

## Computational Biology

### Part I

- 1) 9.30-9.45: Introduction  
*Computational Biology and Computer Models of the Action Potential*
- 2) 9.45-10.45: Hands-on  
*The Hodgkin & Huxley model*

Break (15 mins)

### Part II

- 3) 11:00-11:15: Introduction (2<sup>nd</sup> part)  
*Computer Models of the Heart and Drug Safety Testing*
- 4) 11.15-11:45: Hands-on  
*Human in Silico Drug Trials*

### Summary and Conclusions