International Translational Research Conference

Personalized Medicine - From bench to individual bedside Hosted by Newcastle University Medicine Malaysia

Saturday 1st March 2014
09.00 – 17.30

Topics will include a personalized (stratified) approach to therapy in liver disease, rare genetic diseases, neuromuscular disease, bacterial infections, metabolic disease and dementia.
Newcastle University, UK, is proud to announce an International Translational Research Conference in Medicine. This conference focuses on Personalized Medicine – From bench to individual bedside and will bring world-renowned speakers from Newcastle Biomedicine at Newcastle University in the UK. This conference will provide the opportunity for multi-disciplinary collaboration with delegates from around the globe. Join us for stimulating discussion, socialising and networking.

I look forward to welcoming you to this prestigious event.

Professor Chris Day
Director, Newcastle Biomedicine and Pro-Vice Chancellor for the Faculty of Medical Science, Newcastle University, UK

About us
The history and heritage of Newcastle University dates back to 1834 when a School of Medicine and Surgery was first established in the city of Newcastle upon Tyne, UK. Since the early days, Newcastle University Medical School has enjoyed a reputation for innovation and excellence. The ‘translation of research into benefits for society’ has driven the University from the time of the first Industrial Revolution to the present. Newcastle’s world-class research remains closely coupled to societal benefit, industrial and business needs and economic impact.

Newcastle University is a Russell Group University, consistently ranked in the top 20 in the UK for research power and Newcastle Biomedicine was established to showcase our expertise in the Translational Medicine revolution. Newcastle Biomedicine is a world leading collaboration of research scientists, engineers, medical doctors and teaching professionals who also deliver undergraduate and postgraduate teaching in medicine, dentistry and health sciences.

Newcastle Biomedicine is a recognised national centre of excellence which brings together internationally respected research in clinical care, basic science and engineering in an innovative environment. It excels in tackling challenges in health and healthcare.

Newcastle University was the first UK University to establish a medical campus overseas and its Malaysian campus is the venue for this conference.
Confirmed speakers from Newcastle University, UK

**Professor Chris Day**
**Pro-Vice-Chancellor for the Faculty of Medical Sciences, Newcastle University, UK**

Professor Chris Day is Pro-Vice-Chancellor for the Faculty of Medical Sciences. A Consultant Hepatologist with an international reputation in medical research, he is a Fellow of the Academy of Medical Sciences and an NIHR Senior Investigator. He is also Co-Editor for the Journal of Hepatology, and is a member of the Council of the Medical Research Council and the Executive of the Medical Schools Council.

Professor Day is Chair of the Clinical Medicine Sub-Panel for the 2014 Research Excellence Framework (REF) Exercise.

**Professor David Jones**
**Dean of Research and Innovation**

Professor David Jones is Dean of Research and Innovation and is Professor of Liver Immunology. He leads an MRC funded national translational research programme aimed at understanding the causes and impacts of autoimmune liver disease, the development and evaluation of novel therapies and their implementation in practice. He works closely with patient groups to understand the ways in which disease impacts on them and develop solutions which address the key challenges and improve patients’ lives.

**Professor Derek Mann**
**Head of Hepatology**

Professor Mann is Head of the fibrosis laboratories in the Institute of Cellular Medicine at Newcastle University who are primarily interested in understanding the cell and molecular regulation of tissue fibrosis (scarring), a major underlying cause of morbidity and mortality. Emphasis is placed on signalling pathways in myofibroblasts that can be manipulated with drugs already proved to be safe for use in man. This strategy has led to the discovery that inhibitors of NF-kappaB, angiotensin II receptor blockers and 5-HT2B receptor antagonists have strong therapeutic potential as treatments and/or preventative medicines in chronic liver disease.

**Professor David Burn**
**Director, Institute for Ageing and Health, Professor of Movement Disorders Neurology**

David Burn is Professor of Movement Disorder Neurology at Newcastle University and Honorary Consultant Neurologist for Newcastle upon Tyne Hospitals Foundation Trust. He is Director of the University’s Institute for Ageing and Health, Director of Newcastle Biomedicine’s Clinical Ageing Research Unit and a Senior NIHR Investigator. His research interests include dementia associated with Parkinson’s disease and progressive supranuclear palsy. He is an Associate Editor for the Movement Disorders Journal and an Officer of the International Parkinson’s and Movement Disorder Society.

