



# Haematology and Transfusion Scotland

## Education Day 2022

**28<sup>th</sup> September 2022 10.00 - 16.00**

COSLA, 19 Haymarket Yards, Edinburgh EH12 5BH

#haematologycommunity #transfusioncommunity

# Welcome

Many thanks for attending our second HaTS Education Day.

We hope that this once again provides an opportunity for you to stay informed with the work that HaTS carries out, and meet people from across the network's community.

Today's programme gives us the chance to hear about some of the new transport developments in haematology and transfusion, with speakers from Skyports Drone Services and Blood Bikes Scotland.

On more clinical matters, we will get to hear about the current state of genomics services and emergency blood provision, along with highly-topical work on VITT.

As our work is ultimately for the benefit of patients, we also look forward to hearing from Haemophilia Scotland about their role in supporting haemophilia patients across the country.

We hope everyone enjoys the event today.

Many thanks again for attending.

***Alistair Hart***  
***HaTS Lead Clinician***



# Programme

Time	Title	Speaker
09:30 – 10:00	Registration and refreshments	
10:00 – 10:30	<b>Welcome and Introductions / HaTS workstreams</b>	<b>Alastair Hart</b>
10:30 – 11:00	<b>Launching Medical Drone Delivery in partnership with NHS Scotland</b>	<b>Michael Merritt</b> Skyports Drone Services (virtual)
11:00– 11:30	<b>Emergency Blood - Preventing Delays in Bleeding and Critically Anaemic Patients</b>	<b>Jennifer Laird</b> and <b>Carla Ferguson</b>
11:30 – 12:10	<b>Bloods Bikes Scotland - an introduction</b>	<b>Tim Bartlett</b> Blood Bikes Scotland
12:10 – 13:30	Lunch	
13:30 – 14:00	<b>Somatic Genomic Services in Scotland – where are we now and where are we going?</b>	<b>Claire McKeeve</b>
14:00 – 14:30	<b>Haemophilia Scotland.  Experience of living with haemophilia.</b>	<b>Alan Martin</b> and <b>Alex Whitteker</b> Haemophilia Scotland <b>Patient</b>
14:30 – 15:00	Coffee/Tea break	
15:00 – 15:30	<b>Vaccine Induced Thrombosis and Thrombocytopaenia - one year on, what have we learnt?</b>	<b>Catherine Bagot</b>
15:30 – 15:50	<b>Quiz</b>	
15:50 – 16:00	<b>Closing Remarks</b>	<b>Alistair Hart</b>

*\*This event has been approved by the Institute of Biomedical Science and the Royal College of Pathologists for 4 CPD credits*



# Speaker Biographies

## Skyports Drone Services



Skyports is Europe's leading drone services provider. They specialise in beyond-visual-line-of-sight drone delivery, Surveillance & Surveying.

Skyports services are used globally by governments and blue-chip companies.

Skyports is partnered with the National Health Service (NHS) to launch permanent drone delivery in the U.K. Skyports uses its Dangerous Goods Approval to fly pathology samples/blood in a 100% cold chain managed payload box.

In Singapore, the team fly BVLOS vegetation inspection every day for the Singapore Water Agency (PUB). They have also flown BVLOS flights for Royal Mail in the U.K., FedEx Express in Ireland, and the Massachusetts Department of Transportation in the USA.

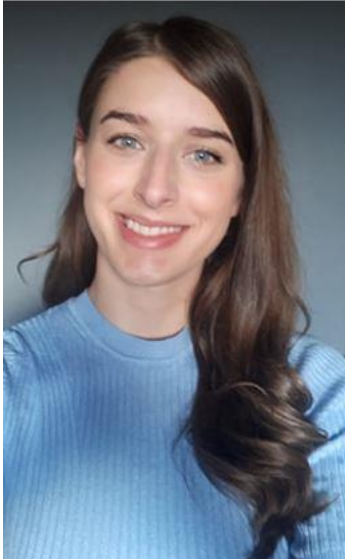
The drone as a service business expands across thirteen countries on four continents serving various industries.

## Dr Jennifer Laird



Jennifer Laird is a Consultant Haematologist, Clinical Lead for Red Cell Immuno-haematology for the Scottish National Blood Transfusion Service. Chair of the Transfusion sub-group of HaTs.

Interests include Red Cell Immuno-haematology, Transfusion for patients with haemoglobinopathies and Transfusion in Trauma.



