# The challenge of paediatric brain injury from tumour

**Friday 13 October 2017**  
Cancer Research UK Cambridge Institute, Li Ka Shing Centre, Robinson Way, Cambridge CB2 0RE

## PROGRAMME

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<tr>
<th>Time</th>
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<td>09:45 – 10:00</td>
<td><strong>Welcome and introduction</strong></td>
<td>Professor Richard Gilbertson, Head of Department of Oncology and Director, Cancer Research UK Cambridge Centre</td>
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| 10:00 – 11:30 | **Session 1: Lessons from the Biology of Brain Tumours** | Professor Richard Gilbertson, Head of Department of Oncology and Director, Cancer Research UK Cambridge Centre  
Road blocks and faulty signals: low grade glioma biology  
David Rowitch, Professor of Paediatrics & Head of Department, Cambridge University Hospitals |
| 11:30 – 11:45 | **Break**                                    |                                                                           |
| 11:45 – 12:30 | **Session 2: Diagnosis and treatment – implications for brain injury** | Prevention is better than cure: what are the implications of being Headsmart?  
Dr David Walker, Professor Paediatric Oncology, Children’s Brain Tumour Research Centre, University of Nottingham  
“First of all do no harm”: Surgical approaches to limiting brain injury in the management of paediatric brain tumours  
Mr Conor Mallucci, Consultant Paediatric Neurosurgeon, Alder Hey Children’s NHS Foundation Trust |
| 13:15 – 14:00 | **Session 2 continued:**                     | Preserving innocence: the potential for functional imaging to guide radiotherapy for paediatric brain tumours in the 21st century  
Dr T Ajithkumar, Consultant Clinical Oncologist, Cambridge University Hospitals  
Hitting the right target: novel therapies for the next generation of children with brain tumours  
Dr Darren Hargrave, Consultant Paediatric Oncologist, Great Ormond Street Hospital  
Staying on target: controlled polymer architecture and drug delivery  
Professor Oren Scherman, Department of Chemistry, University of Cambridge |
| 14:00 – 14:15 | **Break**                                    |                                                                           |
| 14:15 – 15:45 | **Session 3: Living with “success”**         | The connectome: injury and recovery – towards Precision Rehabilitation  
Professor John Suckling, Cambridge University and Dr Dr Amos Burke, Consultant Paediatric Oncologist, Cambridge University Hospitals  
Keynote speaker: Understanding neuro-oncology rehab in the 21st century  
Dr Donald Mabbott, Professor in Paediatric Neuropsychology, The Hospital for Sick Children (SickKids), Toronto |
| 15:45 – 16:00 | **Closing remarks**                          |                                                                           |

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**Brainbow**  
**Children’s Cancer and Leukaemia Group**  
**Cambridge University Hospitals NHS Foundation Trust**