

ecmc

Southampton

Southampton ECMC - Introduction

Southampton ECMC is a multi-disciplinary team comprising doctors, nurses, scientists, and administrators. We build upon our expertise in immunotherapy, uniting laboratory and clinical research teams to develop novel treatments for solid (lung, pancreatic, oesophageal, malignant melanoma) and haematological cancers (B-cell lymphomas, chronic lymphocytic leukaemia, chronic myeloid leukaemia). We work in close collaboration with the CRUK Centre for Drug Development (CDD), the Southampton Clinical Trial Unit (SCTU), other clinical trial units, and with commercial partners.

Southampton ECMC - The Team

Director:
Prof. Andrew Davies
Clinical Associate Director:
Dr. Simon Crabb
Laboratory Associate Director:
Prof. Anthony Williams
Operational Lead:
Debora Joseph-Pietras, PhD

Senior Trial Manager:
Denise Dunkley
WISH Lab Ops Manager:
Ruth Challis, PhD
Research Engagement Manager:
Liz Allaway
Lead Scientists:
Adam Coleman, PhD
Catherine Pointer

Technical team:
Isla Henderson
Lorna Nunn
CDD Biomarker Hub technical team:
Danielle Jeffrey
Rachel Moore
Research nurses:
Jac Samuel,
Kerry Gready

Southampton ECMC – 2018/2019 Top Achievements

2018/2019 in numbers

127 Trials run through Southampton ECMC.
367 Patients enrolled on Clinical Trials
1221 Samples processed and/or analysed through the translational lab.

REMoDL-B

CI: Prof. P. Johnson

1132 Patients with DLBCL
First study to use real-time whole transcriptome analysis of FFPE biopsy material for stratification.
Davies, et al., Lancet Oncol, March 2019

BI-1206

CI: Prof. A. Davies

Second dose escalation cohort completed. Southampton ECMC provided eligibility assays by Flow Cytometry and Immunohistochemistry. Clinical Translational data collated to date resulted in re-licensing the drug.

Operational Deliveries

Expansion of the First-In-Human and Phase I studies portfolio.
Move to an “Early Phase Clinic” with a single point of referral allowed more efficient model of delivery for the research team and expansion of recruitment to “Basket Studies”

Southampton ECMC – The Translational Lab

Trial Name	Therapeutic agent	Collaboration	Immunomonitoring
AMG-319 (CI: C. Ottensmeier)	“Window study” evaluating a PI-3K inhibitor in HNSCC	CDD, AMGEN	pAkt assay, ELISpot, ELISA, FACS Immunophenotyping, FACS sorting, RNA-Seq
BI-1206 (CI: A. Davies)	Anti-CD32b antibody therapy in B cell malignancies	CDD, Bioinvent	CD32b screening assay, Receptor Occupancy assay, B cell depletion, Immune effector phenotyping, ADA ELISA,
HARE-40 (CI: C. Ottensmeier)	RNA vaccine against HPV in HNSCC	SCTU, BionTech	HPV16 E6, E7 & E2 ELISAs, HPV16 E6 and E7 Peptide pool ELISpot, Cytokine assay by Luminex
ASTVAC (CI: C. Ottensmeier)	hTERT loaded DC vaccine in lung cancer	CDD, Asterias	SKIL expansion, hTERT-specific Pentamer staining
ARGO (CI: A. Davies)	Combination of Atezolizumab with R-GemOx in DLBCL	SCTU, Roche	PD-1, PD-L1 & PD-L2 phenotyping on immune cells by Flow Cytometry
ACCEPT (CI: A. Davies)	Combination of Acalabrutinib with R-CHOP in DLBCL	SCTU, Acerta	Immunophenotyping by Flow Cytometry, ADCC assay
RiVa (CI: S. Lim)	Combination of Rituximab and Varilumab in B-cell malignancies	SCTU	Rituximab PK assay, Immunophenotyping by Flow Cytometry
FAK-PD1 (CI: S. Symeonides & J. Evans)	Combination of Defactinib and Pembrolizumab in advanced solid malignancies	Glasgow CTU	Immunophenotyping by Flow Cytometry RNA-Seq
Mov-18 (CI: S. Karagiannis)	IgE antibody against folate receptor- α in advanced solid tumours	CDD	ADA ELISA



Southampton ECMC – Contribution to ECMC Network Initiatives/Groups

Combinations Alliance:
SPIRE – CI: Simon Crabb

JING:

Tom Cummin, steering committee member
Amy Whitehead, steering committee member
Next meeting to be held at Southampton 3-4 Feb 2020

Research Nurses Group:
Carly Ringrose, deputy chair

QATS:

Ruth Challis,
Debora Joseph-Pietras

CMP Network Group:

Gareth Thomas, steering committee member

Emily Shaw

CERT Group:

Kim Orchard, Chair

Southampton ECMC – Contacts



D.Joseph-Pietras@soton.ac.uk



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Visit us <http://www.uhs.nhs.uk/ClinicalResearchinSouthampton/Research/Research.aspx>