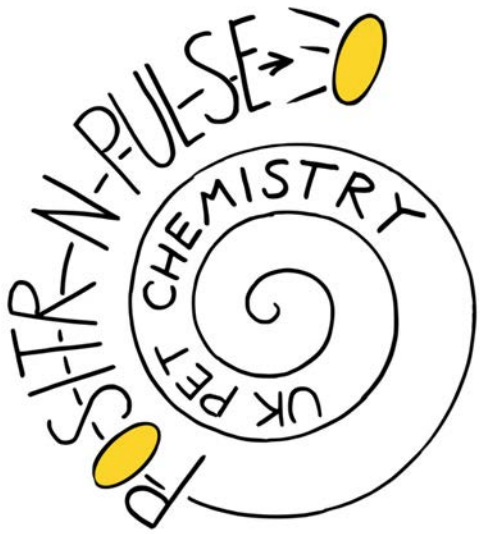


POSITRON PULSE

Newsletter from the UK PET Chemistry network

Issue 3

September 2025

Welcome!

to the third Issue of Positron Pulse. With this newsletter we hope to bring you news from the UK PET community and foster collaboration and conversations amongst various UK PET centres.

UK PET Chemistry 2025 is taking place in Glasgow and in this issue of Positron Pulse we focus on Glasgow. In **PET Centres at a Glance** where we introduce each of the amazing centres we have in the UK, we are telling you about the one in Glasgow. In **Trailblazers** where we share a story of a professional path from one of the PET chemists working in the UK, we interview Dr Sally Pimlott who is also a present chair of UK PET Chemistry board. In addition, we present LW223 story, a TSPO PET radiotracer and invite you to read relevant articles showcasing its development. You can also read about recent **News from the PET Centres** where we share the latest developments from across the UK and find out newest available grants, fellowships and conferences within **Opportunities** and publications from across the UK in **UK PET Science**. Please also read the report on ISRS 2025 from Gold Coast, Australia and exciting news of the two societies now working together UK PET Chemistry and SRS.

We would like to hear from you so please do write to let us know what you like and do not like about Positron Pulse. Please do get in touch if you would like to contribute your own story.

In the meantime please visit UK PET Chemistry website and follow us on social media where we have a shorter Trailblazer stories aiming to introduce everyone working in the field of PET/Radiochemistry in the UK.

As we enjoy the science and networking in Glasgow, we hope that you enjoy issue 3!

– The Positron Pulse Team

Online Resources

Find the latest news and updates at the following locations online. Be sure to follow!

www.ukpetchem.com

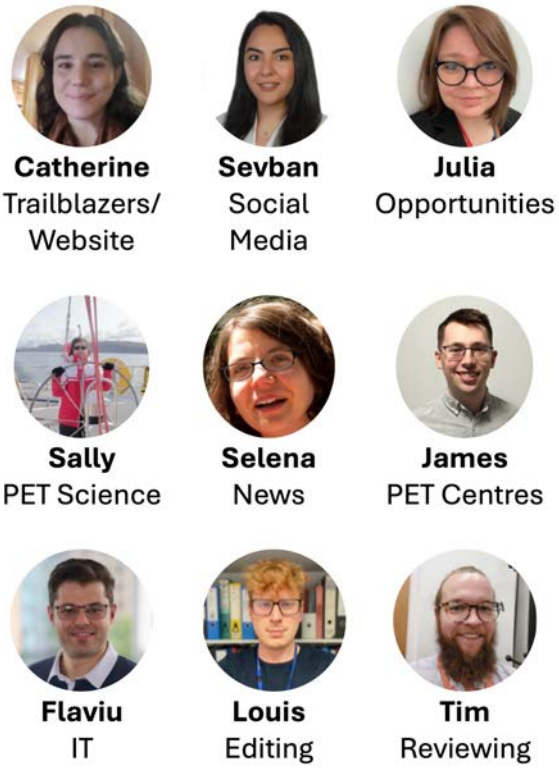
@UKPETChemistry

https://bsky.app/profile/positronpulse.bsky.social

linkedin.com/ukpetchemnewsletter

Meet The Team

The Positron Pulse team are working together to curate a useful resource for the PET radiochemistry community. Are you looking for new funding opportunities? Or perhaps you want to learn more about other PET Centres in the UK? Positron Pulse has it all.



Do you have a story to share with us, and your community? Let us know! You can contact the editorial team at UKPETChemistry-Newsletter@outlook.com

PET Centres at a Glance

Glasgow

Glasgow has a wealth of radiochemistry expertise, developed over the last 25 years. Here is a summary of the Centres and exciting developments in the area.

Architects' image of the future RND

West of Scotland Radionuclide Dispensary

The West of Scotland Radionuclide Dispensary (RND), led by Kay Pollock, manufactures and distributes radiopharmaceutical medicines daily to 12 Nuclear Medicine Departments across health boards in West and Central Scotland. This provides services to three-fifths of the Scottish patient population. It is the largest centralised NHS Radiopharmacy in the UK, producing 30,000 individual patient doses annually. In addition to this routine service, RND research staff have translated several novel radiopharmaceuticals into clinical production for research studies, including: ([^{123}I]5IA85280, [^{123}I]IQNB, [^{123}I]BetaCIT, [^{123}I]mZIENT, [^{123}I]CNS1261).

This facility is now over 30 years old. A new RND is currently being built at Gartnavel General Hospital and is anticipated to be operational in 2027.

This new radiopharmacy facility will primarily produce ^{99m}Tc-based radiopharmaceuticals, with a plan to provide a ^{68}Ga-radiopharmaceutical service in the future.

