

# Biobanking 2016

## AGENDA



5th - 7th January 2016  
London, UK

EuroSciCon 

This three day event brings together biomedical and biopharmaceutical researchers, regulators, biorepository managers, and practitioners to look at current practices regarding the banking of biospecimens used for basic research through clinical trials

With discussions ranging from best methods for collection, processing, storage, and tracking of biospecimens to ethical and legal considerations, this event promises to be packed with discussion and debate and is an ideal opportunity to discover what is new in the field.

This event has CPD accreditation

<https://www.regonline.co.uk/banking2015>

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## AGENDA

**PLEASE NOTE: DUE TO SECURITY CONTROLS, THERE IS NO ACCESS TO THE VENUE BEFORE 9AM**

(Invited Talk times include 5 – 10 minutes for question; Oral presentations include 2-3 minutes for questions)

### Day 1: Session 1: Preservation Protocols

09:00 – 09:45	<b>Exhibitions open</b>	Registration and Refreshments
09:45 – 10:30	<b>Introduction by the Chair</b>  <b>Prolonged platelets preservation up to 18 days under blood bank compatible conditions</b>	<i>Dr Bahram Alamdary Badlou</i> , PhD Hematology/Transfusion Medicine-Platelets and Drs Medical Biology/Transplantation Sciences- Heart, BBAadvies and Research Healthy Ageing, Platelets and PRP Technologies, Zeist, The Netherlands.
10:30 – 11:05	<b>Cell and tissue damage prevention by a hibernation inducer</b>	<i>Dr. Stef Stienstra</i> , Beek-Ubbergen, Netherlands
11:05 – 11:35	<b>Session Break</b>	Speakers' photo, Refreshments, Poster viewing, Sponsors exhibition
11:35 – 11:55	<b>Oral Presentation</b> <b>DIABETIC MESENCHYMAL STEM CELLS THERAPY TO REPAIR DIABETIC HEART</b>	<i>Dr Fatima Ali</i> , The University of Lahore, IMBB, Defence Road Campus, Lahore, Pakistan
11:55 – 12:35	<b>Question Time</b>	
12:35 – 13:35	<b>Session Break</b>	Lunch, Poster viewing

### Day 1: Session 2: Managing Biobanks

13:35 – 14:20	<b>Introduction by the Chair</b>  <b>Attitudes of indigenous peoples to genomic research and biobanking</b>	<i>Dr Barry Smith</i> , Population Health Analyst, Planning and Funding and Chair Research and Ethics Committee, Lakes District Health Board, New Zealand.
14:20 – 14:55	<b>Human milk banking and the use of donor human milk</b>	<i>Gillian Weaver</i> , Queen Charlotte's & Chelsea Hospital, Imperial College Healthcare NHS Trust, London, United Kingdom
14:55 – 15:25	<b>Session Break</b>	Refreshments, Last poster viewing
15:25 – 15:45	<b>Oral Presentation</b> <b>ShARM - SHARED AGEING RESEARCH MODELS – SHARING RESOURCES TO ACCELERATE RESEARCH INTO AGEING</b>	<i>Dr Adele Duran</i> , ShARM - Shared Ageing Research Models, Department of Human Metabolism, Medical School, Mellanby Centre for Bone Research, Sheffield, United Kingdom
15:45 – 16:20	<b>Basic Principles of Cryopreservation for Biobanking</b>	<i>Dr. Charles John Hunt</i> , UK Stem Cell Bank, NIBSC, Herts, UK
16:20 – 17:00	<b>Question Time</b>	
17:00	<b>Chairman's Summing Up</b>	<b>Close of Session</b>

