PRINCIPLES OF HUMAN BIOLOGY

P2P1a · WEEK 1 — The Body

Week Chair: **Dr. B Crawford** *lectures are in IRC 6 except as noted*

FRIDAY AUG. 30	TIME	MON.	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY SEPT. 6
Tutorial 1	08:00h	LABOUR DAY	3: *Intro to Histology* **Dr WK Ovalle ALH**	Tutorial 2		Tutorial 3
	09:00h		4: *"The Basic Tissues"* **Dr WK Ovalle ALH**			
Lecture 1: *Development of Body Form: Zygote to Tubular Embryo* **Dr B Crawford ALH***	10:00h		Lab 2: *Basic Tissues / Microscopy & Methods* *Fetus Collection* **Histology Lab Dr WK Ovalle**			Lecture 6: *Introduction to Pharmacology* **Drs D Godin & AD Goumeniouk ALH**
	11:00h				Lecture 5: *Monitoring Pregnancy (imaging)* **Dr N Kent ALH**	Case wrap up **ALH**
	12:00h		LUNCH			
Lecture 2: *Orientation - Back* **Dr B Crawford ALH**	13:00h		Clinical Skills/ Family Practice Continuum	Doctor, Patient and Society	Clinical Skills/ Family Practice Continuum	Lecture 7: *Organization of the Nervous System* **Dr W Vogl ALH**
Lab 1: *Orientation - Back* **Gross Lab**	14:00h		MED STUDENTS ONLY location TBA	**see group lists for location**	**IRC #6** *(timetables will be distributed at 13:00h)*	Laboratory 3: *Deep Back & Spinal Cord*
	15:00h		(seminar room assignments at this time)		ALL STUDENTS MEDICAL & DENTAL	**Gross Lab**
	16:00h					
August 27, 2002			Used book sale		Equipment Night	

* ALH = Anatomy Lecture Hall, in Friedman Building

WEEK 2 — Cell Division and Chromosomes

Week Chair: **Dr. F Dill** *lectures are in IRC 6 except as noted*

TIME	MONDAY SEPT. 9	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY SEPT. 13
08:00h	Tutorial 1		Tutorial 2	Lecture 4: *Cytogenetic Abnormalities* **Dr B McGillivray**	Tutorial 3
09:00h		Lecture 2: *Mitosis, Meiosis & Gametogenesis* **Dr B McGillivray**		Laboratory 2 / workshop *Analysis of Chromosome Behaviour* **Seminar Rooms**	
10:00h	Lecture 1: *Structure of the Genome* **Dr R MacGillivray**	Laboratory 1: *EM - Cell Nucleus and Other Structures* **Dr WK Ovalle Histology Lab**	Lecture 3: *Normal Karyotype* **Dr B McGillivray**		Lecture 5: *Fundamental Concepts in Pharmacology* **Dr AD Goumeniouk**
11:00h					Case wrap up **ALH**
12:00h	L U N C H				
13:00h		CS / FMPR (refer to schedules on MEDICOL for times & locations)	DPAS **see group lists for location**	CS / FMPR (refer to schedules on MEDICOL for times & locations)	Lecture 6: *Radiological Anatomy* **Dr B Crawford ALH**
14:00h	Dentistry 410 (Dental students) 14:00 to 17:00h				Lecture 7: *Bones & Joints* **Dr C Slonecker ALH**
15:00h					Lab 3: *Demo: Bones & Joints* **Gross Lab**
16:00h					

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WEEK 3 — Genes And Their Function

Week Chair: **Dr. S Langlois** *lectures are in IRC 6 except as noted*

TIME	MONDAY SEPT. 16	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY SEPT. 20	SUN. 22
08:00h	Tutorial 1		Tutorial 2	Lecture 4: *Multifactorial Inheritance.* **Dr B McGillivray**	Tutorial 3	CPR (Re-)Certification
09:00h		Lecture 2: *Mechanisms of Mutation* **Dr R MacGillivray**		Workshop: *Calculating Genetic Risks* **Seminar Rooms**		
10:00h	Lecture 1: *From Gene to Protein* **Dr R MacGillivray**	Laboratory 1: *Blood Cells* **Dr WA Webber** **Histology Lab**	Lecture 3: *Polymorphisms and Mapping* **Dr S Langlois**		Lecture 5: *Fundamental Concepts in Pharmacology* **Dr AD Goumeniouk**	
11:00h					Case wrap up **ALH**	
12:00h	L U N C H					
13:00h		CS / FMPR (refer to schedules on MEDICOL for times & locations)	DPAS	CS / FMPR (refer to schedules on MEDICOL for times & locations)	Lecture 6: *Thorax I* **Dr B Crawford ALH**	
14:00h	Dentistry 410				Laboratory 2: *Dissection of thoracic walls & lungs* **Gross Lab**	
15:00h						
16:00h						