West of Scotland PET Centre

The PET Radiopharmaceutical Production Unit (PET RPU), led by Dr Jonathan Owens, is an NHS facility that provides a clinical PET radiopharmaceutical production service, supplying two clinical GE Discovery Time-of-Flight PET/CT scanners. The unit routinely produces the clinical radiopharmaceuticals [^{18}F]FDG and [^{18}F]FPSMA and is currently in the process of re-establishing the clinical production of [^{68}Ga]Edotreotide. The team also supports radiopharmaceutical production and PET research at remote sites across Scotland and northern England, including Aberdeen, Edinburgh, Newcastle, and Hull. For example, the unit has produced and shipped [^{18}F]FMISO for a phase I clinical trial at the Edinburgh Imaging facility.

West of Scotland PET centres

Translational Molecular Imaging Centre, CRUK Scotland Institute

The Translational Molecular Imaging (TMI) Centre, is dedicated to advancing novel imaging technologies for cancer diagnosis. The TMI operates cross two sites: a pre-clinical production facility, at the West of Scotland PET Centre at Gartnavel General, headed by Dr Dmitry Solovyev, which includes access to the GE cyclotron and two dedicated research radiosynthesisers, and a small-animal PET/MRI facility, headed by Prof David Lewis at the CRUK Scotland Institute. The Centre focuses on developing and applying innovative imaging technologies, such as new PET radiotracers, to aid in the visualisation, measurement and understanding of cancer biology.

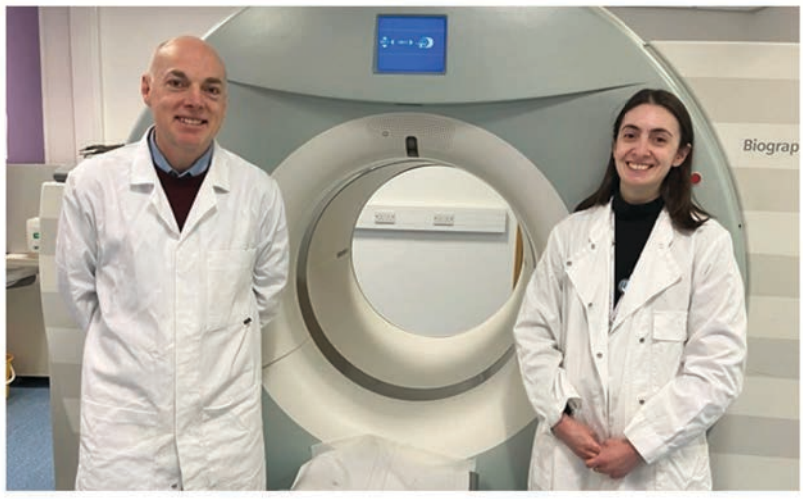
Dr Dmitry Solovyev (right) and Gavin Brown (left) at CRUK SI

Radiotracers available for research at the TMI include [^{11}C]methionine, [^{11}C]nicotinamide, [^{18}F]fluoroproline, [^{18}F]FSPG, [^{11}C]leucine, [^{11}C]acetate, [^{11}C]alanine, [^{68}Ga]PSMA, [^{18}F]FET, [^{18}F]FLT, [^{18}F]TFB, [^{11}C]PIB, and [^{18}F]LW223.

Radiochemistry Laboratory, University of Glasgow

Dr Andy Sutherland, Professor of Organic Chemistry at the University of Glasgow, along with Dr Sally Pimlott (NHS Greater Glasgow and Clyde), Dr Dmitry Solovyev (University of Glasgow) and Prof. Adriana Tavares (University of Edinburgh) have an established research track-record in developing novel radiotracers and radiochemistry.

Their work has led to over 90 papers and two patents in molecular imaging technology, novel radiochemistry, and PET radiopharmaceutical development, including first-in-human studies. To further this research, a new state-of-the-art radiochemistry facility is being established in the School of Chemistry. This will give researchers at the University of Glasgow access to this expertise, helping develop



Prof. Andy Sutherland (Glasgow) and Prof. Adriana Tavares (Edinburgh)

radiopharmaceuticals for future clinical studies.

a first step, [^{11}C]acetate produced at the PET RPU in Glasgow was successfully imaged at the Edinburgh Preclinical Imaging facility, allowing Edinburgh researchers to perform essential studies in disease models.

Scotland Total Body PET Facility

Scotland's first Total-Body PET scanner opened in 2025 at the Royal Infirmary in Edinburgh. This facility is co-managed by the University of Glasgow and the University of Edinburgh. Its goal is to benefit patients locally and nationally, and to speed up diagnosis, treatment and clinical trials across the UK.

Scotland's 1st total body PET

Collaboration between the radiochemistry teams in Glasgow and Edinburgh is growing stronger, with the goal of providing state-of-the-art radiopharmaceuticals for the new facility. As key part of this effort, the pre-clinical team in Glasgow plans to help the Edinburgh Imaging Radiochemistry facility translate the production of carbon-11 radiopharmaceuticals into GMP production. As

Written by Sally Pimlott

Write to us so we can include your centre in the next issue of Positron Pulse

Write to us with your suggestions of your favourite PET Radiochemistry stars

Trailblazers

Sailing away with Dr Sally Pimlott, NHS Greater Glasgow and Clyde

Catherine Dickmann (Molecular Imaging Chemistry Laboratory, MICL) sat down with Sally Pimlott, head of a radiopharmaceutical development group at the University of Glasgow to hear about her career in radiochemistry and perspectives on PET chemistry in the UK.

Dr Sally Pimlott

Can you tell us a bit about your educational beginnings?

So I grew up in Stockport and did all my schooling there. My first degree was at the University of Sheffield which was actually in neuroscience, so I am not a chemist by training. I graduated from Sheffield with a 2/1 in 1999 and I started my PhD straight after that in 2000 in Glasgow and I've been there ever since!