**PLEASE NOTE TIMINGS ARE SUBJECT TO CHANGE**

## AGENDA

### Day 2: Uses of Biobanking in Research and Treatment

09:00 – 09:45	<b>Exhibitions open</b>	Registration and Refreshments
09:45 – 10:30	<b>Introduction by the Chair</b>	<i>Dr Nana Theodorou</i> , Research Coordinator, Sheffield Teaching Hospitals NHS Foundation Trust, UK
	<b>Human Tissue Research: An R&amp;D's perspective</b>	
10:30 – 11:10	<b>Challenges in establishing a useful and relevant biobank</b>	<i>Dr John Gill</i> , S Alberta HIV clinic, Sheldon M Chumir Health Centre, Departments of Medicine and Microbiology & Infectious Diseases, University of Calgary Alberta Canada, Canada
11:10 – 11:40	<b>Session Break</b>	Speakers' photo, Refreshments, Poster viewing
11:40 – 12:20	<b>Using breast milk for epigenetic research and beyond</b>	<i>Dr Natalie Schenker</i> , Imperial College London, UK
12:20 – 12:40	<b>Oral Presentation</b>	
	<b>HUMAN AMNIOTIC MEMBRANE AS SCAFFOLD FOR GROWTH OF MSCs DERIVED FROM DIFFERENT SOURCES</b>	<i>Dr Noreen Latief</i> , Centre of Excellence in Molecular Biology, University of the Punjab, Lahore, Pakistan
12:40 – 13:40	<b>Session Break</b>	Lunch, Poster viewing
13:40 – 14:20	<b>Biobanking for exposome research: opportunities and challenges</b>	<i>Dr Toby Athersuch</i> , Imperial College London, London, UK
14:20 – 15:00	<b>Familial melanoma and donor-conceived people: the case for updates of family health history through biobanks</b>	<i>Sean Nurmsoo</i> , Pediatrics Department, Dalhousie University, Halifax, NS, Canada
15:00 – 15:30	<b>Session Break</b>	Refreshments, Last poster viewing
15:30 – 16:10	<b>The craniosynostosis biobank: a platform for implementing research, refine diagnosis and improve treatments of craniofacial malformations</b>	<i>Wanda Lattanzi</i> , M.D., Ph.D, Institute of Anatomy and Cell Biology, Università Cattolica del Sacro Cuore, School of Medicine - "A. Gemelli" Hospital, Latium Musculoskeletal Tissue Bank, Rome, Italy
16:10 – 17:00	<b>Question Time</b>	
17:00	<b>Chairman's Summing Up</b>	<b>Close of Session</b>
<b>PLEASE NOTE TIMINGS ARE SUBJECT TO CHANGE</b>		

# AGENDA

## Day 3: Legal and Ethical Issues

09:00 – 09:45	<b>Exhibitions open</b>	Registration and Refreshments
09:45 – 10:00	<b>Introduction</b>	
10:00 – 10:50	<b>Legal and ethical problems of biobanks for the patient-physician relationship</b>	<i>Dr Jörg Haier</i> , Coord. Director of the Comprehensive Cancer Center Muenster Head International Patient Management University Hospital Muenster, Muenster, Germany
10:50 – 11:30	<b>Session Break</b>	Speakers' photo, Refreshments, Poster viewing Sponsors exhibition
11:30 – 12:20	<b>The patient is the only source of data: the patient view</b>	<i>Dr. Helen Bulbeck</i> , Brainstrust – the brain cancer people, Cowes, Isle of Wight, United Kingdom
12:20 – 13:20	<b>Question Time</b>	

**Informed consent: How do we ensure donors are appropriately informed without limiting the scope of the research?**

**Managing withdrawal of consent: Should all previously gained data be destroyed when a donor withdraws consent?**

**Is it appropriate to continue use samples after a participant's death?**

**Should samples collected for diagnostic or clinical purposes be made available for research?**

**What is the best practice for guaranteeing privacy of donors?**

**How should incidental findings with clinical relevance be handled? Should donors be informed?**

13:20 – 14:20	<b>Session Break</b>	Lunch, Poster viewing
14:20 – 15:15	<b>Meeting Close</b>	

