



APOC
13TH ADVANCED PAEDIATRIC ONCOLOGY COURSE
Integrating Precision Medicine into Clinical Care

EDINBURGH
May 20-24 2024

CONVENORS

PROFESSOR SIMON BAILEY, NEWCASTLE UPON TYNE

PROFESSOR MICHAEL SULLIVAN, MELBOURNE

DR REBECCA HILL, NEWCASTLE UPON TYNE

DR FIONA HERD, ABERDEEN

EDINBURGH TRAINING AND CONFERENCE VENUE

16 Mary's Street, Edinburgh EH1 1SU

20th to 24th May 2024

EARLY REGISTRATION (before 10/02/24): £ 899

LATE Registration (10/02/24 onwards): £ 950

**Approved by Royal College of Paediatrics & Child Health (RCPCH)
for Continuing Professional Development (CPD) Credits.**

PROGRAMME AND APPLICATION FORMS

Audrey McIntyre, APOC Administrator

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Advanced Paediatric Oncology Course (APOC 13) 20-24 MAY 2024

AIMS AND OBJECTIVES

The Advanced Paediatric Oncology Course (APOC) is a 5-day course taught by an international faculty of Paediatric Oncologists and Scientists. Since its inception by Dr Jon Pritchard over 25 years ago, APOC has sought to integrate new and emerging knowledge into the advanced care of children and young people with cancer.

In 2024 APOC 13 will focus on understanding how the unique biology of childhood cancer is informing the development of novel approaches to treatment, especially precision medicine, immunotherapy and targeted therapies. This lecture-based program is reinforced by facilitated discussion and clinical case presentations.

Aims of the course:

- Develop a framework for integrating molecular biology into clinical practice across a range of childhood tumours.
- Improve awareness of pre-clinical research approaches and clinical trial application within the field of paediatric oncology.
- Introduce the application of novel and emerging therapies into the treatment of childhood cancer.
- Develop a greater understanding of the challenges facing childhood cancer survivors including long-term toxicities and approaches to reducing these adverse effects.

TARGET AUDIENCE

Paediatric Oncology Fellows, Paediatric Oncologists, Shared Care Paediatricians, Advance Nurse Practitioners, Clinical Nurse Specialists

ENDORSEMENTS

We have applied to the Royal College of Paediatrics & Child Health (RCPCH) for Continuing Professional Development (CPD) Credits. The course is endorsed by the Royal Australasian College of Physicians for CPD and American Academy of Paediatrics (Haematology /Oncology).

Venue: Edinburgh Training and Conference Venue, Edinburgh. EH1 1SU. <https://edintrain.com/>

EDINBURGH TRAINING & CONFERENCE VENUE
16 St. Mary's Street,
Edinburgh
EH1 1SU
Scotland
Tel: 0131 538 8333
Fax: 0131 538 8334
Email: enquiries@edintrain.com
Website: www.edintrain.com

Section detail
EDINBURGH TRAINING & CONFERENCE VENUE

By Rail, Waverley Station.
Leave the station by the steps to Market Street, Cross Market Street along from the City Art Centre and turn left, going under the large decorated bridge. Bear right into Jeffrey Street past Jury's Hoed to the junction (traffic lights) with the High Street. Cross the High Street into St Mary's Street (continuation of Jeffrey Street) and the training centre is down the hill on the left (situated between Slangy and the Russian Shop).

By Air, Edinburgh Airport.
Taxis available from outside the terminal. The trip to the training centre takes around 25 minutes and costs around £20.

Parking.
If you are arriving by car, then there are also three multi-storey car parks a few minutes walk from Edinburgh Training and Conference Venue with a 10% discounted rate at the St John's Hill NCP car park.

