIA
9:30-11:30 am December 7, 2022	Biomedical instrumentation and technology	Dr. Zhiqin CHU

23 Aug 2022