**PLEASE NOTE TIMINGS ARE SUBJECT TO CHANGE**

# About the Speakers

**Fatima Ali**, The University of Lahore, IMBB, Defence Road Campus, Lahore, Pakistan

**Toby Athersuch**, Imperial College London, London, UK

Dr Athersuch is a Lecturer in Environmental Toxicology at Imperial College London. His main research interests are in the development and application of molecular profiling technologies – primarily metabolic profiling using NMR- and MS-based platforms – to study aspects of human health and disease. He is involved in a number of large-scale projects focused on developing the concept of the exposome, which utilises biobank resources to probe links between environmental exposures and human health outcomes. A key research question he is attempting to address is how to improve exposure assessment in individuals, small area studies and molecular epidemiology projects investigating environmental exposures.

**Bahram A. Badlou**, has completed his Ph.D in 2006 from the Medicine Faculty of Utrecht University (UMCU) and postdoctoral studies from Medical Hospital University of Groningen (UMCG) School of Medicine in The Netherlands. He is the CEO of BBAAdvies and Research, a premier private Research and Development Organization. He has published more than 12 papers in reputed journals and serving as an editorial board member of Science Discovery Journal, Blood Transfusion (2010-2013), and as Reviewer for Thrombosis and Haemostasis Journal (2013), Transfusion (2003-2007). Awarded as one of the world's foremost achievers in his field, Marquis Who's Who book 2009-2010, USA.

**Helen Bulbeck**, Brainstrust – the brain cancer people, Cowes, Isle of Wight, United Kingdom

Helen became immersed in cancer when her daughter was diagnosed with a brain tumour and she was diagnosed with head and neck cancer. This changed her direction; she founded and now directs brainstrust, a national brain cancer charity. As a consumer, a disseminator of information and the provider of a network and community, Helen focuses on achieving effective consumer involvement and creating a voice. Consumers provide insights and expertise which improve the relevance of research; there is nothing as important as ensuring that the public voice is heard. Her ethos of 'none of us is as smart as all of us' is a core value for her. Helen can be contacted at [helen@brainstrust.org.uk](mailto:helen@brainstrust.org.uk)

**Adele Duran**, ShARM - Shared Ageing Research Models, Department of Human Metabolism, Medical School, Mellanby Centre for Bone Research, Sheffield, United Kingdom

As ShARM's facility co-ordinator, Adele is responsible for the day-to-day running of the facility. She gained her PhD in Plant/ Soil Relationships, is experienced in establishing, testing and teaching novel protocols, and has supported and trained researchers using different model systems. Previously she has been working for several enterprises as a customer service representative. She promotes the facility, locates new colonies, manages the biorepository and facilitates the distribution of unwanted tissue from ageing colonies.

**John Gill**, S Alberta HIV clinic, Sheldon M Chumir Health Centre, Departments of Medicine and Microbiology & Infectious Diseases, University of Calgary Alberta Canada Canada

Dr. John Gill is a medical graduate from the University of Birmingham, UK. As part of specialist training in Infectious Diseases he undertook basic research in virology in both Winnipeg and Edmonton before joining the faculty at the University of Calgary. Dr Gill is a Professor of Medicine and Microbiology and Infectious Diseases. He is also both the Medical Director of the S Alberta HIV Program and Director of the University Retrovirus facility. Since these programs opened in 1989 Dr Gill has led the local HIV initiatives in therapeutic and pathogenesis research as well as cohort outcome studies. The close linkage of a specimen biobank dating back to 1989 and linked to detailed comprehensive clinical database on each patient has led over 250 peer reviewed publications across a broad number of fields



**Charles John Hunt**, UK Stem Cell Bank, NIBSC, Herts, UK

Charles Hunt's background has been in the fields of cryobiology and tissue banking. In 1978, he joined the MRC Medical Cryobiology Group at the University of Cambridge where his research involved the cryopreservation of cornea, pancreatic islets, and arteries. In 1992, he and colleagues founded the East Anglia Tissue Bank; where he was responsible for the heart valve and autologous stem cell banking programs and developing skin and amniotic membrane banking. In 2003, he took charge of the newly founded UK Stem Cell Bank at the National Institute for Biological Standards and Control, where he is currently the Operations Manager.