Where did you get your first research experience?

Before my PhD I did a small research project as part of my degree that was looking into the effects of antipsychotic drugs on the dopamine system with Professor Gavin Reynolds at University of Sheffield. The project focused on drug occupancy of dopamine receptors so that got me interested in thinking about how important receptors interactions are for brain function. My PhD in Glasgow followed on from this and focused on tracer development for acetylcholine receptors.

Any chance you have title of your thesis?

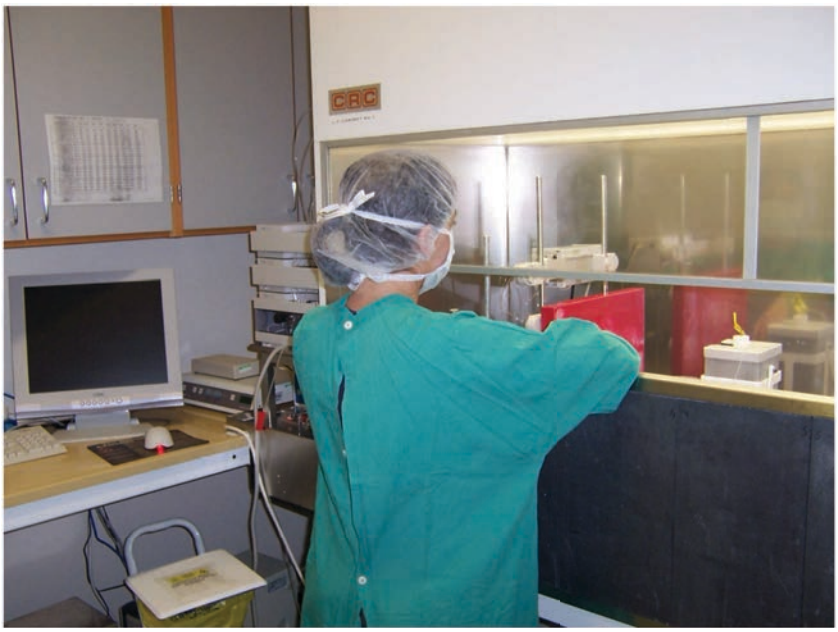
I do – my thesis title was: 'Radiosynthesis and evaluation of novel acetylcholine receptor radioligands'. This was my first venture into imaging and radiochemistry. My supervisor was Dr Jonathan Owens. I really didn't know anything about the field before I started so was jumping in at the deep end. I chose the PhD because I liked the sound of it because of my interest in neuroreceptors that I had developed in Sheffield but also, I saw it and thought, you know this field is directly applicable to patients with the research translating directly to clinical outcomes. I found this really exciting.

How did you manage the transition from neuroscience to radiochemistry?

I was coming from a biology background, so I was working with compounds whose chemistry was already known and were available. I was taking these known compounds and performing simple radioiodinations for SPECT imaging. Part of my project, focussed on the evaluation of the radiotracers in human brain tissue in a collaboration with the University of Newcastle- our group didn't have any animal models at that point. We even managed to move the tracer into clinical trials and got some patient images in Alzheimer's disease patients. They weren't first in man but they were first-in-UK and that was really exciting. I really enjoyed this work so I knew I wanted to stay in the tracer development field.

So you stayed in Glasgow after your PhD?

Yes, my PhD supervisor Jonathan Owens left his research role in Glasgow so I had the opportunity to stay and really expand in the capacity as an independent researcher. After my PhD I set up a collaboration with Professor Andy Sutherland, an organic chemist. His group performed the development of the chemistry and the novel compounds, and we found biological targets through collaborations with researchers within the University of Glasgow. My role in that collaboration was to perform the radiochemistry and evaluate of lead candidates using small animal SPECT studies. Then once PET became more available, we started to move in the direction of PET tracer development.



2007: Clinical production of [^{123}I]5IA85380 in West of Scotland Radionuclide Dispensary, Western Infirmary

How have things changed since your PhD when you were able to get a tracer into humans?

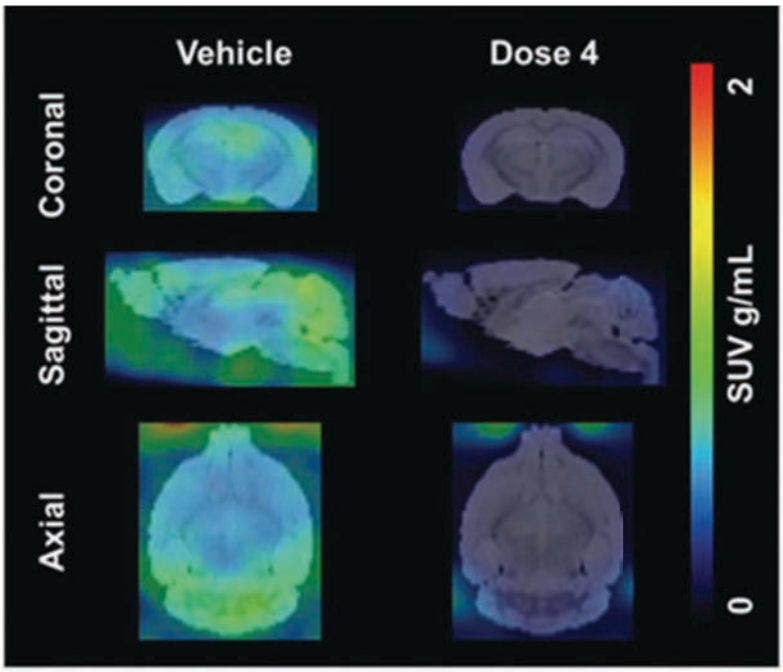
Things have changed massively. Obviously, we still had legislation and regulations to work to back then, but the work needed to be compliant with these legislations have increased exponentially over time. We had a very small team of people then with one or two people producing a radiopharmaceutical for a patient whereas now you need a much larger team to manage all the quality assurance aspects required. We wouldn't have been able to do what we did then now.