## **Ms Carla Ferguson**

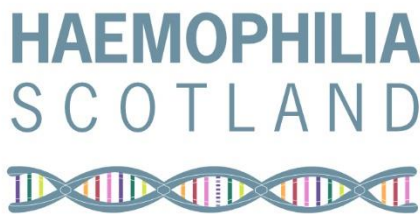
Carla Ferguson is part of the Scottish National Blood Transfusion Service Transfusion Team (SNBTS TT) as a Transfusion Practitioner for NHS Grampian, Orkney, Shetland and Western Isles, based within Aberdeen Royal Infirmary. Carla graduated with BSc (Hons) in Applied Biomedical Science from Robert Gordons University and was awarded the IBMS President Prize, before training as a Biomedical Scientist within the SNBTS North Regional Transfusion Centre. In 2019, she gained the IBMS specialist diploma in Transfusion Science and returned to Robert Gordons University as a guest lecturer in blood stock management. She joined the SNBTS TT in 2020, within her national role she is part of the SNBTS TT Information and Quality Improvement strategy group.

## **Ms Claire McKeeve**

Claire McKeeve is a Somatic Programme Manager for the West of Scotland Centre for Genomic Medicine.

Following time spent at the Wellcome Trust Sanger Institute as part of a team working on the Swine Genome Project, Claire decided to focus her scientific career on Human Genetics, joining the East of Scotland Centre for Genomic Medicine in NHS Tayside in 2010, where she undertook postgraduate Clinical Scientist training in Molecular Pathology. Claire joined the team in Glasgow as Clinical Scientist in 2015. Following a brief stint in industry as a Genomics Specialist for the UK and Ireland (Dec 2020-Nov 2021), Claire returned to the Glasgow Laboratory as the Somatic Programme Manager, a role encompassing both the solid tumour and haemato-oncology molecular and cytogenetic services.

## **Haemophilia Scotland**



Established in 2013, Haemophilia Scotland is a Scottish Charity for individuals and families affected by inherited bleeding disorders such as haemophilia, von Willebrands, factor deficiencies, or platelet disorders. We are Scottish Incorporated Charitable Organisation (SCIO) and work towards supporting, informing and advocating for Scotland's bleeding disorders community



## **Dr Catherine Bagot**

Catherine Bagot is a Consultant Haematologist at Glasgow Royal Infirmary, where she specialises in Haemostasis and Thrombosis and is the co-director of the West of Scotland Haemophilia and Thrombosis centre. Her clinical interests include venous thrombosis treatment and prevention, the management of inherited bleeding disorders, obstetric haematology and immune thrombocytopenia (ITP).

Dr Bagot is also an Honorary Senior Clinical Lecturer at the Institute of Cardiovascular and Medical Sciences, University of Glasgow. Her main research interest is the application of thrombin generation to clinical thrombotic issues, particularly those pertaining to women's health. She is principal investigator for a number of international trials investigating new treatments for haemophilia and ITP, and a sub investigator on UK research projects investigating haemostatic abnormalities in patients with acute and long COVID-19.

She is secretary to the committee of the British Society of Haemostasis and Thrombosis (BSHT) and the Vice Chair of the Venous Thromboembolism Theme Committee for ISTH 2022. She was a member of the UK Expert Haematology Panel who advised on the diagnosis and management of vaccine-induced thrombocytopenia and thrombosis when it became an emerging issue in the Spring of 2021.

# About HaTS

The Haematology and Transfusion Scotland (HaTS) network was commissioned from the 1<sup>st</sup> April 2019, and is now developing well. The progress to recruit a core network team was swift, and the network has rapidly got into the business of developing yearly workplans, and holding various meetings. Our last Education Day, held in early 2020, was well attended by scientists and clinicians from across the Scottish geographical spectrum.

## Current Subgroups:

- **Transfusion** – Provides a forum between the network and the Scottish National Blood Transfusion Service (SNBTS), allowing issues to be raised and escalated in both directions with ease.
- **Haemoglobinopathy** – Discusses matters relating to the analysis and testing for haemoglobinopathies.
- **HMDS** – Set up to discuss and improve diagnostic pathways for haematological malignancies.
- **Coagulation** – The Coagulation Subgroup recently spearheaded a business case for ADAMTS13 testing, which helped launch a testing service in GG&C and Lothian. The group is now moving on to other issues pertinent to coagulation testing.
- **Data & Demand Optimisation** – The Data Group has now helmed multiple successful benchmarking collection exercises, and assists the Information Management Service (IMS) in development of the network's annual benchmarking report.
- **Myeloma** – This subgroup is currently developing a business case to assist with the national roll-out of Serum Free Light Chains (SFLC) testing.
- **Workforce & Education** – The group has met multiple times in the past year to help develop and plan the event you are currently attending!
- **NPPEAG** – The National Plasma Products Expert Advisory Group provides expert guidance in the field of plasma products, and management of associated clinical conditions.



