**Cardiovascular Sciences BSc Module 2 2012/13 – Cardiovascular Physiology & Pharmacology: Dr Mike Schachter and Prof Alun Hughes**

**Week 3 All Lectures on St Mary’s campus. 0900-1200 Private study**

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| **Time** | **Monday 26th Nov**  **Anthony de Rothschild LT, 2nd Floor, IC Medical School, Norfolk Place, St Mary’s campus** | **Tuesday 27th Nov**  **Anthony de Rothschild LT, 2nd Floor, IC Medical School, Norfolk Place,**  **St Mary’s campus** | **Wednesday 28th Nov**  **Cockburn Lecture Theatre, 2nd floor, QEQM Wing,**  **St Mary’s Hospital** | **Thursday 29th Nov**  **Ground Floor Seminar room, ICCH, North Wharf Rd,**  **St Mary’s campus** | **Friday 30th Nov**  **Ground Floor Seminar room, ICCH, North Wharf Rd,**  **St Mary’s campus** |
| **13.00 – 14.00** | **12.45 Intro**  (Dr M Schachter)  Structure / Function & Diversity of Vasculature  (S Marston) | Cardiorespiratory control mechanisms  (C Manisty) | **10.00** Transport across Endothelium  (Darryl Overby) | Pharmacogenetics & CVD  (V Libri) | **\* TUTORIAL GROUPS A, B & C** **(AM)**  Diabetes and macro and microvascular disease  (N Chaturvedi) |
| BREAK **15 min** | BREAK | BREAK | BREAK | BREAK | BREAK |
| **14.15-15.15** | Smooth Muscle Cells  (S Marston) | Excitation contraction coupling (A Hughes) | **11.15** Renin Angiotensin System  (A Hughes) | Small group teaching – (data analysis) **ICCH Building**  Group A = A Hughes, 2nd Floor.  Group B = M Schachter, Ground floor. | Pulmonary Hypertension  (K Dimopoulos) |
| BREAK **15 min** | BREAK | BREAK | SPORTS | BREAK | PRIVATE STUDY  **TUTORIAL GROUP E ONLY (PROF HUGHES)** |
| **15.30-16.30** | Vascular tone and NO.  (A Chester) | Research Seminar: Epigenetics in cardiometabolic disease (C Relton Newcastle) | Small group teaching – (data analysis) **ICCH Building**  Group C = A Hughes, 2nd floor.  Group D = M Schachter, Ground floor. |

**\* N.B FRI 30th NOV 1000-1100 TUTORIAL GROUP B ONLY (M SCHACHTER), GROUND FLOOR SEMINAR ROOM, ICCH.**

**FRI 30th NOV 1100-1200 TUTORIAL GROUP C ONLY (T TILLIN), GROUND FLOOR SEMINAR ROOM, ICCH.**

**FRI 30th NOV 1200-1300 TUTORIAL GROUP A ONLY (C TERRACCIANO), GROUND FLOOR SEMINAR ROOM, ICCH**

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**Week 4 All Lectures in Anthony de Rothschild LT, 2nd Floor, IC Medical School, Norfolk Place, St Mary’s campus unless stated otherwise.**

**0900-1200 Private study**

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| **Time** | **Monday 3rd Dec**  **Anthony de Rothschild LT, 2nd Floor, IC Medical School, Norfolk Place, St Mary’s campus** | **Tuesday 4th Dec**  **Anthony de Rothschild LT, 2nd Floor, IC Medical School, Norfolk Place, St Mary’s campus** | **Wednesday 5th Dec**  **Ground Floor Seminar room, ICCH, North Wharf Rd, St Mary’s campus Hospital** | **Thursday 6th Dec**  **Anthony de Rothschild LT, 2nd Floor, IC Medical School, Norfolk Place, St Mary’s campus** |  |
| **12.00 –**  **12.45** | Therapy of Hypertension  (N Chapman).  **Peart Seminar room, 10th floor, QEQM Wing, SMH.** | PRIVATE STUDY | PRIVATE STUDY | PRIVATE STUDY | PRIVATE STUDY |
| **13.00 – 14.00** | Anti-Obesity Drugs  (V Amber) **Rothschild LT** | **13.45** Naturiuretic Peptides  (C Park) | **10.00** Antiplatelet agents  (M Schachter) |
| BREAK **15 min** | BREAK | BREAK | BREAK | BREAK |
| **14.15-15.15** | Therapeutics of Heart Failure  (D Francis) | **15.00** Research seminar: renal artery nerve ablation  (J Davies) | **11.15** Anticoagulants  (M Schachter) | Lipid Lowering Agents  (M Schachter) |
| BREAK **15 min** | BREAK | BREAK | SPORTS | BREAK |
| **15.30-16.30** | Pharmacology of Ischaemic Heart Disease  (J Mayet) | **1600 TUTORIAL GROUP D ONLY PROF S HARDING** | Aldosterone / Endothelin Antagonists  (M Schachter)  Module 2 Feedback |

**Week 5 10th – 13th December 2012 Private Study**

**Friday 14th December 2012 10.00-11.30am Essay under Exam Conditions. Cockburn LT, 2nd Floor, QEQM Wing, St Mary’s Hospital**