



**MMPH6186 Research Methodologies in Obstetrics and Gynecology (Semester 1)**

*Course Co-ordinator:* Philip C.N. Chiu  
*Venue:* L7-45, NMC, Sassoon Road, HK  
*Tentative Examination Date:* To be determined

<b>Date</b>	<b>Time</b>	<b>Lecture Topic</b>	<b>Lecturer</b>
14 Oct 2022	1730-1830	Handling of DNA and mRNA	Dr. Calvin K.F. Lee
18 Oct 2022	1730-1830	Genomics techniques and transgenesis	Dr. Calvin K.F. Lee
21 Oct 2022	1730-1830	MicroRNAs	Dr. Mingo M.H. Yung
25 Oct 2022	1730-1830	Epigenetic study	Dr. Michelle M.K. Siu
28 Oct 2022	1730-1830	Handling of proteins	Dr. Philip C.N. Chiu
1 Nov 2022	1730-1830	Cell culture	Dr. Andy C.H. Chen
4 Nov 2022	1730-1830	Flow cytometry	Dr. Keith C.L. Lee
8 Nov 2022	1730-1830	Immunohistochemical techniques	Dr. Michelle M.K. Siu
11 Nov 2022	1730-1830	In vitro models	Dr. Mingo M.H. Yung
15 Nov 2022	1730-1830	In vivo models	Dr. Zhang Qingqing
18 Nov 2022	1730-1830	Single-cell analysis	Dr. Cao DanDan
22 Nov 2022	1730-1830	Oncology example	Dr. Mingo M.H. Yung
25 Nov 2022	1730-1830	Mutation and SNP	Dr. Michelle M.K. Siu
29 Nov 2022	1730-1830	Identification of cancer markers	Dr. Stephenie S. Liu
2 Dec 2022	1730-1830	Cancer cytogenetics	Dr. Stephenie S. Liu
6 Dec 2022	1730-1830	Endometrial receptivity models	Dr. Jiang Luhan
9 Dec 2022	1730-1830	Embryo culture and selection in human IVF	Dr. Kevin K.W. Lam
13 Dec 2022	1730-1830	Embryonic and induced pluripotent stem cells	Dr. Cherie Y.L. Lee
16 Dec 2022	1730-1830	Endometrial stem cells	Dr. Rachel W.S. Chan
10 Jan 2023	1730-1830	Reproductive immunology	Dr. Keith C.L. Lee
13 Jan 2023	1730-1830	Andrology: semen analysis and sperm function tests	Dr. Duan Yong Gang
3 Feb 2023	1730-1830	Advanced sperm selection methods	Dr. Erica T.Y. Leung
7 Feb 2023	1730-1830	Analysis of meiotic chromosome behavior	Prof. Kui Liu
10 Feb 2023	1730-1830	Reproduction example	Prof. William S.B. Yeung
14 Feb 2023	1730-1830	Clinical trial	Prof. Ernest H.Y. Ng

NMC = Laboratory block, New Medical Complex