***HaTS aims to influence the provision of an innovative, equitable, patient-centred, high quality, and clinically-effective haematology and transfusion service in Scotland.***





# The HaTS Team



## Alistair Hart – HaTS Lead Clinician

Hello, I'm Alistair Hart, Lead Clinician for the HaTS Network, I am a Consultant Haematologist at the Queen Elizabeth University Hospital in Glasgow. I assisted with writing the business case for the Haematology network, so was very happy when the network was formally commissioned this year. I have been a Consultant Haematologist in South Glasgow since 2011 having completed my Haematology training in South East Scotland. I got my first taste of haematology in Cornwall.



## Sonja Wright – HaTS Scientific Manager

Hi, I'm Sonja Wright, Scientific Manager for HaTS; I currently work in Aberdeen Royal Infirmary as the laboratory manager for the Haematology Laboratory and Phlebotomy Services. I also hold dual registration as a Clinical Scientist and a Biomedical Scientist. I started working in Haematology in 1995 and worked my way up to chief biomedical scientist with responsibility for training which was a role I held for 10 years. I then got my Clinical Scientist registration and ran the flow cytometry service at Aberdeen Royal Infirmary for 7 years before moving to my current job. I really think one of the strengths of HaTS is the opportunity to communicate and network across Scotland. I also am passionate about promoting and advancing the role of biomedical scientists across our communities and into the newly emerging areas of advanced practice.



## Robyn Gunn – HaTS Scientific Manager

Hi, I'm Robyn Gunn, Scientific Manager for HaTS; I am the Head of Laboratory Services for NHS Fife. I started my career working as a Biomedical Scientist in Haematology before cross training in Biochemistry. I completed an MSc in Biomedical Science and then the IBMS Higher Specialist Diploma in Haematology. I believe HaTS provides excellent opportunities to work together within the specialty, and across traditional NHS board and laboratory boundaries, to provide the best services to patients and support the progression of Haematology in Scotland. I feel privileged to be part of the network team and enjoy helping support the network to achieve its goals.



## Karl Hope – HaTS Programme Manager

Hello, I'm Karl Hope, current Programme Manager for the HaTS and SCBN networks within NHS National Services Scotland. I joined NSS in 2019, after five years working for the University of Edinburgh as a research chemist. One of the key strengths of national networks is their ability to bring together professionals together to deal with bigger issues that affect us all, and I'm keen to support this network in helping improve haematology and transfusion services across Scotland.



## **Nurjan Rakymova – HaTS Programme Support Officer**

Hi, I'm Nurjan Rakymova, I joined the National Network Management Service in November 2021, in which I support the HaTS diagnostic network and also support the SMVN and SCBN networks.





Diagnostic networks are specialty focused networks that adopt a consortia approach in order to inform and drive the redesign of clinical diagnostic services. NMDNs can be defined as co-ordinated, Scotland-wide groups of specialty specific health professionals that support diagnostic services to continuously improve service delivery, and contribute to equitable provision of high-quality, clinically effective services.

For more information on other diagnostic networks please visit:

**Scottish Pathology Network**

[nss.SPAN@nhs.net](mailto:nss.SPAN@nhs.net)

[www.pathology.scot.nhs.uk](http://www.pathology.scot.nhs.uk)

**Scottish Clinical Biochemistry Network**

[nss.SCBN@nhs.net](mailto:nss.SCBN@nhs.net)

[www.clinicalbiochemistry.scot.nhs.uk](http://www.clinicalbiochemistry.scot.nhs.uk)

**Scottish Clinical Imaging Network**

[nss.SCIN@nhs.net](mailto:nss.SCIN@nhs.net)

[www.scin.scot.nhs.uk](http://www.scin.scot.nhs.uk)

**Scottish Microbiology & Virology Network**

[nss.SMVN@nhs.net](mailto:nss.SMVN@nhs.net)

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