

**The First M. D. Anderson / Imperial College London Meeting
10-11 March 2005
M. D. Anderson R11.1100, Conference Rooms 1-8**

**“Molecular Target Identification for Cancer Therapy:
A Joint M. D. Anderson / Imperial College London Programme”**

Meeting format:

All talks 12 minutes of investigator’s key relevant research and scope of research interests with 5 minutes for questions

Each session to spend discussion period addressing plans for collaborations

March 10, 2005

7:30 am Breakfast and Introduction/Objectives - R Bast and C Coombes

Novel Therapies

Chair: R Bast

8:00 am Chromatin Modification: novel therapeutics

- HDAC Inhibition: potential candidates for Phase I Trials – **D Vigushin**
- Demethylating Agents: potential candidates for Phase I Trials – **J-P Issa**
- Histone modifications and cancer – **S Dent**

9:00 Panel discussion of collaborations – D Vigushin, J-P Issa, S Dent, R Bast

10:00 Break

10:30 Inhibition of PI 3 Kinase Pathway

- PI3 Kinase Inhibitors – **G Mills**
- Forkhead – new apparatus to targeting cancer – **E Lam**
- PTEN and Herceptin resistance: novel therapeutic approaches – **D Yu**

11:30 Panel discussion of collaborations – G Mills, E Lam, D Yu

12:30 Lunch

Endocrine Therapy

Chair: A Buzdar and C Coombes

1:30 pm Ovarian cancer: where do we go from here ?

- Novel targets: the Imperial Strategy – **H Gabra**
- Novel targets: the MDACC Strategy – **R Bast**

- 2:15** Discussion – **H Gabra, R Bast**
- 2:45** Break
- 3:00** **Endocrine Therapy**
- Novel Regulator/Targets of Hormone Response - **R Kumar**
 - Targeting Pathways Involved in Stem/Progenitor Cell Self-Renewal in Breast Cancer – **J Rosen**
 - Novel targets for reversal of endocrine resistance – **K Osborne**
- 4:00** Discussion of future trials of endocrine agents at MD Anderson and Imperial College London – **A Buzdar, C Coombes**
- 4:45** **Target identification and characterization**
- Structural biology at Imperial College – **P Freemont**
 - Novel techniques in bio-informatics to assist drug design - **P Shrimpton**
- 5:30** End
- 6:30 pm** **Dinner at Trevisio's Restaurant**
- Summary of day 1 – **S Smith**
 - **J Mendelsohn, M Kripke**

March 11, 2005

7:30 am **Breakfast and discussions**

Resistance to Chemotherapeutic Agents

Chair: S Smith

- 8:00** **Molecular targets to reverse drug resistance**
- S6 Kinase in small cell lung cancer –
 - Novel ABC Transporters: targets for therapies – **C Higgins**
 - Targeting Structural basis of multidrug recognition and binding – **R Brennan**
 - Wild type p53 in refractory cancers – **Z Siddik**
- 9:00** Panel discussion – **C Higgins, Z Siddik, R Brennan**

Diagnostics and Imaging

- 9:30** **Molecular Diagnostics: potential collaboration**
- Micrometastases: surrogate end points for clinical trials – **M Cristofanilli**
 - New approaches to imaging cancer at the cellular level – **P French**
 - Kleberg Center for Molecular Markers – **G Mills**
 - Metabonomics as applied to drug therapy - **J Nicholson**
- 10:30** Panel discussion – **M. Cristofanilli, P French, G Mills, J Nicholson**
- 11:00** **Imaging**
- PET: application to monitoring signal transduction inhibition – **E Aboagye**
 - PET: novel approaches – **J Gelovani**
 - Discussion – **E Aboagye, J Gelovani**
- 12:00** Lunch and Discussion

Infrastructure Support/Electronic Medical Records Chair: R Kitney

- 1:00 pm** **Discussion of Infrastructure Support**
Discussion – **R Kitney, D Lyons**

General Discussion

- 2:00** **General Discussion – C Coombes and R Bast**
- Which targets to take forward?
 - Which trials and studies can we do together?
- 3:00** **End**