**Jörg Haier**, Coord. Director of the Comprehensive Cancer Center Muenster Head International Patient Management University Hospital Muenster, Muenster, Germany

Board Certifications:

General Surgery, Medical Quality Management

Master of Medical Laws, LL.M.

Positions:

Director Comprehensive Cancer Center Münster

Adjunct Research Professor, Institute for Molecular Medicine, Huntington Beach, CA, USA

Research topics:

Cancer progression and treatment resistance, epigenetics

health care economics and legal framework

Publications:

>95 original papers

>25 Reviews

2 Books

30 Book chapters

**Noreen Latief**, Centre of Excellence in Molecular Biology, University of the Punjab, Lahore, Pakistan

Dr Noreen Latief did her Ph.D in Molecular Biology from Centre of Excellence in molecular Biology, University of the Punjab, Lahore, Pakistan. She is serving in the same institute since 2010 first as Post Doc fellow and later as Assistant Professor.

Dr Noreen is guiding Ph.D as well as M.Phil students. She has research experience in Molecular Biology. She is particularly involved in stem cells Research. Her areas of interest are cartilage regeneration by stem cells therapy. She has published Research articles in international reputed journals.

**Wanda Lattanzi**, M.D., Ph.D, Institute of Anatomy and Cell Biology, Università Cattolica del Sacro Cuore, School of Medicine - "A. Gemelli" Hospital, Latium Musculoskeletal Tissue Bank, Rome, Italy

Her research efforts are mainly focused on congenital bone diseases, basic biology of osteogenesis, molecular and cell-based approaches for bone regeneration, mesenchymal stem cells isolation, characterization and use in regenerative medicine applications. Partner of different international consortia, involved in research programs granted by Italian ministries and European Commission. Author of over 60 publications including 33 peer-reviewed manuscripts, member of the editorial board of international scientific journals.

**Sean Nurmsoo**, Pediatrics Department, Dalhousie University, Halifax, NS, Canada

Sean Nurmsoo is based at Dalhousie University in Halifax, Nova Scotia, Canada. He serves on the ethics boards of the QEII Health Sciences Centre and the Izaak Walton Killam Health Centre in Halifax, as well as the grant review panel of the Canadian Cancer Society Research Institute in Toronto. He holds a Bachelor of Science from the University of Amsterdam and Master of Science from the London School of Economics.

**Barry Smith**, Population Health Analyst, Planning and Funding Division and Chair Research and Ethics Committee, Lakes District Health Board, Rotorua, New Zealand

A New Zealand Maori of Te Rarawa and Ngāti Kahu descent, Barry has a PhD in sociology and degrees in chemistry/statistics and music. He has been involved with Health Research Council of New Zealand supported research on attitudes of Maori to genomic research and biobanking and has just completed a three year Royal Society of New Zealand Marsden Fund supported project on ethics review culminating in a book with Martin

Tolich entitled "The Politicisation of Ethics Review in New Zealand" (Dunmore Publishing, 2015). Barry chairs the Health Research Council Ethics Committee (amongst other entities) and sits on its science assessing committees. He is also a member of the Auckland Regional Tissuebanks Advisory Committee.

**Natalie Schenker**, Imperial College London, UK

Natalie Shenker qualified as a doctor from Oxford University before training in paediatric surgery. An interest in research led to a Masters and PhD from Imperial College, during which she developed an interest in epigenetics and methylation signatures of environmental exposures. During the last year of her PhD, she established a bioresource that explored using cells derived from breast milk to assess breast cancer risk factors. She is now working to place research at the centre of the Milk Bank service, expanding the scope of research questions related to milk that can be explored.

