University of St Andrews | IDEAS in Addiction Medicine
Innovation, Design, Entrepreneurship, Action & Systems Hub for Addiction Medicine

2nd annual Innovation in Addiction Medicine Summit

3rd and 4th December 2026

Welcome to our second annual **IDEAS in Addiction Medicine** Innovation Summit

We are delighted that you are joining us for this exploration of the achievements, interests, and activities of the IDEAS Hub and our wider community. Whether you are attending one day or both, we hope you will find the sessions thought-provoking, energising, and rich with opportunities to connect, collaborate, and exchange ideas.

Across two days, we will explore three complementary dimensions of innovation:
the entrepreneurial journey from idea to impact, opportunities to inform and improve patient care and service delivery, and innovation in surveillance through wastewater analysis.

Bringing together diverse voices from academia, healthcare, industry, financial sector, policy, and lived experience, this Summit aims to foster new conversations, partnerships, and possibilities for innovation in addiction medicine and beyond.



Prof Alex Baldacchino
School of Medicine



Dr Gosia Mitka
Business School &
St Andrews Innovation



Joe Schofield
School of Medicine

Partners and Sponsors

University of St Andrews | Business School

NHS Fife

University of St Andrews | School of Medicine

DigitAS St Andrews Digital innovation in Addiction Services

IMPACTWHEEL Funded by the European Union

Ventures Lab | Challenges Group

CONVERGE

ST ANDREWS INNOVATION / For Impact

The entrepreneurial journey

Thursday 3rd December

Lower College Hall, St Salvator's Quadrangle, St Andrews

08:30 **Registration and Welcome - Tea & Coffee**

09:00 **Welcome and Opening Remarks**
Professor Brad MacKay, Deputy Principal
Professor Peter Donnelly, Professor of Public Health, School of Medicine
Professor Mark Brewer, Dean, Business School

09:30 **Funding Innovation in Addiction Medicine: Pushing the Frontier of What is Possible**
Sarah Hardy, Director, Head of New Insvestments, Archangels
Dr Shabnam Kazembalaghi, Business School, Finance
Dr Roger Flint, Medical Entrepreneur and Investor
Dr Poonam Malik, Biomedical Entrepreneur and Investor

10:15 **Why IDEAS in Addiction Medicine? Entrepreneurship in the addiction field**
Dr Gosia Mitka, Business School & St Andrews Innovation

10:35 **Comfort and Networking Break - Tea & Coffee**

10:50 **Entrepreneurs in the Field of Addiction**
Moira Mackenzie, Digital Health & Care Innovation Centre (Chair)
James Ingram, Scienap
Dr Claire Ann Banga, eMoodie
Dr Ali Shoaib and Ayub Shoaib, NOMW
Colin Brown, LEAP
Michał Bartler, Subreal
Dr Benjamin Zamanian, OrgaBiom

12:15 **Lunch and Networking**

13:15 **The Innovation Ecosystem in Action**
Professor Tom Brown, Vice Principal Research, Collections & Innovation
Keith Millican, Director of Enterprise, St Andrews Innovation

13:30 **Innovation Opportunities Showcase**
Dr Saydulla Persheyev, School of Physics and Astronomy
Dr Graham Bruce, School of Physics and Astronomy
Dr Ed Stephens, School of Earth and Environmental Sciences

14:00 **IDEAS Innovation Sprint**
An interactive ecosystem workshop in partnership with Converge and Ventures Lab

15:30 **Innovation Challenge Grand Finale**
With Prof Anna Brattström, Dr Sapnoti Eswar, Dr Ralitza Nikolaeva (Business School), Sarah Hardy (Archangels), Dr Poonam Malik, Dr Roger Flint (Entrepreneurs and Investors)

16:30 **Conclusion and Next Steps**
Professor Alex Baldacchino, School of Medicine

Improving patient care & delivery

Friday 4th December: morning
Lower College Hall, St Salvator's Quadrangle, St Andrews

08:30 **Registration and Welcome - Tea & Coffee**

09:00 **Welcome and Opening Remarks**
Maree Todd MSP, Minister for Mental Wellbeing, Public Health, Sport, Alcohol and Drugs, Scottish Government
Professor Deborah Williamson, School of Medicine
Honorary Professor Patricia Kilpatrick, NHS Fife

09:30 **IDEAS in Addiction Medicine St Andrews & DigitAS St Andrews**
Professor Alex Baldacchino, School of Medicine

09:45 Domain 1: **Reducing Drug Deaths: Initiatives to Predict and Prevent Fatal Overdose**
Joe Schofield, School of Medicine
Dr Susanna Galea Singer, NHS Fife

10:15 Domain 2: **Improving Clinical Data Intelligence to Understand Multimorbidity Through Data Science**
Dr Nina McKenzie, NHS Lothian & School of Medicine
Joe Schofield, School of Medicine

10:45 **Comfort and Networking Break - Tea & Coffee**

11:00 Domain 3: **Improving Service Provision through Digital Transformation & Implementation Science**
Dr Gillian Forbes, School of Medicine
Moira Mackenzie, Digital Health & Care Innovation Centre

11:30 Domain 4: **Understanding the Centrality of Patient Care in a Complex Environment**
Professor Frank Sullivan, School of Medicine
Dr Gosia Mitka and Dr Janis Petzinger, Business School

12:00 **Discussion: Opportunities for Care in NHS Fife & Beyond**
Professor Peter Donnelly, School of Medicine

12:45 **Lunch and networking**

Innovation in surveillance

Friday 4th December: afternoon
School 2, United College Quadrangle, St Andrews

14:00 Improving innovative data collection and wastewater analysis: opportunities for a cross-sectional approach
Chairs: Professor Deborah Williamson and Professor Alex Baldacchino, School of Medicine

European Union Drugs Agency (EUDA) and innovative data collection methods
Marica Ferri, European Union Drugs Agency (Online)

Targeting populations at risk or a population based intelligence gathering exercise?
Professor Niamh Nic Daeid or team member
Leverhulme Research Centre for Forensic Science

A nationwide wastewater monitoring pilot to identify legal and illegal substances and enable future substance use research. A US experience
Dr Peter Chai, Harvard Medical School (Online)

Opportunities to explore using waste-water analysis as a transviral and/or transtoxicity platform: Beyond current assumptions
Professor Matthew Holden, School of Medicine

15:45 **Conclusion**
Joe Schofield, School of Medicine

The second **Summit on Innovation in Addiction Medicine** is a two-day programme designed to position the University of St Andrews as a global leader in addiction innovation. The Summit focuses on turning cutting-edge research into meaningful, real-world impact.

The programme is closely aligned with the University Strategy, fostering a culture of innovation to deliver maximum social benefit. Through these events, we aim to strengthen collaboration and generate solutions that reflect the University's strategic themes:



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