



MMPH6186 Research methodologies in obstetrics and gynecology

Course Coordinator:	Philip C.N. Chiu
Delivery Mode of Lectures:	Face to face
Venue:	L7-45, NMC, Sassoon Road, HK
Final Examination:	TBC

	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
1	13 Oct 2023	1730-1830	Handling of DNA and mRNA	Dr. Calvin K.F. Lee
2	17 Oct 2023	1730-1830	Genomics techniques and transgenesis	Dr. Calvin K.F. Lee
3	20 Oct 2023	1730-1830	MicroRNAs	Dr. Mingo M.H. Yung
4	24 Oct 2023	1730-1830	Epigenetic study	Dr. Michelle M.K. Siu
5	27 Oct 2023	1730-1830	Handling of proteins	Dr. Philip C.N. Chiu
6	31 Oct 2023	1730-1830	Cell culture	Dr. Andy C.H. Chen
7	3 Nov 2023	1730-1830	Flow cytometry	Dr. Keith C.L. Lee
8	7 Nov 2023	1730-1830	Immunohistochemical techniques	Dr. Michelle M.K. Siu
9	10 Nov 2023	1730-1830	In vitro models	Dr. Mingo M.H. Yung
10	14 Nov 2023	1730-1830	In vivo models	Dr. Zhang Qingqing
11	17 Nov 2023	1730-1830	Single-cell analysis (ZOOM)	Dr. Cao DanDan
12	21 Nov 2023	1730-1830	Oncology example	Dr. Mingo M.H. Yung
13	24 Nov 2023	1730-1830	Mutation and SNP	Dr. Michelle M.K. Siu
14	28 Nov 2023	1730-1830	Endometrial receptivity models	Dr. Jiang Luhan
15	1 Dec 2023	1730-1830	Placental biology	Dr. Keith C.L. Lee
16	5 Dec 2023	1730-1830	Embryonic and induced pluripotent stem cells	Dr. Cherie Y.L. Lee
17	8 Dec 2023	1730-1830	Embryo culture and selection in human IVF	Dr. Kevin K.W. Lam
18	12 Dec 2023	1730-1830	Endometrial stem cells	Dr. Rachel W.S. Chan
19	15 Dec 2023	1730-1830	Advanced sperm selection methods	Dr. Erica T.Y. Leung
20	9 Jan 2024	1730-1830	Andrology: semen analysis and sperm function tests (ZOOM)	Dr. Duan Yong Gang

21	12 Jan 2024	1730-1830	Identification of cancer markers	Dr. Stephenie S. Liu
22	16 Jan 2024	1730-1830	Cancer cytogenetics	Dr. Stephenie S. Liu
23	19 Jan 2024	1730-1830	Analysis of meiotic chromosome behavior	Prof. Kui Liu
24	23 Jan 2024	1730-1830	Reproduction example	Prof. William S.B. Yeung
25	26 Feb 2024	1730-1830	Clinical trial	Prof. Ernest H.Y. Ng

NMC = Laboratory block, New Medical Complex