What is the achievement you are most proud of in your career?

After over 15 years of working in the field of TSPO imaging, we have managed to get one of our own tracers – [18F]LW223 - that we developed here in Glasgow and Edinburgh into a human. After various libraries of compounds, numerous lead compounds and around 10 publications, in July of 2025 we were able to get our first human images. It's been a long road but what is so amazing about this field is being able to see an image that has been obtained in a living person using something that you've created.

Where do you think PET is going in future?

I think development of total body PET is very exciting. I think this will be a big game changer. With the advent of total body PET there is a new challenge for us radiochemists to produce radiopharmaceuticals



[^{18}F]LW223 in murine brain images taken from Knyzeliene et al. Journal of Cerebral Blood Flow & Metabolism. 2023;44(3):397-406. doi:10.1177/0271678X231205661

and keep up with the increased demand that total body PET will bring. I think in the UK we are struggling with radiopharmaceutical production in part because it has been underfunded. As a community we need to somehow change that. I think initiatives such as the National PET Imaging Platform advisory group, has the potential to improve the funding situation. One of the aims of this group is to address the increased regulatory burden that we are facing in the UK (click here to read the white paper put out by the advisory group on securing the future of radiopharmaceuticals in the UK). This group was set up when the MRC funded the two total body PETs (one in London and one in Scotland).

So with the advent of total body PET do you think there needs to be more investment into radiopharmaceuticals?

Yes I do think so. In the UK there is some exceptional research ongoing but when it comes to translating into a human, we struggle. For example, with our TSPO tracer, LW223 we initially obtained MRC funding to do first-in-man studies in the UK but in the end we went to China to get our first human images - the regulatory burden we have been facing in the UK has just been too great delaying progress considerably. I am hopeful we will get our clinical study going in the UK eventually but it has taken far too long. I think the funding issue is also a publicity issue as well – as a community we need to be better at promoting the incredible radiopharmaceutical science that we are doing in the UK.

Do you have any advice for trainees?

The main advice I have is to get as much experience doing as wide a range of techniques as possible. Radiochemistry and it application to imaging and therapy is a hugely multidisciplinary field so it is so important to get as broad a skill set as possible. This makes you more versatile and attractive to employers. Taking advantage of opportunities like the Peter Horlock Skills Training and Development Award is one way to enhance your skill set Peter Horlock Skills Training and Development Award.

What do you like to do outside the lab?

I like to go for runs to clear my head and I also love to sail.

Sally sailing away

In the news

UK at iSRS 2025

We are pleased to announce that UK PET Chemistry has partnered with the International Society for Radiopharmaceutical Sciences. Through a memorandum of understanding both societies will endorse each other's various meetings and activities. The goal of the iSRS is to 'advance excellence in radiopharmaceutical science education and research'.

The iSRS has met biennially since their first meeting in Brookhaven, 1976 and has been held once in the UK, in Oxford in 1978. The official journal of the iSRS is Nuclear Medicine and Biology (IF = 3.0) which publishes 'original research addressing all aspects of radiopharmaceutical science'. The next iSRS meeting will take place in Helsinki in May 2027 – look out for an abstract call in late 2026.

The 26th International Symposium on Radiopharmaceutical Sciences took place this year in a rainy Gold Coast from the 11th to the 15th May with over 80 scientific presentations, two rapid fire poster sessions and four plenary lectures showcasing the full spectrum of radiopharmaceutical sciences.

This year's keynote speakers were Dr Cathy Sue Cutler (Brookhaven National Laboratory), Professor Matthias Herth (University of Copenhagen), Professor Maria Kavallaris (UNSW) and Prof Mikago Ogawa (Hokkaido University). This year's iSRS placed a strong emphasis on alpha emitter chemistry, radiotheranostics and oncology and gave less focus to neuroscience and carbon-11 chemistry. Fluorine-18 radiochemistry remained a popular topic, with two dedicated sessions.

Beyond the scientific programme, there was a full social programme that allowed new and old friends to connect both poster and beachside (where conference goers made use of their custom-made iSRS 2025 beach towels). Two

