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## **DNA Tells Tales - Applications of DNA in Science and Industry**

**Institute of Technology, Tallaght**

**Tuesday, January 23<sup>rd</sup>, 2018**

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- 09.00 – 09.50 **Registration**
- 09.50 **Welcome Address** by *Mr. Tom Stone, President of IT Tallaght*
- Chair of Morning Session: *Mr John Behan, Head of Science, IT Tallaght*
- 10.00 – 10.30 **DNA & Agriculture: Targeted Sequencing of Defens in Genes in Bulls of Known Fertility**  
*Dr Emma Finlay, Dublin City University*
- 10.35 – 11.05 **Use of DNA Technology in Microbiology**  
*Professor Tom Buckley, Irish Equine Centre*
- 11.10 – 11.30 **Tea/Coffee**
- 11.30 – 12.00 **DNA – From Crime Scene to Court Room**  
*Dr Dorothy Ramsbottom, Forensic Science Ireland*
- 12.05 – 12.35 **DNA in Plant Diseases and Diagnostics**  
*Dr Brian McGuinness, Teagasc*
- 12.35 – 13.30 **Lunch**
- Chair of Afternoon Session: *Dr Tim Creedon, Former President of IT Tallaght*
- 13.30 – 14.00 **Your DNA and Your Health – Clinical Applications of DNA Technologies**  
*Dr Shirley McQuaid, Dept. of Clinical Genetics, Our Ladys Children Hospital*
- 14.05– 14.35 **DNA Profiling and meat Traceability, Mad cows and Swiss Cheese**  
*Dr Ciaran Meghen, Identigen*
- 14.40 – 15.00 **Tea / Coffee**
- 15.00 – 15.30 **Using DNA sequencing to explore the microbial contribution to efficient animal production**  
*Dr Paul Cormican Teagasc*
- 15.35 – 16.05 **Preparing our Graduates for Your Workplace**  
*Dr Máire Callaghan, Institute of Technology Tallaght*
- 16.10- 16.30 **Discussion and Close of Conference**
- To register please contact:** Mr. Liam Fleury: [liam.fleury@yahoo.ie](mailto:liam.fleury@yahoo.ie)  
Dr. Máire Callaghan: [maire.callaghan@it-tallaght.ie](mailto:maire.callaghan@it-tallaght.ie)