

## Next Generation Diagnostics

Name: Innovation Academy

Date: 5 December 2014

Time: 9.15am – 4.00pm

Venue: Grocers' Hall, Princes Street, London EC2R 8AD

**London, 29 October 2014**, Viapath is pleased to announce its line-up of thought leaders and expert speakers for its upcoming fourth symposium of the Innovation Academy focusing on '*Next Generation Diagnostics*'.

Attracting some of the most dynamic, influential and forward thinking protagonists who are driving and shaping the pathology agenda, these specially invited speakers will share insight into their work, and personal experiences and how leading developments in the next generation of diagnostic tools in pathology are improving lives for patients.

Among the speakers will be the renowned vitamin K<sub>2</sub> researcher, Professor Cees Vermeer from Maastricht University and Dr. Tim Spector, Director of the Department of Twin Research and Genetic Epidemiology at St Thomas' Hospital, London.

'We are delighted to welcome our speakers to this, our fourth Innovation Academy. This event is set to be a great success and with attendance rising every year it's clear that the Innovation Academy offers an unprecedented opportunity for the profession to come together and share ideas around three founding principles of Innovation, Quality and Staff Development,' said Dr Dominic Harrington, Scientific Director at Viapath for Guy's and St. Thomas'.

Opening remarks will be made by writer, broadcaster and scientist, Vivienne Parry OBE from 'The 100,000 Genomes Project'. The recently confirmed conference speaker line up is as follows:

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| <b>Time:</b>    | 10.00  |
| <b>Session:</b> | Vascular vitamin K insufficiency: an independent risk factor for vascular calcification and mortality                  |
| <b>Speaker:</b> | <i>Prof Cees Vermeer, Maastricht University</i>  |
| <b>Time:</b>    | 10.30  |
| <b>Session:</b> | Neurodevelopmental, neurodegenerative and neuromuscular disorders due to defects in membrane trafficking and autophagy |
| <b>Speaker:</b> | <i>Dr Heinz Jungbluth, Evelina London</i>  |
| <b>Time:</b>    | 11.00  |
| <b>Session:</b> | Steroid abuse in sport   |

**Speaker:** Dr Andrew Kicman, Department of Forensic & Analytical Science at Kings College London

**Time:** 11.50

**Session:** Development of NGS based neuro panels.

**Speaker:** Dr Joo Wook Ahn, Viapath (Guy's Hospital)

**Time:** 12.05

**Session:** Application of nanopore sequencing in pre-implantation genetic diagnosis

**Speaker:** Dr Kevin Ryan, Viapath (Guy's Hospital)

**Time:** 12.20

**Session:** Combined measurement of biogenic amines and their metabolites in plasma or urine using turbulent flow liquid chromatography-tandem mass spectrometry

**Speaker:** Dr David Taylor, Viapath (King's College Hospital)

**Time:** 12.35

**Session:** Changes in serum steroid concentrations in relation to fat distribution and insulin resistance in women with PCOS.

**Speaker:** Lea Ghataore, Viapath (King's College Hospital)

**Time:** 12.50

**Session:** Development of a high-resolution mass spectrometric immunoassay (MSIA) for human hepcidin.

**Speaker:** Simon Handley, Viapath (King's College Hospital)

**Time:** 2.15

**Session:** Targeted metabolomic approach to the diagnosis of inborn errors of metabolism using tandem mass spectrometry

**Speaker:** Prof Neil Dalton, Professor of Paediatric Biochemistry at King's College London

**Time:** 2.45

**Session:** Circulating plasma micro-RNA - a next generation diagnostic?

**Speaker:** Dr Tony Marinaki, Consultant Clinical Scientist, with an interest in Pharmacogenetics and Personalised Medicine, Viapath (St. Thomas' Hospital).

**Time:** 3.15

**Session:** Twins Omics and personalised medicine

**Speaker:** Prof Tim Spector, Consultant Rheumatologist Based at Dept. of Twin Research at Kings College London

**Time:** 3.45

**Session:** Panel Discussion

**4.00** **Close**

This free to attend event is the perfect opportunity for those interested in Next Generation Diagnostics to meet, converse and network with key experts in this field.

Attendees to the session will also be able to interact with the chair and speakers via the dedicated hashtag #innovationacademy

Further information will be released in the coming week but in the meantime contact [innovationacademy@viapath.co.uk](mailto:innovationacademy@viapath.co.uk) if you would like to attend.  
[www.viapath.co.uk/innovationacademy](http://www.viapath.co.uk/innovationacademy)

### **Editors Note**

**Viapath Group** was previously known as GSTS Pathology LLP and rebranded as Viapath on 1 May 2014. The organisation was created five years ago by Guy's and St Thomas' NHS Foundation Trust and Serco plc. Later in 2009, the joint venture won a contract to provide pathology services to Bedford Hospital NHS Trust. In 2010, King's College Hospital NHS Foundation Trust became a member. Viapath is now majority owned by two leading teaching hospitals.

**The Innovation Academy** was conceived to bring together the wide spectrum of resources, researchers, innovation and development within the field of pathology and to disseminate the outputs to the wider clinical and scientific community. It is a forum for communication based on three foundation principles – Innovation, Quality and Staff Development.

Pathology is vital to health care and it is estimated that 70-80% of all health care decisions affecting diagnosis or treatment involve a pathology investigation. Viapath provides pathology services to over 400 NHS trusts, GP practices and private health clinics. With around 1,000 employees processing more than 22 million tests each year, the work of Viapath touches thousands of lives every day.

For more information, visit [www.viapath.co.uk](http://www.viapath.co.uk) or follow us on Twitter [@ViapathUK](https://twitter.com/ViapathUK)

### **Press Information**

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