iSRS 2025 participants

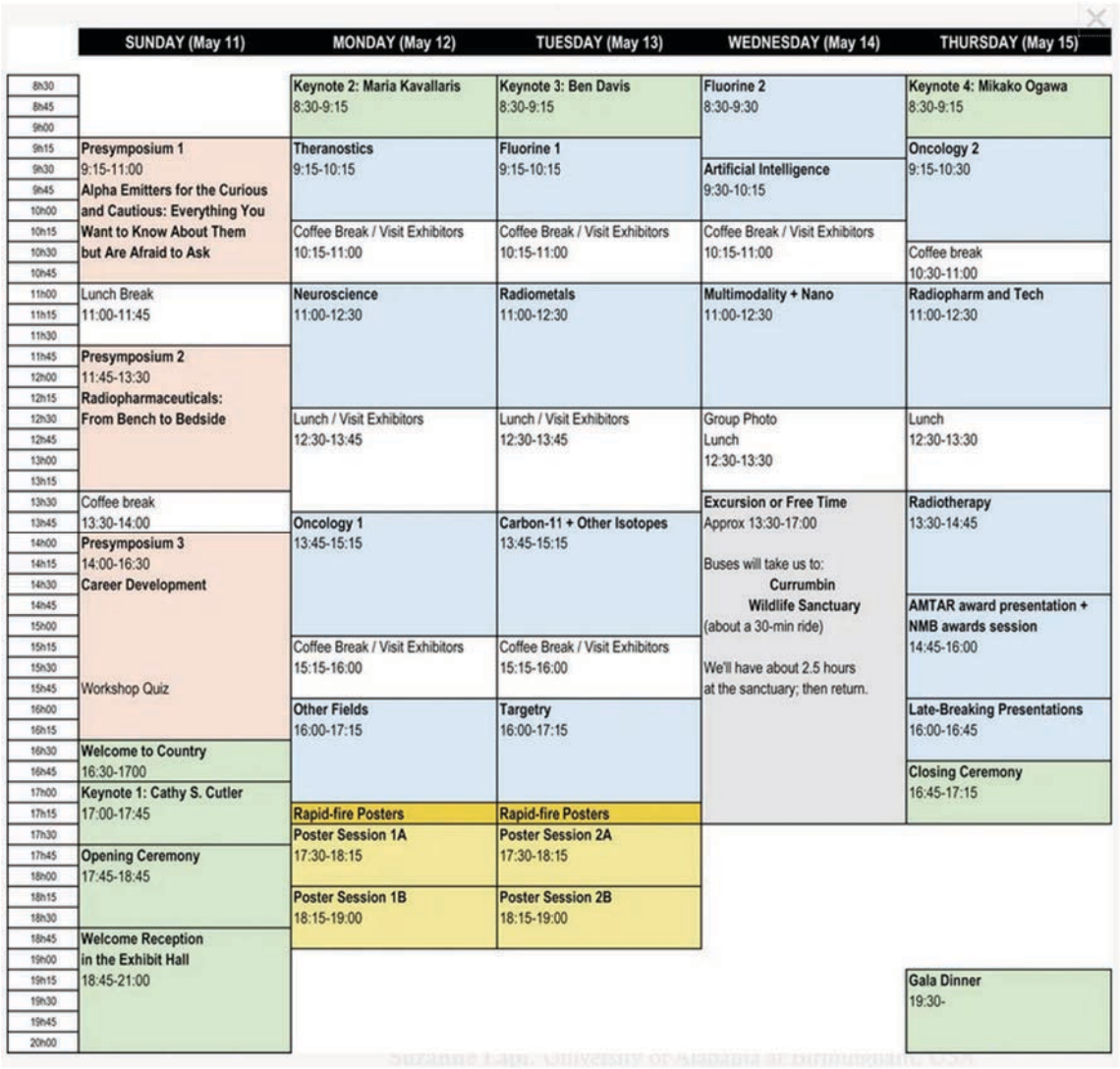
highlights were the visit to the Currumbin Wildlife Sanctuary and the closing gala dinner.

Unsurprisingly there was strong Australian, European and US-attendance at this year's conference with the scientific sessions dominated by speakers from these regions. The UK did not make a very large showing, with no UK-based PIs in attendance at this iteration of iSRS. UK-based contributions to the scientific programme were made predominantly in the poster sessions, with the exception of Dr Fraser Edgar from the Cancer Research UK Scotland Institute who delivered an excellent talk on the development of a radiotracer library for the investigation of cancer cachexia in the carbon-11 radiochemistry session.

Posters were given by UK-based delegates from King's College London, the University of Cambridge, the University of Oxford, the University of Manchester, the Queen Mary University of London, Astral Systems and the Lawson Research Institute. Finally, Professor Franklin I Aigbirhio from the University of Cambridge was recognised in the closing session for his tenure as an iSRS board member.

We look forward to the newfound partnership between the iSRS and UK PET Chemistry and hope this encourages the UK PET Chemistry network to evolve in step with the iSRS. We hope to welcome the iSRS back to the UK soon.

Written by Catherine Dickmann



	SUNDAY (May 11)	MONDAY (May 12)	TUESDAY (May 13)	WEDNESDAY (May 14)	THURSDAY (May 15)
8h30		Keynote 2: Maria Kavallaris 8:30-9:15	Keynote 3: Ben Davis 8:30-9:15	Fluorine 2 8:30-9:30	Keynote 4: Mikako Ogawa 8:30-9:15
8h45					
9h00					
9h15	Presymposium 1 9:15-11:00 Alpha Emitters for the Curious and Cautious: Everything You Want to Know About Them but Are Afraid to Ask	Theranostics 9:15-10:15	Fluorine 1 9:15-10:15	Artificial Intelligence 9:30-10:15	Oncology 2 9:15-10:30
9h30					
9h45					
10h00					
10h15		Coffee Break / Visit Exhibitors 10:15-11:00	Coffee Break / Visit Exhibitors 10:15-11:00	Coffee Break / Visit Exhibitors 10:15-11:00	
10h30					Coffee break 10:30-11:00
10h45					
11h00	Lunch Break 11:00-11:45	Neuroscience 11:00-12:30	Radiometals 11:00-12:30	Multimodality + Nano 11:00-12:30	Radiopharm and Tech 11:00-12:30
11h15					
11h30					
11h45	Presymposium 2 11:45-13:30 Radiopharmaceuticals: From Bench to Bedside				
12h00					
12h15					
12h30		Lunch / Visit Exhibitors 12:30-13:45	Lunch / Visit Exhibitors 12:30-13:45	Group Photo Lunch 12:30-13:30	Lunch 12:30-13:30
12h45					
13h00					
13h15					
13h30	Coffee break 13:30-14:00			Excursion or Free Time Approx 13:30-17:00	Radiotherapy 13:30-14:45
13h45		Oncology 1 13:45-15:15	Carbon-11 + Other Isotopes 13:45-15:15		
14h00	Presymposium 3 14:00-16:30 Career Development			Buses will take us to: Currumbin Wildlife Sanctuary (about a 30-min ride)	
14h15					
14h30					AMTAR award presentation + NMB awards session 14:45-16:00
14h45					
15h00					
15h15		Coffee Break / Visit Exhibitors 15:15-16:00	Coffee Break / Visit Exhibitors 15:15-16:00		
15h30					
15h45	Workshop Quiz			We'll have about 2.5 hours at the sanctuary; then return.	
16h00		Other Fields 16:00-17:15	Targetry 16:00-17:15		Late-Breaking Presentations 16:00-16:45
16h15					
16h30	Welcome to Country 16:30-1700				Closing Ceremony 16:45-17:15
16h45					
17h00	Keynote 1: Cathy S. Cutler 17:00-17:45	Rapid-fire Posters	Rapid-fire Posters		
17h15					
17h30		Poster Session 1A 17:30-18:15	Poster Session 2A 17:30-18:15		
17h45	Opening Ceremony 17:45-18:45				
18h00					
18h15		Poster Session 1B 18:15-19:00	Poster Session 2B 18:15-19:00		
18h30					
18h45	Welcome Reception in the Exhibit Hall 18:45-21:00				
19h00					
19h15					Gala Dinner 19:30-
19h30					
19h45					
20h00					

