



SMART NEWSLETTER

Turning measurement into action

SEPTEMBER 2026 · ISSUE 1

A welcome from our SMART Lead

Welcome to the first SMART newsletter. SMART brings together researchers, industry, clinicians and the public to turn real-time health measurements into action and advance point-of-care diagnostics.

Through this monthly newsletter, we will share opportunities to collaborate, contribute to research and help shape our priorities. Our new [SMART website](#) is a work in progress, with more resources and opportunities to be added over the coming months.

Marloes Peeters | SMART Lead



OPPORTUNITIES

Help Shape the Future of Kidney Disease Diagnosis

Are you living with kidney disease, or caring for somebody who is? Please take our short five-minute survey to help us understand whether earlier diagnosis could improve care and outcomes, and to guide future research.

[Take the kidney-disease survey](#)

Collaboration on Detection of Antibiotics

SMART researchers have developed a technology for rapid bedside detection of beta-lactam antibiotics, with promising results in clinical samples. We are seeking industrial collaborators to support commercialisation and co-development with clinicians at Manchester University NHS Foundation Trust.

[Contact the SMART team](#)

RESEARCH AND COMMUNITY



Aalaa Khaled

Research spotlight on Aalaa Khaled Moussa Abu Kalloub

Aalaa joined the University of Manchester this September as an African Futures Scholar, working with Prof Marloes Peeters, Prof Alex Casson and Dr Raveen Tank. Formerly an assistant lecturer in polymer organic chemistry at Cairo University, her research includes smart pH-responsive hydrogels for sustained drug delivery. She is now developing point-of-care sensing platforms to help move healthcare into the community.

[Explore Aalaa's research on Google Scholar](#)

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