**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**