iSRS 2025 programme at a glance

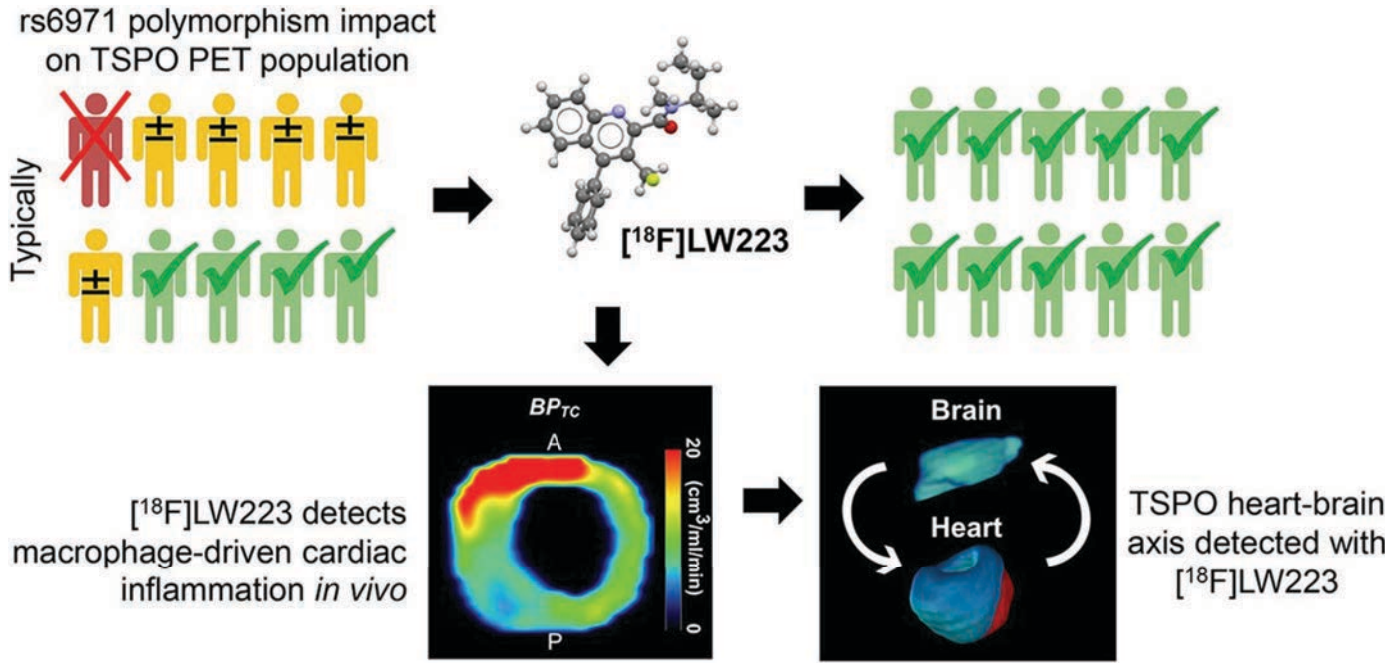
[^{18}F]LW223

Anyone working in the brain PET imaging will be familiar with the TSPO story. Initially, it was known as peripheral benzodiazepine (PBR) receptor acting as a secondary binding site for diazepam and later it was found expressed not only in periphery but brain too. It is considered gold-standard of neuroinflammation PET imaging despite having limitations, both due to the properties of target and PET radiotracers available to image it. The main disadvantage of the target is due to genetic polymorphism which results in individuals being high, medium or low binders thus necessitating pre-screening prior to scanning. Most widely applied PET radiotracer of TSPO is carbon-11 PK11195 which not only has poor radiosynthesis, but also shows relatively high non-specific binding in addition to having radionuclide with a very short physical half-life. Identifying a suitable radiotracer for TSPO has been a long standing aim of PET imaging community.

Groups at Glasgow and Edinburgh led by medicinal chemistry work of Prof. Sutherland, preclinical evaluation with Dr. Pimlott and PET image analysis with Prof. Tavares have developed a novel polymorphism independent PET radiotracer for imaging TSPO. Initial results from first-in-man imaging studies with [^{18}F]LW223 are under analysis and initial indications are extremely promising. For more information and a detailed story about the development of [^{18}F]LW223 please read below articles and look out for publication of the first-in-man study soon.