**Professor Patrick Chinnery**
**Director, Institute of Genetic Medicine and Professor of Neurogenetics**

Professor Chinnery’s principal interest is in the clinical and molecular basis of neurological disease. He currently runs research projects studying the molecular aetiology of monogenic disorders (including inherited ataxia and spastic paraparesis), and multifactorial disorders (including Parkinson’s disease). Human mitochondrial disorders form a major focus of the work in his laboratory, and particularly the interaction between nuclear and mitochondrial genes (focussing on Leber’s hereditary optic neuropathy) and the inheritance of mitochondrial DNA mutations. Professor Chinnery’s work is supported by the Wellcome Trust and Ataxia UK.

**Professor Kate Bushby**
**Action Research Professor in Neuromuscular Genetics, Institute of Genetic Medicine**

Kate Bushby is a clinical academic with joint appointments between Newcastle University and the NHS. She is a member of the Neuromuscular Research Group within the Institute of Genetic Medicine and plays a leading role in the National Commissioning Group (NCG) for rare neuromuscular diseases.

Professor Bushby has a long-standing interest in the molecular genetics of the limb-girdle muscular dystrophies and related disorders and is interested in the best possible development and implementation of care guidelines as well as clinical trials. Her team has developed an extensive programme of research in NMD from basic molecular pathology to clinical studies.
Professor John Isaacs  
Director of the Institute of Cellular Medicine  
Clinical Rheumatology at Newcastle University, and consultant rheumatologist at the Freeman Hospital. He graduated from London University with a first class degree in Physiology and Medicine and subsequently gained his PhD in Immunology at Cambridge University. Over the past 20 years his work has focussed on the potential of novel immunotherapies to treat rheumatoid arthritis, ranging from target identification to early and late stage clinical trials. He chairs Arthritis Research UK’s Clinical Study Group for Inflammatory Arthritis, developing an internationally competitive research strategy for the UK. He also chairs the MRC/ABPI Immunology and Inflammation Initiative (RA-MAP), which is addressing the fundamental immunological dysregulation underpinning rheumatoid arthritis.

Professor Michael Trenell  
Professor of Movement and Metabolism, Director of MoveLab, Institute of Cellular Medicine  
Professor Michael Trenell is the founder and leader of MoveLab in Newcastle. After training in applied physiology and exercise in Leeds he moved to Australia, where he completed a PhD in Biochemistry and Neurogenetics. After post-doctoral training in respiratory medicine, metabolism and hepatology in Australia Professor Trenell moved to Newcastle where he was awarded a Diabetes UK RD Lawrence Fellowship. He is passionate about the use of physical activity and exercise as an evidence based therapy for chronic disease and well being. The focus of MoveLab is to turn this passion into practice.

Professor Jeff Errington  
Director of the Centre for Bacterial Cell Biology (CBCB), Institute for Cell and Molecular Biosciences  
Prof Jeff Errington FMedSci FRS is one of the pioneers of the field of bacterial cell biology. He has made seminal contributions to the understanding of several fundamental properties of bacterial cells, particularly the cell cycle and cell morphogenesis. He was scientific founder of two spin out companies: Prolysis Ltd (now part of US-based Biota Pharmaceuticals) and Demuris Ltd, both of which are involved in discovery and development of novel antibiotics. His basic research is funded by prestigious grants from the European Research Council and the Wellcome Trust.

