



Next-Generation Sequencing Seminar

Date: Friday, 11th April
Venue: Conference Room 1, Education & Research Centre, RCSI, Beaumont Hospital

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- 10:00 – 10:30** **Ion Personal Genome Machine (PGM) and Flexible Mutation Screening Approaches using Ampliseq Technology**
Dr. Freddie Sharkey, Clinical Applications Consultant, Ion Torrent Systems
- 10:30 – 11:00** **The Application of Next Generation Sequencing for the Identification of Epilepsy Disease Genes**
Dr. Gianpiero Cavalleri, Molecular & Cellular Therapeutics Department, RCSI
- 11:00 – 11:30** **Novel Kinome Aberrations in HER2-Positive Breast Cancer using Next Generation Sequencing**
Dr. Alex Eustace & Dr. Sinead Toomey, Medical Oncology Group, RCSI
- 11:30 – 12:00** **Illumina - Next Generation Sequencing System Overview and the Application of Next Generation Sequencing for Clinical Use**
Dr. Chris Sale, Translational Genomics Unit, Illumina

To register please contact Dr. Patrick Buckley (patrickbuckley@beaumont.ie) or Dr. Tony O'Grady (togrady@rcsi.ie)