Publications:

- [^{18}F]LW223 has low non-displaceable binding in murine brain, enabling high sensitivity TSPO PET imaging; *J. Cereb. Blood Flow Metab.* **2024**, *44(3)*, 397-406 https://doi.org/10.1177/0271678X231205661
- A novel 18F-labelled high affinity translocator protein agent for PET imaging; *Chem. Sci.* **2015**, *6*, 4772-477 https://doi.org/10.1039/C5SC01647A
- Structure-activity relationships of novel iodinated quinoline-2-carboxamides for targeting the translocator protein; *Med. Chem. Commun.* **2013**, *4*, 1461-1466 https://doi.org/10.1039/C3MD00249G
- New iodinated quinoline-2-carboxamides for SPECT imaging of the translocator protein; *Bioorg. Med. Chem. Lett.* **2010**, *20*, 954-957



A novel TSPO PET radiotracer [^{18}F]LW223: binds independently from rs6971 human polymorphism. Used for quantification of macrophage-driven inflammation during myocardial infarction. Taken from J. Nucl. Med. **2021**, *62(4)*, 536-544. https://doi.org/10.2967/jnumed.120.243600

UK PET Centre News

In this issue of *Positron Pulse*, we would like to request updated information about the radiotracers currently being produced at various UK PET facilities. We asked centres to please refer to the *Nuclear Medicine Communications* article published in 2022 (see link below) and provide details they would like to share. We have had response from 4 centres as following.

Please share your news for the next issue by reaching out at:

UKPETChemistry-Newsletter@outlook.com

University of Aberdeen: In Aberdeen we currently offer six clinical radiotracers including [^{68}Ga]-labelled PSMA and DOTATATE, [^{11}C]-labelled methionine and [^{18}F]-labelled FDG, FPSMA, FMISO for application on site. Immediate plans include validation of clinical tracers [^{18}F]CETO, [^{18}F]FLT, [^{68}Ga]FAPI. A position for an additional radiochemist will be advertised soon.

Radiopharmaceutical Unit, University of Cambridge: At Cambridge the main news was announcement of a new total body PET.

PERL, King's College London: The team confirmed information within NMC article is not correct as PERL at KCL has MS license and not MS(IMP). Radionuclides produced include F-18, C-11, N-13 and Cu-64. Radiotracers being produced are [^{18}F]FDG, [^{11}C]Methionine, [^{18}F]FSPG and [^{18}F]DCFPyL-PSMA. We have fully validated [^{18}F]SynVesT-1 and are awaiting results so that we can put this in the clinic. We are validating [^{18}F]NaF. We have also done [^{18}F]FDOPA for pre-clinical use but the research labs do other tracers which are for pre-clinical use, including Tc-99m and Ga-68. We would like to bring a Cu-64 tracer into clinical production but still at the early stages of this. The most likely choices would probably be a FAPI tracer or maybe DOTATATE but no firm decisions. For us, the main news would be the introduction of [^{18}F]FSPG at the beginning of the year which is being used in a clinical study for head and neck cancer and in lung cancer. We have completed scanning (two scans per patient) on 4 patients now so that study is going really well. No publications from PERL, this is because we are more service provision than R&D.

Molecular Imaging Research Centre, Hull: Progress is being made at the MIRC, but nothing too much that we can write about for this issue. It might be worth noting that we are planning to have operational clean rooms by the end of Q4 2025, with [^{68}Ga]Ga-DOTATOC and [^{68}Ga]Ga-PSMA-11 validation commencing early January 2026 .

UK PET Science Publications

An old publication:

An overview of nuclear medicine research in the UK and the landscape for clinical adoption J. D. Young *et al*, *Nucl. Med. Comm.* **42(12)**, 1301 (2021). https://doi.org/10.1097/MNM.0000000000001461

Development of a halofluorocarbon, chromatography-free radiosynthesis of fluorine-18 difluorocarbene. C. G. F. Dickmann *et al*. *EJNMMI Radiopharm Chem.* **10(1)**, 43, (2025). https://doi.org/10.1186/s41181-025-00353-8

Please share your latest publications with us!

