

## Department of Pathology

### 531-302 Techniques for the Investigation of Disease - Practical Timetable

Location: Pre-practical discussions: Peter MacCallum Seminar Room Level 4 West Wing Medical Bld

Paper exercises: Peter MacCallum Seminar Room Level 4 West Wing Medical Bld

Hands-on Experiments: Pathology/Biochemistry and Molecular Biology Science Laboratory Level 4 West Wing

Museum assignments: Sir Harry Allen Museum of Anatomy and Pathology Level 3 East Medical Bld

Date	Time	Lecture	Practical submission date
<b>Week 1</b>			
6th March	11.00-5.00pm	Introduction to Practical Course	
<b>Week 2</b>			
13th March	11.00-5.00pm	<i>Hands-on Experiment:</i> Practical 1: Diagnostic Techniques for the Detection of Disease - Immunohistochemistry and Immunofluorescence	20th March
		Paper exercise 1: Muscular Dystrophy - Critical Analysis of Experimental Data	3rd April
<b>Week 3</b>			
20th March	11.00-5.00pm	<i>Hands-on Experiment:</i> Practical 2: Quantitation of Biochemical Markers in Disease Measurement of AB levels in Alzheimer's Disease	27th March
<b>Week 4</b>			
27th March	11.00-5.00pm	Paper Exercise 2: Systemic Lupus Erythematosus - a case history	3rd April
<b>Week 5</b>			
3rd April	11.00-5.00pm	<i>Hands-on experiment:</i> Practical 3: Evidence of Metaplasia in Crohn's Disease	24th April
		Museum assignment: Brain Disorders	8th May
<b>Week 6</b>			
10th April	11.00-5.00pm	<b>Easter Good Friday - no practical</b>	
<b>Week 7</b>			
17th April	11.00-5.00pm	<b>University non-teaching period - no practical</b>	

<b>Week 8</b>			
24th April	11.00-5.00pm	<i>Hands-on experiment:</i> Practical 4: Expression of Markers in Prostate Cancer	1st May
<b>Week 9</b>			
1st May	11.00-5.00pm	Hands-on experiment: Practical 5: Phenotypic Analysis of Leukaemia using Flow Cytometry	8th May
<b>Week 10</b>			
8th May	11.00-5.00pm	Paper exercise 3: Acute Systemic Anaphylaxis - food allergy	15th May
<b>Week 11</b>			
15th May	11.00-5.00pm	<i>Hands-on experiment:</i> Practical 6: Analysis of Blood Samples from an alleged murder scene	22nd May
<b>Week 12</b>			
22nd May	11.00-5.00pm	Paper Exercise 4: Investigations of Gene Mutations in Disease Pre-examination tutorial (1-2 hours)	2nd June
<b>Week 13</b>			
29th May	11.00-5.00pm	<b>Practical Exam</b>	