Disabled Access
Disabled access is available throughout the Edinburgh Training and Conference Venue. For specific queries please call us on 0131 538 8333.

www.edintrain.com

Advanced Paediatric Oncology Course (APOC 13) 20-24 MAY 2024

MONDAY, 20 MAY 2024

TIME	TITLE	Presenter/Chair
8:30	Welcome and Introduction to 13 th Advanced Paediatric Oncology Course (APOC)	Professor Simon Bailey
MOLECULAR HALLMARKS OF CANCER IN CHILDREN		Chair: Professor Michael Sullivan
09:15	Genetics in Childhood Cancer: An Introduction	Professor Steve Clifford
10:15	Break Tea/Coffee	
10:30	Molecular Biology in Clinical Practice	Dr Rebecca Hill
11:30	Use of omics in design of clinical trials	Professor Steve Clifford
12:30	Lunch	
PRECISION MEDICINE IN CHILDHOOD CANCER (Part 1)		Chair: Professor Simon Bailey
13:30	Precision Medicine – Benefits and Pitfalls	Professor Darren Hargrave
14:30	Car T cells – principles and practice	Dr Geoff Shenton
15:30	Break Tea/Coffee	
PRECISION MEDICINE IN CHILDHOOD CANCER (Part 2)		
15:45	Molecular Tumour Board: Case presentations and discussion 4 smaller groups	Dr Rebecca Hill, Dr Fiona Herd, and Professors Michael Sullivan Simon Bailey
16:45	Day 1: Summary and Q&A	Professor Simon Bailey
17:00	Close	
19:30	Informal social evening Venue: To be confirmed	

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TUESDAY, 21 MAY

TIME	TITLE	Presenter/Chair
CLINICAL TRIALS – EVOLUTION AND DESIGN		Chair: Dr Fiona Herd
09:00	Designing Contemporary Clinical Trials	Professor Simon Gates
10:00	Break Tea/Coffee	
10:30	Basics of Immunotherapy	Professor John Anderson
11:30	Wilms and Renal Tumours: current and emerging therapy	Professor Marry van den Heuvel-Eibrink
12:30	Lunch	
PRECISION MEDICINE IN CHILDHOOD CANCER (Part 3)		Chair: Professor Simon Bailey
13:30	Brain Tumours: Biologically Informed Therapy	Professor Amar Gajjar
14:30	Break Tea/Coffee	
14:45	Emerging Therapy for Childhood Brain Tumours	Professor Amar Gajjar
15:45	Molecular Tumour Board: Case presentations (brain tumours) and discussion 4 smaller groups	Drs Rebecca Hill, Fiona Herd Professors Michael Sullivan, Simon Bailey
16:45	Close	

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WEDNESDAY, 22 MAY

TIME	TITLE	Presenter/Chair
PRECISION MEDICINE IN CHILDHOOD CANCER (Part 4)		Dr Fiona Herd
09:00	Bone malignancies: the evolution of treatment and hopes for the future.	Dr Gail Halliday
10:00	Break Tea/Coffee	
10:30	Sarcomas: development of Rhabdomyosarcoma treatment and current controversies	Professor Meriel Jenney
11:30	Germ Cell Tumours: biology and new clinical trials	Professor Matt Murray
12:30	Lunch	
RISK ADAPTED THERAPY (Part 1): LEUKAEMIA AND LYMPHOMA		Chair: Dr Rebecca Hill
13:30	Molecular based treatment of ALL	Dr John Moppett
14:30	Non-Hodgkin lymphoma – the developing molecular landscape and its impact on novel therapies	Dr Simon Bomken
15:30	Break Tea/Coffee	
15:45	Neuroblastoma: biologically informed therapy, clinical trials and the future	Dr Fiona Herd
16:45	Clinical cases	Drs Rebecca Hill, Fiona Herd Professors Michael Sullivan, Alan Davidson, Simon Bailey
17:30	Close	