Funding Opportunities

Funding	Scope / Notes	Deadline	Website
RSC Inclusion & Diversity Fund	For innovative projects that research and address inclusion and diversity issues in the chemical sciences	*15 Sep 2025*	https://www.rsc.org/funding-and-support/funding/inclusion-and-diversity-fund
RS Entrepreneur in Residence	To increase the knowledge and awareness in UK universities of cutting-edge industrial sciences, research and innovation	*17 Sep 2025*	https://royalsociety.org/grants/entrepreneur-in-residence/
RS Industry Fellowships	Enable movement of talented scientists and engineers between academia and industry, supporting researcher development, knowledge exchange, collaborations, and links	*18 Sep 2025*	https://royalsociety.org/grants/industry-fellowships/
RS Faraday Discovery Fellowships	Support the most talented mid-career research leaders to undertake high-quality, original research	*23 Sep 2025*	https://royalsociety.org/grants/faraday-discovery-fellowships/
RS International Exchanges	For UK scientists to stimulate new collaborations with leading scientists overseas through one-off visits or bilateral travel	*25 Sep 2025*	https://royalsociety.org/grants/international-exchanges/
UK ITSS Equipment Sharing Fund	For researchers, PhD students and RTPs to access cutting-edge research equipment not available in their home institution	*26 Sep 2025* *28 Nov 2025* *27 Feb 2026*	https://itss.org.uk/what-we-do/equipment-sharing-and-technology-expertise/equipment-sharing-fund/
RSC Researcher Collaborations Grants	To enable researchers to establish and develop national, international, interdisciplinary and cross-sector collaborations and networks	*29 Sep 2025*	https://www.rsc.org/funding-and-support/funding/researcher-collaborations-grants
Rosetrees Continuation Awards (Prelim) Full application	Continuation funding for projects that have shown outstanding progress; must continue from a Rosetrees-funded project and target unmet clinical need	*29 Sep 2025* *24Nov 2025*	https://rosetrees.org.uk/seedcorn-awards/
Rosetrees Translational Fellows Award	To catalyse translational research providing patient benefit within 5-10 years. Applicants must hold an establishment/development fellowship from ERC, UKRI, RS or Wellcome	*30 Sep 2025*	https://rosetrees.org.uk/translational-fellows/
Wellcome Early-Career Awards	For early-career researchers from any discipline to develop their research identity and deliver shifts in understanding related to human life, health and wellbeing	*30 Sep 2025*	https://wellcome.org/grant-funding/schemes/early-career-awards
STFC Ernest Rutherford Fellowship 2025	For exceptional early-career researchers. Supports future leaders to establish independent programmes	*1 Oct 2025*	https://www.ukri.org/opportunity/ernest-rutherford-fellowship-2025/
EPSRC Health Technologies Connectivity Awards (Round 2)	For spending time in a different research or user environment to build new skills and collaborations relevant to health technologies	*2 Oct 2025*	https://www.ukri.org/opportunity/health-technologies-connectivity-awards-round-two/
RSC Outreach Fund	Supports running of chemistry-based public and schools engagement activities	*3 Oct 2025*	https://www.rsc.org/funding-and-support/funding/outreach-fund
STFC Leadership Fellowships in Public Engagement	Support a leadership role in engaging the public with STFC-supported science, technology or facilities	*16 Oct 2025*	https://www.ukri.org/opportunity/stfc-leadership-fellowships-in-public-engagement/
MRC Gap Fund	To address a single-step evidence gap and de-risk the development of a new medicine, device, diagnostic or intervention	*12 Nov 2025*	https://www.ukri.org/opportunity/funding-for-early-stage-development-of-new-healthcare-interventions/
Wellcome Career Development Awards	For mid-career researchers with potential to be international leaders, delivering significant shifts in understanding	*20 Nov 2025*	https://wellcome.org/research-funding/schemes/wellcome-career-development-awards
Wellcome Discovery Awards	For established researchers/teams pursuing bold and creative research ideas with significant shifts in understanding	*25 Nov 2025*	https://wellcome.org/research-funding/schemes/wellcome-discovery-awards
RS Partnership Grants	For schools and colleges to partner with STEM professionals from academia or industry to run investigative STEM projects	*1 Dec 2025*	https://royalsociety.org/grants/partnership-grants/
EPSRC Strategic Infrastructure Outlines	To purchase strategic infrastructure including equipment, resources, or both	*No closing date*	https://www.ukri.org/opportunity/strategic-infrastructure-outlines/

EPSRC Network Grant	To develop new interdisciplinary research communities by supporting interaction between researchers and industry/technology groups	*No closing date*	https://www.ukri.org/opportunity/epsrc-network-grant-nov-2023-responsive-mode/
EPSRC Overseas Travel Grant	For overseas visits to learn techniques or develop collaborations	*No closing date*	https://www.ukri.org/opportunity/epsrc-overseas-travel-grant-nov-2023-responsive-mode/
RSC Grants for Carers	For costs incurred when attending a chemistry-related event, to cover care responsibilities	*No closing date*	https://www.rsc.org/funding-and-support/funding/grants-for-carers
RSC Accessibility Grant	To reduce accessibility challenges when attending professional events	*No closing date*	https://www.rsc.org/funding-and-support/funding/accessibility-grants

Meetings & Conferences

Date	Location	Meeting	Notes	Website
9 Sep 2025	Virtual	**BNMS Research Webinar**	Dr Richard Southworth – New Opportunities for Cardiac Molecular Imaging in the Era of Total Body PET	https://www.bnms.org.uk/page/BNMSResearchwebinarseries
29–30 Sep 2025	London	**BNMS Autumn Meeting**	Abstract submission – closed; Early bird reg deadline 15 Sep 2025	https://www.bnms.org.uk/mpage/Autumn2025homepage
29 Sep – 3 Oct 2025	Alaska	**WMIC 2025**	Abstract submission closed; Registration open	https://wmis.org/wmic-2025/
4–8 Oct 2025	Barcelona	**EANM 2025**	Abstract submission closed; Advanced reg deadline 23 Sep 2025	https://eanm25.eanm.org/
10–12 Nov 2025	Amsterdam	**7th Targeted Radiopharmaceuticals Summit**	Early-bird registration closes 12 Sep 2025	https://targeted-radiopharma.com/
14 Nov 2025	Cambridge	**International Isotope Society UK Group – 31st Annual Symposium**	Poster abstract submission by email; Registration closes 7 Nov 2025	https://www.iis-uk.org/
18–19 Nov 2025	London	**Chemical Science Symposium 2025**	Chemistry of imaging, biosensing and diagnostics; Poster deadline 8 Sep 2025; Early-bird reg closes 29 Sep 2025	https://www.rsc.org/events/detail/81053/chemical-science-symposium-2025
24–27 Mar 2026	Ljubljana, Slovenia	**EMIM 2026**	Poster abstract submission opens 30 Sep 2025; closes 18 Nov 2025; Registration opens Oct 2025	https://e-smi.eu/meetings/emim/2026_ljubljana/
20–22 Apr 2026	Manchester	**BNMS Spring Meeting**	Details tbc	https://www.bnms.org.uk/events/EventDetails.aspx?id=1773302&group=

Bulletin Board

Do YOU have a message for the community? A piece of equipment you're trying to borrow? A job position to fill?

Please contact us at UKPETChemistry-Newsletter@outlook.com to appear in the next Positron Pulse newsletter.