Professor Christine Harrison  
Professor of Childhood Cancer Cytogenetics  
Prof Harrison has an international reputation for her translational research in cancer genetics, which has directly contributed to changes in treatment. She is one of the most highly regarded leukaemia cytogeneticians worldwide. Prof Harrison has directly contributed to improvements in outcome of childhood acute lymphoblastic leukaemia by the discovery of novel genetic changes for which appropriately modified treatment has significantly improved outcome. She also develops state-of-the-art technologies for rapid integration into routine practice. Her approaches have been adopted internationally. Prof Harrison is the recipient of substantial research funding at national and European levels. She regularly acts as coordinating reviewer for the American Society of Hematology meetings and sits on the editorial boards of significant journals, including the highly influential “Leukemia”. She publishes widely and has received many invitations to speak at international conferences. It is evident that she has established herself as a world leader in this significant field with a direct impact on healthcare.

Professor Julia Newton  
Dean of Clinical Medicine and Clinical Professor of Ageing and Medicine  
Professor Newton’s research programme focuses upon the integrity of the autonomic nervous system in health and disease, specifically the role of autonomic dysfunction in the pathogenesis of fatigue and its clinical consequences, namely cognitive impairment. Examining the integrity of the ANS in humans is established in her physiology laboratory using relatively simple, inexpensive, non-invasive technologies that allow evaluation of a wide range of parameters that will (within the foreseeable future) be readily transferable into therapeutic interventions for patients.

Dr Sophie Hambleton  
Clinical Senior Lecturer, Paediatric Immunology & Infectious Diseases  
From bedside to bench and back again – Dr Sophie Hambleton’s research is all about what children with inherited immunodeficiencies can teach us about the normal immune system, and how that knowledge can help us look after patients better. Dr Hambleton is a clinical paediatric immunologist at the Great North Children’s Hospital, which is home to a supra-regional service for children with primary immunodeficiencies. Her work is aimed at understanding the cellular and molecular basis of novel primary immunodeficiencies, and how this informs knowledge of the normal immune system.
**Venue**

Newcastle University’s Malaysian campus, which was opened by HRH the Duke of York in 2011 is equipped with state-of-the-art facilities, and is the perfect venue for an International Conference. It is situated in Nusajaya, Johor, in Iskandar Malaysia. Part of EduCity in Iskandar, it is 1km east of the Gelang Patah Interchange on the main Linkedua Expressway. The Second Crossing Bridge to Singapore is only 8km from the campus.

One of the largest developments in the Iskandar Development Region, Nusajaya is planned to be an integrated city providing a world-class environment for business, living and leisure. Students studying at the newly constructed campus benefit from innovative, first class facilities in which to study.

Newcastle University’s Malaysian campus is easily reached by air or road. It is a 30 minute drive from Senai Airport in Johor, or approximately 1 hour from Changi Airport.

**Nusajaya**

Nusajaya is the focal point and key driver of Iskandar Malaysia, the development zone at the heart of Malaysia’s long term economic strategy. Designed to be one of Asia’s leading liveable cities, Nusajaya stretches over 22,000 acres, providing a world-class environment for business, education, living and leisure.

The city, which is located at the south-western tip of Peninsular Malaysia and in close proximity to Singapore, is also emerging as a prime tourist destination. It offers award winning golf courses, world-famous themed attractions, several shopping malls and a premier waterfront and marina precinct.

**EduCity**

EduCity is a signature development in Nusajaya is being positioned as a regional education hub and a destination for quality world-class education.
Accommodation

Accommodation is available at either the brand new Traders Hotel at Puteri Harbour, or the Granada Hotel at Bukit Indah. Both hotels are approximately 10 minute’s drive from Newcastle University Medicine Malaysia.

Traders Hotel, Puteri Harbour, Nusajaya
Traders Hotel, Puteri Harbour, Johor, Malaysia, is the first international hospitality brand in Nusajaya, strategically positioned in the heart of a 888-acre waterfront precinct. Hotel guests will enjoy modern lifestyle components, world-class facilities and an excellent network of infrastructure.

The hotel is also close to renowned theme parks (LEGOLAND® Malaysia and Puteri Harbour Family Theme Park) and Johor’s administration capital, Kota Iskandar.

283 tastefully decorated rooms and suites are ready to receive business and leisure travellers from near and far. Feel right at home instantly and stay connected at all times.

