

**JABATAN OBSTETRIK & GINEKOLOGI FAKULTI
PERUBATAN UKM
(PUSAT REPRODUKTIF TERMAJU, ARC)**

**PROGRAM DIPLOMA PASCASISWAZAH EMBRIOLOGI (PDEK)
SESI 2022/2023**

DATE: 18 March – 6 Ogos 2023

HOLIDAY: 15-21 MEI 2023: MID SEM & 7 Ogos -8 Oct 2023 : SEMESTER BREAK

LECTURER SEMESTER 1

NAME	DEPARTMENT	REF
DR. MUHAMMAD AZRAI BIN ABU	O&G	
PROF (M) DR. ABDUL KADIR ABDUL KARIM	O&G	
PROF (M) DR. MOHD FAIZAL AHMAD	O&G	
PROF (M) DR. ANI AMELIA DATO' ZAINUDDIN	O&G	
PUAN NURSHAIREEN CHUE ABDULLAH	ARC	
PUAN FAZILAH ABDUL HAMID	ARC	
PROF (M) DR. ELZY SUHANA MOHD RAMLI	ANATOMI	
DR MOHAMAD FAIRUZ YAHYA	ANATOMI	
PROF (M) DR. MOHD HELMY MOKHTAR	FISIOLOGI	
DR. KHAIZURIN TAJUL ARIFIN	BIOKIMIA	
PN.SHARIFAH AZWEEN SYED OMAR	PEDIATRIK	
DR AZANTEE YAZMIE ABDUL WAHAB	IIUM	
DR. PHON SU EE	O&G	
PN. ILANAH ROSLI	EMBRIOLOGIST	
PN. AUDREY KIT	SUNFERT	
YEE SIEW YIN	SUNWAY CENTRE	
PROF DR. SHAMSUL AZHAR SHAH	PUBLIC HEALTH	

SEMESTER 1

18-24 MARCH 2023: WEEK 1 - ORIENTATION WEEK

WEEK 2: FFEK6114: BASIC ANATOMY IN REPRODUCTIVE

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 pm	1.00-2.00pm	2.00 – 5.00 pm
Mon 27/3/23	Briefing (Dr. Azrai)			L	
Tue 28/3/23		Basic anatomy of female reproductive system (AP Elvy Suhana)		U	
Wed 29/3/23				N	Tutorial: The abnormal anatomy of female reproductive tract and its clinical implication (AP Elvy Suhana)
Thu 30/3/23	Female reproductive organ during fetal life (AP Helmy)			C	
Fri 31/3/23				H	Tutorial Abnormality in female fetal reproductive system and its clinical implications (AP Ani Amelia)

WEEK 3: FFEK6114: BASIC ANATOMY IN REPRODUCTIVE

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00- 2.00pm	2.00 – 5.00 pm
Mon 3/4/23		Tutorial: Investigation in female subfertility (AP Faizal)		L	
Tue 4/4/23				U	Management of female subfertility (AP Faizal)
Wed 5/4/23		Basic anatomy of male reproductive system I (Dr. Mohamad Fairuz)		N	
Thu 6/4/23	Male Reproductive organ during fetal life (AP Helmy)			C	Tutorial: The abnormal anatomy of male reproductive tract and its clinical implication (Dr. Mohamad Fairuz)
Fri 7/4/23				H	Tutorial: Abnormality in male fetal reproductive system and its clinical implications (Dr. Mohamad Fairuz)

WEEK 4: FFEK6114: BASIC ANATOMY IN REPRODUCTIVE

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00-2.00pm	2.00 – 5.00 pm
Mon 10/4/23		Male subfertility investigation (AP Kadir)		L	Tutorial: Management of male subfertility (AP Kadir)
Tue 11/4/23	Basic human genetics (Dr. Zurin)			U	
Wed 12/4/23				N	
Thu 13/4/23				C	
Fri 14/4/23				H	

WEEK 5: FFEK6113: BASIC PHYSIOLOGY IN REPRODUCTIVE

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00-2.00 pm	2.00 – 5.00 pm
Mon 17/4/23		Basic physiology of female reproductive system (AP Helmy)		L	
Tue 18/4/23	Basic in human embryology I – Normal fertilization (FFEK6114) (Dr Azantee)		Oogenesis (Dr.Azrai)	U	Tutorial: Abnormal oogenesis and its fertility consequences (Dr.Azrai)
Wed 19/4/23	Basic in human embryology II – abnormal fertilization (FFEK6114) (Dr Azantee)		Brief treatment in abnormal oogenesis (Dr.Azrai)	N	
Thu 20/4/23	Menstrual cycle and its abnormality (Dr. Su Ee)			C	
Fri 21/4/23		Menstrual abnormality and its fertility consequences (Dr. Su Ee)		H	Tutorial: Treatment in menstrual abnormality (Dr. Su Ee)

WEEK 6: FFEK6113: BASIC PHYSIOLOGY IN REPRODUCTIVE

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00-2.00pm	2.00 – 5.00 pm
Mon 24/4/23		Basic physiology of male reproductive system (AP Kadir)		L	
Tue 25/4/23				U	
Wed 26/4/23	Spermatogenesis (AP Kadir)			N	
Thu 27/4/23				C	Tutorial: Abnormal spermatogenesis and its fertility consequences (AP Kadir)
Fri 28/4/23				H	

