5th Symposium on
Molecular pathology in oncology – Hot topics

Thursday 15th March 2018
The Royal College of Physicians, London, NW1 4LE
www.royalmarsden.nhs.uk/molpath2018

* The above sponsors have provided funding to enable this meeting to take place. They have stands at the meeting but have had no input into the programme, selection of speakers or topics.
5th Symposium on
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Dear colleagues

I am pleased to announce that we will be holding the 5th Symposium on Molecular Pathology in Oncology – Hop Topics, on 15th March 2018 at the Royal College of Physicians, London.

With the rise of clinical genomics and digital imaging in mind, our latest symposium will provide an update on recent technological developments and their introduction into the diagnostic arena. The morning session will showcase applied research taking place in the Centre for Molecular Pathology (CMP) at our Sutton site, where these new approaches are driving forward clinical research across the oncological spectrum.

The application of liquid biopsies for novel diagnostics fits the “hot topics” agenda. In the morning session you will hear from two leading clinical exponents of circulating tumour DNA (ctDNA) profiling on how the technique is enabling personalised treatment of cancer patients. The significant challenges – and opportunities – associated with this field is bound to trigger much discussion over lunch.

The afternoon is themed by tumour type, with an outstanding faculty, all associated with the Centre for Molecular Pathology, describing how the latest clinical trials in their respective areas are being assisted by combining established methodologies with new technologies, including gene panel sequencing and digital droplet PCR. We will also hear how progress on Genomics England’s 100,000 genomes project is beginning to impact on cancer diagnostics.

More and more doctors are facing the problem of how to handle the abundant data generated by genomic profiling. We will end the day with a live demonstration of a Molecular Tumour Board, in which somatic variants are discussed and placed in clinical context by a panel of experts and decisions are made on patient care. You are encouraged to join in the discussion.

The meeting will engage and inform all health professionals and researchers interested in molecular diagnostics in cancer. The faculty will be available for lively discussion and debate between sessions.

We look forward to welcoming you to this event!

If you require further information, please contact us at: conferenceteam@rmh.nhs.uk or tel: 020 7808 2921.

Dr Mike Hubank
Joint-Head of Clinical Genomics (Research)
The Royal Marsden NHS Foundation Trust
London

The faculty

Dr Michael Hubank
Head of Clinical Genomics
The Royal Marsden NHS Foundation Trust

Dr Yinyin Yuan
Team Leader Computational Pathology and Integrative Genomics,
Institute of Cancer Research

Dr Nicola Valeri
Team Leader GI Cancer Biology and Genomics Team, Institute of Cancer Research

Dr Anguraj Sadanandam
Team Leader Systems and Precision Cancer Medicine, Institute of Cancer Research

Professor Janet Shipley
Head of the Division of Molecular Pathology, Institute of Cancer Research

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

Dr Neha Chopra
Clinical Research Fellow, Institute of Cancer Research

Dr Charlotte Fribbens
Clinical Research Fellow, Institute of Cancer Research

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

Dr Naureen Starling
Consultant Medical Oncologist, The Royal Marsden NHS Foundation Trust/ Honorary Senior Lecturer, 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 Susana Banerjee
Consultant Medical Oncologist, The Royal Marsden NHS Foundation Trust

Janine Salter
Biobank Manager and Operational Lead, 100,000 Genomes Project The Royal Marsden NHS Foundation Trust/ Institute of Cancer Research

Prof. Mitch Dowsett
Head of Ralph Lauren Centre/ Academic Head Department of Biochemistry The Royal Marsden NHS Foundation Trust/ Institute of Cancer Research
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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speakers</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Registration &amp; coffee</td>
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<tr>
<td>09:30</td>
<td>Welcome &amp; Introduction</td>
<td>Dr Michael Hubank)&lt;br&gt;Head of Clinical Genomics&lt;br&gt;The Royal Marsden NHS Foundation Trust</td>
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<td>09:40</td>
<td>Science and Technology Session</td>
<td>Dr Yinyin Yuan)&lt;br&gt;Team Leader Computational Pathology and Integrative Genomics, Institute of Cancer Research&lt;br&gt;Dr Nicola Valeri)&lt;br&gt;Team Leader GI Cancer Biology and Genomics Team, Institute of Cancer Research&lt;br&gt;Dr Anguraj Sadanandam)&lt;br&gt;Team Leader Systems and Precision Cancer Medicine, Institute of Cancer Research&lt;br&gt;Professor Janet Shipley)&lt;br&gt;Head of the Division of Molecular Pathology, Institute of Cancer Research</td>
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<td>11:10</td>
<td>Refreshments</td>
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<td>11:30</td>
<td>Plasmamatch: Patient stratification by ctDNA screening</td>
<td>Dr Nick Turner)&lt;br&gt;Academic Consultant Medical Oncologist, Institute of Cancer Research&lt;br&gt;Dr Neha Chopra)&lt;br&gt;Clinical Research Fellow, Institute of Cancer Research&lt;br&gt;Dr Charlotte Fribbens)&lt;br&gt;Clinical Research Fellow, Institute of Cancer Research</td>
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<td>12:00</td>
<td>Clinical application of ctDNA as a biomarker in advanced prostate cancer</td>
<td>Dr Gert Attard)&lt;br&gt;Clinician Scientist, Institute of Cancer Research/ Honorary Consultant, The Royal Marsden NHS Foundation Trust</td>
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<td>12:30</td>
<td>Lunch</td>
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<td>13:30</td>
<td>Clinical Trials for GI Cancer – the role of molecular profiling</td>
<td>Dr Naureen Starling)&lt;br&gt;Consultant Medical Oncologist, The Royal Marsden NHS Foundation Trust/ Honorary Senior Lecturer, Institute of Cancer Research</td>
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<td>14:00</td>
<td>Genomic analysis of Paediatric Solid Tumours</td>
<td>Professor Louis Chesler)&lt;br&gt;Team Leader Paediatric Solid Tumour and Biology and Therapeutics, Institute of Cancer Research/ Honorary Consultant Oncologist, The Royal Marsden NHS Foundation Trust</td>
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<td>14:30</td>
<td>Gene panel sequencing in Ovarian Cancer</td>
<td>Dr Susana Banerjee)&lt;br&gt;Consultant Medical Oncologist, The Royal Marsden NHS Foundation Trust</td>
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<td>15:00</td>
<td>Refreshments</td>
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<td>15:20</td>
<td>Whole Genome Sequencing of tumours in the 100,000 genomes project.</td>
<td>Janine Salter)&lt;br&gt;Biobank Manager and Operational Lead, 100,000 Genomes Project&lt;br&gt;The Royal Marsden NHS Foundation Trust/ Institute of Cancer Research</td>
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<td>15:50</td>
<td>Molecular Tumour Board</td>
<td>Dr Michael Hubank)&lt;br&gt;with participation from Royal Marsden and Institute of Cancer Research colleagues</td>
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<td>16:50</td>
<td>Summary &amp; Closing Remarks</td>
<td>Prof. Mitch Dowsett)&lt;br&gt;Head of Ralph Lauren Centre/ Academic Head Department of Biochemistry&lt;br&gt;The Royal Marsden NHS Foundation Trust/ Institute of Cancer Research</td>
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£100 Early bird (only 50 places available)
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Please return this form to:
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