Our excellent facilities and services include:
- In-room Broadband
- Airport transfer
- Business Centre and conference rooms
- Express Check-in and Check-out services
- Foreign exchange counter
- Postal and courier service
- Ticketing and travel assistance
- Laundry and valet service
- Taxi and limousine service
- WiFi access in public areas

Our strong team of professionals is ready to make your stay a memorable one. Come and experience our warm hospitality at Traders Hotel, Puteri Harbour, Johor, Malaysia.

Phone (60 7) 560 8888
Fax (60 7) 560 8999
Email thph@tradershotels.com

Location
Persiaran Puteri Selatan, Puteri Harbour, 79000 Nusajaya, Johor Darul Takzim, Malaysia

Check-in / Check-out
Check-in: 2pm
Check-out: 12 noon
Early check-in before 2pm is subject to room availability.

Payment
We accept the following cards: American Express, MasterCard, Visa.

Conference rates to be confirmed.
Hotel Granada
Hotel Granada Johor Bahru is a brand new, sumptuously furnished hotel in the heart of Bukit Indah. The hotel is conveniently nestled within easy reach of major eateries, shopping centres, entertainment outlets and other recreation and tourist attractions. These are all just a five minute walk from the hotel.

Our excellent facilities and services include:
- Free Wi-Fi access in rooms.
- Airport transfer
- Coffee shop
- Executive floor
- Laundry service
- Room service
- Wi-Fi in public areas
- Bar
- Concierge
- Facilities for disabled guests
- Meeting facilities
- Safety deposit boxes
- Business centre
- Restaurant
- Smoking area

Our strong team of professionals is ready to make your stay a memorable one. Come and experience our warm hospitality at Hotel Granada.

Phone (60 7) 231 8888
Fax (60 7) 231 8889

Location
No.55, Jalan Indah 15/2, Taman Bukit Indah, 81200 Nusajaya, Johor, Malaysia

Check-in / Check-out
Check-in : 2pm
Check-out: 12 noon
Early check-in before 2pm is subject to room availability.

Payment
We accept the following cards: American Express, MasterCard, Visa.
Registration Form

HOW TO REGISTER
ONLINE: http://www.ncl.ac.uk/numed/cme/
BY MAIL: Newcastle University Medicine Malaysia (NUMed Malaysia), No. 1 Jalan Sarjana 1, Kota Ilmu, EduCity@Iskandar, 79200 Nusajaya, Johor, Malaysia.
BY FAX: 07 555 3888

Personal Details
Name: __________________________________________
Institution: ______________________________________
Address: _________________________________________

City: __________________________ State: _____________ Postcode/zip __________
Phone: __________________________ Email: ______________

Registration fees
Before 7th February 2014 | After 7th February 2014 | On-site | Conference Dinner
$325  □ | $400  □ | $500  □ | $65  □

Total payable: ____________

Payment
You can pay in one of two ways:

By electronic transfer:
Bank name: HSBC Bank Malaysia Berhad
Account name: NUMED MALAYSIA SDN BHD
Swift code: HBMBMYKL

ACCOUNT NO | CURRENCY | REMARKS
-------------|----------|----------------------
205-234222-101 | RM | Please take into account the exchange rates of currencies to ensure that the conference fees are fully covered
205-234222-725 | GBP |
205-234222-726 | USD |

By cheque:
Please make payable in Malaysian Ringgit to ‘NUMed Malaysia Sdn Bhd’ and send to us at: Newcastle University Medicine Malaysia (NUMed Malaysia), No. 1 Jalan Sarjana 1, Kota Ilmu, EduCity@Iskandar, 79200 Nusajaya, Johor, Malaysia.

Cancellation policy
50% of the total registration fee will be refunded if cancellation notification is received by email or writing by 20th February 2014. After that date, no refunds will be issued.

Major Professional role
Please list your current professional position:

So we may better serve you at the conference:
Special dietary requirements:
Vegetarian □
Other: __________________________

How did you hear about the conference?
□ Letter of invitation
□ BMJ Advert
□ High Commission, Malaysia
□ High Commission, Singapore
□ Newcastle University Medicine Malaysia website
□ Facebook
□ Newcastle University Alumni