**Nana Theodorou**, Research Coordinator, Sheffield Teaching Hospitals NHS Foundation Trust, UK

Nana Theodorou – Works as a Research Coordinator at Sheffield Teaching Hospitals NHS Foundation Trust. Nana is the Trust Lead on Research Ethics, Human Tissue, Medical Devices and IP. Nana qualified as an Orthoptist from Sheffield University and completed a PhD in Visual Neurosciences at the University of Manchester in 2004. She has an extensive clinical background as a Highly Specialist Orthoptist and Lecturer with special interests in Paediatrics and Visual rehabilitation. Nana also sits on the local NHS REC committee as an expert member, is a Medipex Innovation Scout and a HRA training facilitator. Nana has expert knowledge in regulatory approvals for drug and device trials.

**Gillian Weaver**, Queen Charlotte's & Chelsea Hospital, Imperial College Healthcare NHS Trust, London, United Kingdom

Gillian Weaver is a leading international expert in the field of human milk banking and the use of donor human milk. Originally trained as a nutritionist and dietitian, GW has been in charge of the operational and strategic management of the world's longest continually operating human milk bank based at Queen Charlotte's and Chelsea Hospital in West London for over 26 years. GW is the former President of the European Milk Bank Association (2012 - 2015) and Chair and National Lead for the UK Association for Milk Banking as well as a member of national guideline development groups. GW

## ABOUT THIS EVENT

### Discussion Sessions

The discussion sessions are an opportunity for informal questions and answers. This is an ideal opportunity to get advice and opinion from experts in this area. This session is not for questions about specific talks, which can be asked after the speakers session, but for discussing either general topics or specific issues.

There are three ways you can ask questions:

1. Before the session you can *submit your question to Euroscicon staff* at the registration desk,
2. Before and during the session you can *submit a question or comments, by email*, which will be provided on the day of the event
3. During the session you can *put your hand up* and join in

### Session breaks

All breaks and registrations will take place in the exhibition area where there will be lunch and refreshments.

Please try to visit all the exhibition stands during this event. Not only do our sponsors enable Euroscicon to keep the registration fees competitive, but they are also here specifically to talk to you

### Lunch

We have a number of dishes that are gluten free

We have a range of vegetarian dishes which are separated from the meat and fish dishes

We have a number of dishes that are dairy free

Please note that all food has been prepared in an environment where nuts may be present.

### Missing Speakers

It is unfortunate that occasionally a speaker cannot attend, most usually due to not getting visas granted, unforeseen personal events or illness. Whilst we do everything possible to ensure that our speakers are present at the event we apologise in advance if you were at a session where a speaker could not attend. We always try to keep our agendas as up to date as possible, however if a speaker cancels the night before an event or on the day, there is little we can do to rectify this.

## FREQUENTLY ASKED QUESTIONS ABOUT OUR EVENTS

### Is the delegate list available?

Yes this is available to everyone who attends the event and our sponsors.

It is available in real time. To access the list please just log into your registration details or use the QR code on right of the agenda card which is provided on the day of the event.

You will not be included in this list if you have opted out and you can do this by logging into your registration details. This list will not be sold or ever give out to third parties.

### Can I have the speakers slides?

We cannot give out the slides from our speaker's presentations as they are deleted immediately after each event. If you require a particular set of slides please approach the speaker. We will however have a meeting report and you will be emailed when this report is published.

### Can I have a notepad?

Notepads and pens are provided in the delegate bags and at the registration desk

### How can I keep up to date with Euroscicon Events?

To keep updated on our events and other Life Science News, please sign up for our newsletter at [www.eurosciconnews.com](http://www.eurosciconnews.com)

### I don't want my photograph on any Euroscicon promotional material

Please let our tech person know

### Is there WIFI?

Yes, please ask registration for log in details

### Can I have a CPD/ CME certificate?

CPD certificates will be available in the exhibition hall after lunch.

Please remember that EuroSciCon is a small independent company with no subsidies from society memberships or academic rates for venues. We try to be as reasonably priced as possible and our delegate rates are substantially lower than comparable commercial meeting organisations

### Personal belongings

Please take care of all your personal belonging as Euroscicon cannot be held responsible if an item goes missing from the lecture theatre or the exhibition hall.

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### MEDIA



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