

**Summer School 2010**  
**23-25 August**  
**“Topics in molecular pathology:  
 concepts, methods and applications+  
 ”Lessons from breast cancer”**

**Provisional programme**

**Day 1 Monday 23<sup>rd</sup> August**

12-00	Registration
	Sandwich lunch

Session 1	<b>Setting the scene</b>	Chair: Alan Ashworth
1-00	Genes and genomes	Peter Hall
2-00	The molecular basis of cancer: an overview	Jorge Reis Filho
3-00	<i>Tea</i>	
Session 2	<b>Understanding the core issues</b>	Chair: Peter Hall
3-30	An overview of the core technologies in molecular pathology	Adrian Jubb
4-30	The microenvironment and cancer	Louise Jones
5-30	Questions and discussion	All
6-00	Close	

**Day 2 Tuesday 24<sup>th</sup> August**

Session 3	<b>Current challenges and opportunities</b>	Chair: Adrian Jubb
9-00	The problems and possibilities of FFPE material	Richard Poulson
9-45	miRNAs and new perspectives on gene regulation	John LeQuesne



10-30	Coffee	
11-00	<b>Small group session for Group A</b> <b>Lab visits for Group B</b>	
12-30	Sandwich lunch	
2-00	<b>Small group session for Group B</b> <b>Lab visits for Group A</b>	
3-30	Tea	
Session 4	<b>Next generation sequencing</b>	Chair: John LeQuesne
4-00	The impact of next generation sequencing	Chris Lord
4-45	Informatics: how to access and use the flood of genetic data	Rune Linding
5-30	Questions and discussion	
6-00	Close	

### Day 3 Wednesday 25<sup>th</sup> August

Session 5	<b>The molecular pathology of breast cancer</b>	Chair: Louise Jones
9-00	The impact of expression array analysis in breast cancer	Jorge Reis Filho
9-45	Predictive testing: HER2 and beyond	Adrian Jubb
10-30	Coffee	
11-00	Small group break out	
Session 6	<b>What can be achieved in molecular pathology?</b>	Chair: Richard Poulson
12-00	Where are we now?	Jorge Reis Filho
12-30	Where will we be in ten years time?	Alan Ashworth
1-00	Close and Sandwich lunch	

**Registration including course materials £90**

**To register click [here](#)**