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WEEK 4 — Organization of the Cell

Week Chair: **Dr. D Walker** *lectures are in IRC 6 except as noted*

TIME	MONDAY SEPT. 23	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY SEPT 27
08:00h	Tutorial 1	Lecture 2: *Membrane and Protein Synthesis* **Dr D Walker ALH**	Tutorial 2		Tutorial 3
09:00h		Lecture 3: *Organelles and the Cytoskeleton* **Dr D Walker ALH**		Lecture 4: *Cell polarity* **Dr C Roskelley ALH**	
10:00h	Lecture 1: *Overview of the Cell* **Dr D Walker ALH**		PBL Evaluation Revisited **Dr A Towle & colleagues**	Laboratory 1: *EM - Cell Cytoplasm* **Histology Lab Dr D Walker**	Lecture 5: *Pharmacokinetics #1* **Dr D Godin**
11:00h					Case wrap up **ALH**
12:00h	L U N C H				
13:00h		CS / FMPR (refer to schedules on MEDICOL for times & locations)	DPAS	CS / FMPR (refer to schedules on MEDICOL for times & locations)	Lecture 6: *Thorax II* **Dr B Crawford ALH**
14:00h	Dentistry 410				Lecture 7: *Radiological Anatomy II* **Dr B Crawford ALH**
15:00h					Lab 2: *Dissection of the Heart* **Gross Lab**
16:00h					

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WEEK 5 — Neoplasia

Week Chair: **Dr. A Shah**

lectures are in IRC 6 except as noted

TIME	MONDAY SEP. 30	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY OCT. 4
08:00h	Tutorial 1	Lecture 3: *Hallmarks of Cancer* **Dr A Shah**	Tutorial 2		Tutorial 3
09:00h		Lecture 4: *Cancer Pathology* **Dr D Owen**			
10:00h	Lecture 1: *Molecular Biology of Cancer* **Dr D Huntsman**	Laboratory 1: *The Mammary Gland* **Dr J Emerman Histology Lab**	Lecture 5: *Principles of Cancer Therapy I* **Dr J Hay**		Lecture 7: *Anti-neoplastic drugs* **TBA**
11:00h	Lecture 2: *Signal Transduction in Cancer* **Dr S Pelech**		Lecture 6: *Hereditary Cancer & Gene Testing* **Dr B McGillivray**		Case wrap up **ALH**
12:00h	L U N C H				
13:00h		CS / FMPR (refer to schedules on MEDICOL for times & locations)	DPAS	CS / FMPR (refer to schedules on MEDICOL for times & locations)	Lecture 8: *Autonomic Nervous System* **Dr W Vogl ALH**
14:00h	Dentistry 410				Lecture 9: *Thorax III - superior & posterior mediastinum* **Dr J Church ALH**
15:00h					Laboratory 2: *Demo: ANS* **Gross Lab**
16:00h					Laboratory 3: *Dissection of mediastinum* **Gross Lab**

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WEEK 6 — Mid-Block Consolidation

Week Chair: **Drs. I Laher & S Langlois** *lectures are in IRC 6 except as noted*

TIME	MONDAY OCT. 7	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY OCT. 11
08:00h				**2 hour EXAM**	***PBL Issues Review*** **G Pachev, A Towle**
09:00h	Workshop: *Medical Genetics* **Seminar Rooms**				Lecture 1: *Pharmacokinetics #2* **Dr D Godin**
10:00h					*Introduction to Imaging*
11:00h				*Exam Review (10:30–11:30)*	
12:00h	L U N C H				
13:00h		CS / FMPR (refer to schedules on MEDICOL for times & locations)	DPAS	CS / FMPR (refer to schedules on MEDICOL for times & locations)	Lecture 2: *Gross Anatomy of the Abdomen I* **Dr J Church ALH**
14:00h	Dentistry 410				Laboratory 1: *Dissection of abdominal wall* **Gross Lab**
15:00h					
16:00h					

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