



# BRITISH SOCIETY FOR NANOMEDICINE

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## Welcome to the British Society for Nanomedicine Newsletter

With the global benefits of the new science of nanomedicine growing each year, the British Society for Nanomedicine has been created to allow open access for industry, academia, clinicians and the public to news and details of ongoing research throughout the UK.

As a registered charity (Charity number 1151497) our mission includes the direct explanation of the ongoing science and commercial developments to allow the public to understand and stay in touch with this exciting area as it impacts future global healthcare. Scientists can also present their latest advances and highlight their work to industry and other researchers.

The Society is affiliated to other leading organisations involved with nanomedicine including: CLINAM, the European Technology Platform for Nanomedicine, the British Pharmacological Society and the American Society for Nanomedicine.

You are welcome to join the Society through our membership page online. We would be happy to hear your comments and any suggestions as to how you want to be involved with the BSNM.

## BSNM Champions News

Azziza Zaabalawi (Champion representing Manchester Metropolitan University and the Manchester region), has passed her PhD viva with only very minor corrections. Her thesis was entitled 'Liposomal Delivery of The Cyp1b1 Enzyme Inhibitor, 2,3',4,5'-Tetramethoxystilbene, for Improved Vasodilator Responses in Hypertension'. During her PhD, Azziza published 3 journal articles (2 first author and one co-author paper), plus one book chapter, along with oral and poster presentations at national and international conferences for which she received two prizes. Well done, Azziza!



## Recent Publications and Vacancies Pages

Have a publication in the field of Nanomedicine? You can now Advertise your Nanomedicine Publications with us by simply filling in our [Online Form](#) or check out our current list of member publications [HERE](#). See below a recent upload from BSNM Champion Azziza Zaabalawi.

**Have a nanomedicine publication?**  
You can now promote & share your work on our website



**BRITISH SOCIETY FOR NANOMEDICINE**

"Internal Mammary Arteries as a Model to Demonstrate Restoration of the Impaired Vasodilation in Hypertension, Using Liposomal Delivery of the CYP1B1 Inhibitor, 2,3',4,5'-Tetramethoxystilbene", **Pharmaceutics**, **2022**, <https://www.mdpi.com/1999-4923/14/10/2046/pdf>

**Have a Studentship or Vacancy?**  
We can help you promote nanomedicine studentships and vacancies for free



**BRITISH SOCIETY FOR NANOMEDICINE**

We are currently offering employers the chance to advertise their vacancies and studentships with us for free. Get in touch via [britishsocietyfornanomedicine@gmail.com](mailto:britishsocietyfornanomedicine@gmail.com) or simply fill in our quick and easy [online form](#) to upload your job advert to our website. We will promote any jobs to our membership through social media and occasionally through email.

## New BSNM Champions: Khadeejah Maeyouf and Dr Eeshani Bendale

A big welcome to Khadeejah Maeyouf (University of Strathclyde) and Dr Eeshani Bendale (Oxford University) who have joined the team of BSNM champions.

Khadeejah is a PhD student with Dr Christine Dufès. Her project is based on the development of novel tumour-targeted nanomedicines entrapping docetaxel and the evaluation of their targeting and therapeutic efficacy in vitro and in vivo on prostate cancer.

Dr Eeshani Bendale is a physician of Ayurveda which is an Indian medical science. During her studies she developed an interest in the use of nanoparticles in Ayurvedic formulations, which led her to join the MSc Nanomedicine programme in Swansea University. She is the first Ayurvedic Physician to get admitted to the University of Oxford, where she is currently pursuing an MSc in Evidence-Based Healthcare.



## BSNM Annual Meeting 2022: Swansea University

On the 22nd-23rd August, the BSNM held their Annual Meeting in Swansea University; the first in-person conference since the Covid-19 pandemic. We were delighted to welcome delegates from across the country and play host to an amazing programme of scientific research.

Professor Steve Conlan was on hand to open the conference and were joined by Professor Arwyn Jones (Cardiff University), Dr Paul Hole (ReNeuron), Dr Elaine Ferguson (Cardiff University), Professor Andrew Owen (University of Liverpool), Beth Hinchliffe (National Physical Laboratory) and Professor Karmalinder Singh (University of Central Lancaster) as session leads.

Over the course of the two-day event, conference participants had the opportunity to hear about a wide range of research topics, ranging from novel nanomaterials and nanoparticles for drug delivery to nanoparticle fabrication, nano-biological interactions, and innovative microbial applications for nanomaterials. The discussion groups on nano toxicology and nanoparticle characterisation, chaired by Swansea University's Kirsty Meldrum and Kadie Edwards were a big hit and ended the conference on a positive, collaborative note. Poster and oral presentation winners were Owen Harrison (King's College London) and Pratik Gurnani (University of Nottingham), for their presentations on the "Development and optimisation of in vitro blood-brain-barrier models to study the impact of ultrasound and cavitation-mediated mechanical forces" and "self-amplifying RNA delivery using charge reversal polymers", respectively.

We, at BSNM would like to extend a big thank you to our event sponsors, Calin, ProColl, Anton Paar, ReNeuron and the UKRI Medical Research Council.





## Announcing BSNM Annual Meeting 2023

BSNM is excited to announce that we will be co-hosting the Nanomedicine Europe 2023 (#NME23) conference with ETPN and the University of Liverpool in June 2023.

NME23 is the 18th annual event of ETPN & the 5th ENM conference merged into a unique event, aiming to bring the whole European Healthtec & nanomedicine communities together.

NME23 is a unique conference in Europe bringing together scientists, technology providers, entrepreneurs, industry, clinicians, and policy makers, all of them supporting the development of great medical applications of Nanotechnologies and emerging MedTech.

The website will be launching soon, [NME23 conference](https://www.nme23.conference.uk), and please follow us on Twitter: [@etpnanomedicine](https://twitter.com/etpnanomedicine) and [@BritSocNanoMed](https://twitter.com/BritSocNanoMed) for future updates! We look forward to seeing you all there!





## BSNM Twitter

For the most up to date information, follow us on Twitter - [@BritSocNanoMed](https://twitter.com/BritSocNanoMed). Here you'll find updates from the society, news of exciting nanomedicine research, job opportunities and notices of upcoming conference and meetings.

## Amazon Smile

If you're shopping on Amazon this Christmas why not help support BSNM by shopping through [@AmazonSmile](https://smile.amazon.co.uk/ch/1151497-0), Amazon will make a donation to BSNM each time you order. Simply visit <https://smile.amazon.co.uk/ch/1151497-0>

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From all of us at



we wish you a very happy  
holiday season!

We look forward to seeing you in the New Year!

