

Pharmacology & Translational Medicine BSc

## Principles of Pharmacodynamics & Pharmacokinetics

8<sup>th</sup> October - 9<sup>th</sup> November 2012

Dr Robert Dickinson  
Imperial College London  
Dept. of Surgery & Cancer  
Biophysics Group, 4<sup>th</sup> floor  
Sir Ernst Chain Building  
South Kensington Campus  
r.dickinson@imperial.ac.uk

Principles of Pharmacokinetics and Pharmacodynamics

## The Team !

Module Director ~ Dr Robert Dickinson

### Lecturers

~ Dr Elizabeth Want

~ Dr Marc Dumas

- Dr Toby Athersuch

~ Dr Muireann Coen

- Dr Jake Bundy

~Dr Stefan Trapp, ~Dr Catriona Houston,

~Dr Anna Zecharia, ~Dr Chris Edge

## What are you going to get out of the module?

- Scientific understanding
- Analytical skills
- Research methods
- Academic communication
- Data analysis
  
- Hopefully will be interesting and fun !

## What sort of teaching do we get?



Lectures  
Tutorials  
Problem sessions  
Laboratory visits  
Presentations

## Module assessment!



- Final Exam (~2.5hr paper) 70 % of marks
- In course assessment 30 % of marks

## In course assessment

- 80 % for an essay to be submitted at end of the module - choose topics, e-mail 3 choices by Wednesday
- 20 % for short presentation (15min) on final day of module

## Communication & Feedback

We listen to your comments.....



.....and value your feedback



## Course Themes

- *Quantitative Pharmacology*
- *Diffusion & Active transport*
- *Drug Metabolism & Toxicology*
- *Enzymes & Nuclear Receptors as Drug Targets*
- *Pharmacogenetics & Pharmacogenomics*
- *Research Methods*
- *Advanced Topics*

## Essay titles

- E-mail 3 choices by Wednesday to [r.dickinson@imperial.ac.uk](mailto:r.dickinson@imperial.ac.uk)
- Presentation topics will be allocated