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Drug Safety Research Unit

Second Conference on Big Data for Pharmacovigilance

British Medical Association House, London

11 - 12 September 2019

Chairperson: Professor Saad Shakir

Wednesday 11th September

0845 - 0915 **Registration for delegates**

0915 – 0930 **Introduction to conference**



Saad Shakir, Drug Safety Research Unit

0930 – 1015 **Overview of current status of Big Data for Pharmacovigilance**



Gianluca Trifirò, University of Messina

1015 – 1100 **The findings of the HMA-EMA Joint Big Data task force**

Saad Shakir, Drug Safety Research Unit on behalf of Gianmario Candore, European Medicines Agency

1100- 1115 **Coffee**

1115 – 1145 **Pharmacoepidemiology and Decision on the Risk of Medicines in a Big Data World**



Lucien Abenheim, London School of Hygiene & Tropical Medicine

1145– 1230 **Watch your step - lessons learned in developing and deploying machine learning for pharmacovigilance**



Niklas Noren, Uppsala Monitoring Centre

1230 - 1245 **Discussion**

1245 - 1345 **Lunch**

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1345 – 1415 **Delivering drug safety insights through Semantic Enrichment and AI**

Michael Hughes, SciBite



1415 - 1445 **Linking genetic information with clinical data**

Andrew Roddam, GSK



1445 - 1500 **Tea**

1500 - 1545 **Update on EHDEN: the European Health Data & Evidence Network**

Nigel Hughes, Janssen Research and Development



1545 - 1630 **AIML in healthcare: the ‘what’, ‘how’ and ‘where’**

John Rigg, IQVIA



1630 – 1700 **Discussion and debate**

Led by Saad Shakir

1700 **End of day one**

1845 **Complimentary networking dinner**

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Thursday 12th September

0900 - 0915 **Registration**

0915 **Start of day 2**

0915 – 1000 **Recent advances in Digital Epidemiology**
Will Dixon, University of Manchester



1000 – 1045 **OpenPVSignal, a tool for electronic exploration of signal reports**
Pantelis Natsiavas, Centre for Research & Technology Hellas, Thessaloniki



1045 - 1100 **Coffee**

1100 - 1145 **The role of Big Data in pharmacovigilance is complex and dynamic**
Saad Shakir, Drug Safety Research Unit



1145 - 1215 **De-identification: use of natural language processing to remove patient identifiers from case narratives**
Eva-Lisa Meldau, Uppsala Monitoring Centre



1215 - 1315 **Lunch**

1315 – 1400 **Routine and emerging Big Data Strategies for Real World Evidence generation**
Andrew Bate, Pfizer



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1400 - 1445 **Open Forum with delegate interaction**
Chaired by Saad Shakir

1445 - 1500 **Tea**

1500 - 1545 **Development of MyStudies App**
David Martin, FDA



1545 - 1600 **Summing up**
Saad Shakir, Drug Safety Research Unit

1600 **Close of meeting**

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