WEEK 7: FFEK6113: BASIC PHYSIOLOGY IN REPRODUCTIVE

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00-2.00 pm	2.00 – 5.00 pm
Mon 1/5/23		Introduction to ART treatment (AP Faizal)		L	
Tue 2/5/23		ART protocol (AP Faizal)		U	
Wed 3/5/23			Genetic disorder and its fertility sequelae (FFEK6114) (Pn.Sharifah Azwin)	N	
Thu 4/5/23				C	Tutorial: Complications following ART treatment (AP Faizal)
Fri 5/5/23				H	Management of genetic disorder (FFEK6114) (Pn.Sharifah Azwin)

WEEK 8: FFEK6134: BASIC OF REPRODUCTIVE LABARATORY

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00-2.00 pm	2.00 – 5.00 pm
Mon 8/5/23		Introduction to embryology laboratory facilities (Pn. Ilanah)		L	
Tue 9/5/23		Introduction of media and consumables (Pn. Ilanah)		U	Good Laboratory Practices (Safety, Security, Sterility, hygiene, dressing code) (Pn. Ilanah)
Wed 10/5/23		Media preparation (Pn. Ilanah)		N	Oocyte identification, denuding and selection (Pn. Ilanah)
Thu 11/5/23				C	
Fri 12/5/23		Tutorial: Oocyte, embryo and blastocyst grading (Pn. Ilanah)		H	

WEEK 9: 15-21 MEI 2023: MID SEMESTER BREAK

WEEK 10: FFEK6134: BASIC OF REPRODUCTIVE LABARATORY

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00-2.00 pm	2.00 – 5.00 pm
Mon 22/5/23		IVF vs ICSI procedure (Pn. Audrey)		L	
Tue 23/5/23		IVF/ICSI culture (Pn. Audrey)	Fertilization checking (Pn. Nurshaireen)	U	
Wed 24/5/23		Procedure in ART (OPU/ET) (Pn. Nurshaireen)		N	
Thu 25/5/23		Embryo cryopreservation (Pn. Ilanah)		C	
Fri 26/5/23			Embryo thawing (Pn. Ilanah)	H	

WEEK 11: FFEK6134: BASIC OF REPRODUCTIVE LABARATORY

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00-2.00 pm	2.00 – 5.00 pm
Mon 29/5/23		Oocyte cryopreservation (Pn. Ilanah)		L	
Tue 30/5/23				U	Gametes storage I - Gametes selection, grading and labelling (Dr Azantee)
Wed 31/5/23				N	Gametes storage II - Review, contamination (Dr Azantee)
Thu 1/6/23				C	Gametes storage III - Transfer to other centre, security and confidentiality (Dr Azantee)
Fri 2/6/23				H	Tutorial : Embryology Laboratory tour (Pn. Fazilah)

WEEK 12: FFEK6134: BASIC OF REPRODUCTIVE LABARATORY

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00-2.00 pm	2.00 – 5.00 pm
Mon 5/6/23		ART lab management I Data and equipment management (Lee Siew Yin)		L	
Tue 6/6/23		ART lab management II Documentation and report (Lee Siew Yin)		U	
Wed 7/6/23		ART lab management III -Termination and disposal of cryopreserved gametes - Waste management (Lee Siew Yin)		N	
Thu 8/6/23		ART lab management IV -purchasing asset and consummables -budget (Pn. Fazilah)		C	
Fri 9/6/23		ART lab management V - Research - Audit (Pn. Fazilah)		H	Trouble shooting – culture media, lab environment and risk management (Pn. Audrey)

WEEK 13: FFEK6133: BASIC OF ETHICS AND RESEARCH

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00-2.00 pm	2.00 – 5.00 pm
Mon 12/6/23		Introduction to Research Methodolgy (Prof Shamsul)		L	
Tue 13/6/23		Introduction to Research Methodolgy (Prof Shamsul)		U	
Wed 14/6/23				N	Introduction to Research Methodolgy (Prof Shamsul)
Thu 15/6/23				C	
Fri 16/6/23				H	Introduction to Research Methodolgy (Prof Shamsul)

**WEEK 14: FFEK6133: BASIC OF ETHICS AND RESEARCH
FFEK6112: MINI PROJECT PROPOSAL**

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00-2.00 pm	2.00 – 5.00 pm
Mon 19/6/23		Introduction to Research Methodolgy (Prof Shamsul)		L	
Tue 20/6/23		Proposal writing I Selection of Mini project topic (AP Faizal)		U	
Wed 21/6/23		Proposal writing II Executive summary (AP Faizal)		N	
Thu 22/6/23		Proposal writing III Problem statement (AP Faizal)		C	
Fri 23/6/23		Proposal writing IV Hypothesis and research question		H	

(AP Faizal)

WEEK15: FFEK6112: MINI PROJECT PROPOSAL

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00-2.00 pm	2.00 – 5.00 pm
Mon 26/6/23		Proposal writing V Literature reviews (AP Kadir)		L	
Tue 27/6/23		Proposal Writing VI Research methodology (AP Kadir)		U	
Wed 28/6/23		Proposal writing VII Compilation of proposal (AP Kadir)		N	
Thu 29/6/23				C	
Fri 30/6/23		Proposal presentation (AP Kadir)		H	

WEEK 16: FFEK6112: MINI PROJECT PROPOSAL

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00-2.00 pm	2.00 – 5.00 pm
Mon 3/7/23		Proposal Correction I (Dr Azrai)		L	
Tue 4/7/23		Proposal Correction II (Dr Azrai)		U	
Wed 5/7/23				N	
Thu 6/7/23		Ethic Submission I (Dr Azrai)		C	
Fri 7/7/23		Ethic Submission II (Dr Azrai)		H	

WEEK 17 (10/7/23- 16/7/23): REVISION WEEK

WEEK 18 - 20 (17/7/23 – 6/8/23) : EXAM WEEK

SEMESTER BREAK (7/8/23 – 8/10/23)