4th Symposium on
Molecular pathology in oncology – Hot topics

Thursday 17 March 2016
The Royal College of Physicians, London, NW1 4LE
www.royalmarsden.nhs.uk/molpath2016
Dear colleagues

I am pleased to announce that we are holding a one-day symposium on Molecular pathology in oncology- Hot topics, on Thursday 17 March 2016 at The Royal College of Physicians, London. This follows from our three earlier, very popular meetings on this topic. The aim is to provide a broader understanding of the impacts of molecular pathology in oncology and an update on the most recent developments. We will be including cutting-edge developments in targeting of new drugs/novel therapeutics and the application of new approaches such as circulating tumour DNA.

We are delighted to be able to provide a world-class faculty to address the new approaches to defining the targets and target populations that are increasingly underpinning personalised cancer care. There is no doubt that this new era also provides numerous and varied challenges and speakers will discuss how they are meeting those challenges in their practice.

In the morning we will address broad issues of testing and its application to clinical care and drug development, discuss the new understanding that evolutionary approaches to cancer progression are bringing and consider how molecular analyses of so-called liquid biopsies are already impacting on patient care and could be a true game-changer in the near future.

In the afternoon there will be a greater focus on the individual cancer types where molecular pathology is having its greatest impact.

This meeting will be of interest to all health professionals and researchers involved or interested in the molecular diagnostics of cancer and its impact on patients. There will be ample opportunity to ask questions and express your own views during the planned sessions. In addition, there will be the opportunity to discuss current issues informally with the expert faculty during the breaks.

If you have any questions about whether this is the right meeting for you please contact us via email: conferenceteam@rmh.nhs.uk or tel: 020 7808 2921

Professor Mitch Dowsett
Professor of Biochemical Endocrinology,
Institute of Cancer Research/Head of the
Academic Department of Biochemistry,
The Royal Marsden NHS Foundation Trust

The faculty

Professor Mitch Dowsett
Professor of Biochemical Endocrinology,
Institute of Cancer Research/Head of the
Academic Department of Biochemistry,
The Royal Marsden NHS Foundation Trust

Dr David Gonzalez de Castro
Consultant Clinical Scientist /
Head of Molecular Diagnostics,
The Royal Marsden NHS Foundation Trust

Professor Johann de Bono
Head of Clinical Studies,
Institute of Cancer Research /
Consultant in Medical Oncology,
The Royal Marsden NHS Foundation Trust

Dr Marco Gerlinger
Clinician Scientist and Team Leader Centre for Cancer and Evolution,
Institute of Cancer Research

Dr Nick Turner
Academic Consultant Medical Oncologist,
Institute of Cancer Research

Professor Louis Chesler
Team Leader Paediatric Solid Tumour and Biology and Therapeutics,
Institute of Cancer Research /
Honorary Consultant Oncologist,
The Royal Marsden NHS Foundation Trust

Dr Sanjay Popat
Consultant Medical Oncologist,
The Royal Marsden NHS Foundation Trust

Dr Ian Chau
Consultant Medical Oncologist,
The Royal Marsden NHS Foundation Trust

Dr Gert Attard
Clinician Scientist,
Institute of Cancer Research /
Honorary Consultant,
The Royal Marsden NHS Foundation Trust

Dr James Larkin
Consultant Medical Oncologist,
The Royal Marsden NHS Foundation Trust

Professor Janet Shipley
Interim Head of the Division for Molecular Pathology,
Institute of Cancer Research
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00</td>
<td>Registration and coffee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:30</td>
<td>Welcome and introduction</td>
<td>Professor Mitch Dowsett</td>
<td>Professor of Biochemical Endocrinology, Institute of Cancer Research / Head of the Academic Department of Biochemistry, The Royal Marsden NHS Foundation Trust</td>
</tr>
<tr>
<td>09:40</td>
<td>Molecular pathology of cancer in the clinical setting</td>
<td>Dr David Gonzalez de Castro</td>
<td>Consultant Clinical Scientist / Head of Molecular Diagnostics, The Royal Marsden NHS Foundation Trust</td>
</tr>
<tr>
<td>10:15</td>
<td>Genomics driven drug development</td>
<td>Professor Johann de Bono</td>
<td>Head of Clinical Studies, Institute of Cancer Research / Consultant in Medical Oncology, The Royal Marsden NHS Foundation Trust</td>
</tr>
<tr>
<td>10:50</td>
<td>Genomic evolution in cancer</td>
<td>Dr Marco Gerlinger</td>
<td>Clinician Scientist and Team Leader Centre for Cancer and Evolution, Institute of Cancer Research</td>
</tr>
<tr>
<td>11:25</td>
<td>Refreshments</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:45</td>
<td>Clinical application of liquid biopsies</td>
<td>Dr Nick Turner</td>
<td>Academic Consultant Medical Oncologist, Institute of Cancer Research</td>
</tr>
<tr>
<td>12:20</td>
<td>Molecular risk stratification for breast cancer management</td>
<td>Professor Mitch Dowsett</td>
<td>Professor of Biochemical Endocrinology, Institute of Cancer Research / Head of the Academic Department of Biochemistry, The Royal Marsden NHS Foundation Trust</td>
</tr>
<tr>
<td>12:50</td>
<td>Lunch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:50</td>
<td>Novel therapeutic approaches for the treatment of childhood cancers</td>
<td>Professor Louis Chesler</td>
<td>Team Leader Paediatric Solid Tumour and Biology and Therapeutics, Institute of Cancer Research / Honorary Consultant Oncologist, The Royal Marsden NHS Foundation Trust</td>
</tr>
<tr>
<td>14:20</td>
<td>Stratified medicine in lung cancer</td>
<td>Dr Sanjay Popat</td>
<td>Consultant Medical Oncologist, The Royal Marsden NHS Foundation Trust</td>
</tr>
<tr>
<td>14:50</td>
<td>Targeted treatment of GI cancers</td>
<td>Dr Ian Chau</td>
<td>Consultant Medical Oncologist, The Royal Marsden NHS Foundation Trust</td>
</tr>
<tr>
<td>15:20</td>
<td>Recent advances in molecular diagnostics in prostate cancer</td>
<td>Dr Gert Attard</td>
<td>Clinician Scientist, Institute of Cancer Research / Honorary Consultant, The Royal Marsden NHS Foundation Trust</td>
</tr>
<tr>
<td>15:50</td>
<td>New paradigms in the treatment of renal and skin cancers</td>
<td>Dr James Larkin</td>
<td>Consultant Medical Oncologist, The Royal Marsden NHS Foundation Trust</td>
</tr>
<tr>
<td>16:20</td>
<td>Summary and closing remarks</td>
<td>Professor Janet Shipley</td>
<td>Interim Head of the Division for Molecular Pathology, Institute of Cancer Research</td>
</tr>
<tr>
<td>16:30</td>
<td>Meeting close</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>