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THURSDAY 23 MAY

TIME	TITLE	Presenter/Chair
RISK ADAPTED THERAPY (Part 2): SURVIVORSHIP		Chair: Professor Simon Bailey
09:00	Long Term Follow Up, its importance and develop meaningful service	Professor Rod Skinner
10:00	Break Tea/Coffee	
10:30	Cardio-oncology: biological markers and cardio-protection	Dr Chris Plummer
11:30	<u>JOHN PRITCHARD LECTURE:</u> Biological determinants of Survivorship	Dr Debbie Hicks
12:30	Lunch	
RISK ADAPTED THERAPY (Part 3)		
1:30	Hepatoblastoma and the Quality of Survival	Professor Michael Sullivan
14:30	Break Tea/Coffee	
GLOBAL ONCOLOGY		Chair: Professor Michael Sullivan
15:00	Global Oncology: The African Experience	Professor Elizabeth Molyneux
16:00	Case reports of child cancer care in resource challenged countries.	Professors Molyneux, Alan Davidson, Simon Bailey,
16:45	Global Initiatives for Childhood Cancer	Professor Alan Davidson
17:00	Close	
20:00	APOC Course Dinner Venue: Howie's Waterloo Place, 29 Waterloo Place, Edinburgh,	

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FRIDAY, 24 MAY

TIME	TITLE	Presenter/Chair
RISK ADAPTED THERAPY (Part 4)		Chair: Dr Rebecca Hill
09:00	Early phase trials and evolving models of palliative care	Dr Quentin Campbell- Hewson
10:00	Break Tea/Coffee	
10:30	Adapting treatment for children wherever they may live	Professor Michael Sullivan
11:30	Final Cases	Professor Michael Sullivan, Professor Simon Bailey, Dr Fiona Herd and Dr Rebecca Hill
12:30	APOC Close and Lunch	Professor Simon Bailey

APOC Convenors and Faculty Edinburgh 20-24 MAY 2024

CONVENORS		
Professor Simon Bailey	Professor of Paediatric Neuro-Oncology and Consultant Paediatric Oncologist	Newcastle upon Tyne, UK
Dr Rebecca Hill	MRC Clinician Scientist & Honorary Consultant in Paediatric Oncology	Newcastle upon Tyne, UK
Dr Fiona Herd	Consultant Paediatric Oncologist	Aberdeen, UK
Professor Michael Sullivan	Paediatric Oncologist/Neuro-Oncologist Professor of Paediatrics Royal Children's Hospital	Melbourne, Australia
FACULTY		
Professor John Anderson	Professor of Experimental Paediatric Oncology	London, UK
Dr Simon Bomken	MRC Clinician Scientist & Honorary Consultant in Paediatric Oncology	Newcastle upon Tyne, UK
Dr Quentin Campbell-Hewson	Consultant in Paediatric Oncology	Newcastle upon Tyne, UK
Professor Steve Clifford	Professor of Molecular Paediatric Oncology and Director, Newcastle University Centre for Cancer	Newcastle upon Tyne, UK
Professor Amar Gajjar	Co-Chair, Department of Oncology; Director, Neuro-Oncology Division; St Jude Children's Research Hospital	Memphis, USA
Professor Darren Hargrave	Consultant Paediatric Oncologist	London, UK
Professor Marry van den Heuvel-Eibrink	Pediatric Oncologist, Princess Maxima Center for Pediatric Oncology/Hematology	Utrecht, The Netherlands
Dr Debbie Hicks	Research Fellow of Molecular Cancer Survivorship	Newcastle upon Tyne, UK
Professor Meriel Jenney	Consultant Paediatric Oncologist	Cardiff, UK
Dr Gail Halliday	Consultant Paediatric Oncologist	Newcastle upon Tyne, UK
Professor Elizabeth Molyneux	Professor of Paediatrics	Blantyre, Malawi, Africa
Professor Alan Davidson	Professor of Paediatric Oncology	Cape Town, South Africa
Dr John Moppett	Consultant Paediatric Haematologist	Bristol UK
Professor Matthew Murray	Professor of Cellular and Molecular Pathology and Honorary Consultant Paediatric Oncologist	Cambridge, UK
Dr Chris Plummer	Consultant Cardiologist	Newcastle upon Tyne, UK
Dr Geoff Shenton	Consultant Paediatric Haematologist/ Associate Clinical Lecturer	Newcastle upon Tyne, UK