

Royal College of Surgeons in Ireland
Coláiste Ríoga na Máinleá in Éirinn

Research Day 2017
Cheyne Lecture Theatre
Thursday 9th March

09:00 – 09:10	Opening address Professor Raymond Stallings, RCSI Director of Research
09:10 – 09:15	Mark O’Dea – Human Resources <i>RCSI – Commitment to Supporting Researchers</i>
09:15 – 10:45	Research talks: Early Career Investigators (Post-doctoral Fellows) Chairpersons: Dr Darran O’Connor & Dr Olga Piskareva
10:45 – 11:30	Poster Viewing & Judging – [PG1, PG2+ and UG] Exam Hall – refreshments served
11:30 – 12:30	Research talks: All Postgraduates – Thesis in 3 Chairpersons: Dr Roger Preston & Dr Claire McCoy
12:30 – 13:15	Poster Viewing & Judging – [All categories] Exam Hall – Lunch served
13:15 – 13:20	Dr Sarah O’Neill – Research Summer School
13:20 – 14:20	Research talks: Undergraduate Students (Summer Students) Chairpersons: Professor Andreas Heise & Dr Annie Curtis
14:20 – 14:25	RCSI Winner of BT Young Scientist Presented by Professor Hannah McGee
14:25 – 15:00	Poster Viewing & Judging [All categories] Exam Hall – refreshments served
15:00 – 16:00	John J Ryan Distinguished Lecture Dr Dongeun (Dan) Huh – Introduced by Professor Raymond Stallings <i>“Microengineered physiological bio-mimicry: human organs-on-chips”.</i>
RESEARCH SHOWCASE	Chaired by – Professor Ger Curley & Professor Tracy Robson
16:00 – 16.20	2016 Innovation Awards Dr Aoife Gallagher Innovation Awards presented by Professor Raymond Stallings
16:20 – 16:40	Professor Celine Marmion - Winner of the Commercialisation Award 2016 Professor Richard Costello - Winner of the Industry Engagement Award 2016 Professor Zena Moore - Winner of the Clinician Award 2016
16:40 – 16:50	Professor Gloria Crispino - <i>Launch of the Data Science Centre</i>
16:50 – 17:00	Professor Mary Cannon – Dept. of Psychiatry <i>ERC Consolidator Grant</i>
17:00 – 17:10	Professor Ruairi Brugha – Dept. of Epidemiology & Public Health Medicine <i>Horizon 2020’s Health, demographic change and wellbeing</i>
17:10 – close	Awards ceremony Presentation of awards by Professor Catherine Greene Followed by wine reception and buffet in the Exams Hall



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09:00 – 09:10 **Opening Address** **Cheyne LT**
 Professor Raymond Stallings, RCSI Director of Research

09:10 – 09:15 **Human Resources** **Cheyne LT**
 Mark O’Dea – RCSI – *Commitment to Supporting Researchers*

09:15 – 10:45 **Category: Early Career Investigators (Post-doctoral Fellows)**
 Chairpersons: Dr Darran O’Connor & Dr Olga Piskareva **Cheyne LT**

9:15	ECI O1	microRNA plasma levels as a biomarker for patient response to the antiepileptic drug leveteracitam (Keppra)	Sinéad B Heavin
9:30	ECI O2	Bid promotes TRAF3 and Peli1- mediated pro-inflammatory signalling in response to TLR3 and TLR4 activation	Sinéad Kinsella
9:45	ECI O3	Impact of somatic PI3K pathway and ERBB family mutations on pathological complete response (pCR) in HER2-positive breast cancer patients who received neoadjuvant HER2-targeted therapies	Sinead Toomey
10:00	ECI O4	The association of physical and psychosocial measures with recurrent falls in the first year after stroke	Mary E. Walsh
10:15	ECI O5	Inhibition of CFTR-specific miRNAs in CF bronchial epithelial cells	Chiara De Santi
10:30	ECI O6	Translating the Fundamental Role of Osteogenic-Angiogenic Coupling in Bone Formation: Highly Efficient Combinatorial Gene-Activated Scaffolds Accelerate Bone Regeneration in Critical-sized Defects	Rosanne M. Raftery

10:45 – 11:30 **Poster Viewing – [PG1, PG2+ and UG]** **Exam Hall**
 Refreshments served

11:30 – 12:30 **Category: All Postgraduates (Thesis in 3)** **Cheyne LT**
 Chairpersons: Dr Roger Preston & Dr Claire McCoy

11:30	PG O1	Role for BCL2 and BCL(X)L in the Regulation of Mitochondrial Metabolism	Federico Lucantoni
11:35	PG O2	Concurrent use of alcohol interactive medications and alcohol in older adults: a systematic review of prevalence and associated adverse outcomes	Alice Holton
11:40	PG O3	Expression of the Cocaine- and Amphetamine-Regulated Transcript (CART) recruits SWI/SNF chromatin remodelling complexes to the Estrogen Receptor	Brian Mooney
11:45	PG O4	Natural compound ‘C4’ as a novel therapeutic in triple-negative breast cancer	Catherine Richards
11:50	PG O5	Young children in The Gambia have the lowest rates of malaria but highest rates of malarial anaemia	Samuel Anya
11:55	PG O6	Development of an inhalable RNAi therapeutic for cystic fibrosis	Rachel Gaul



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12:00	PG 07	First in Class Potential Novel Drug for the Treatment of Sepsis Caused by Urinary Tract Infections	Tony McHale
12:05	PG 08	The link between Docosahexaenoic Acid (DHA), neuropsychological function and mood in healthy adults	Fiona O' Donovan
12:10	PG 09	Bismuth Hydroxamic Acid Complexes as Potential anti- <i>H. pylori</i> Agents	Donal Keogan
12:15	PG 10	Exploring the cytoplasmic role of the androgen receptor in aromatase inhibitor resistant breast cancer	Rachel Bleach

12:30 – 13:15 **Poster Viewing – [All categories]** **Exam Hall**
Lunch served

13:15 – 13:20 **Dr. Sarah O'Neill – Research Summer School** **Cheyne LT**

13:20 – 14:20 **Category: Undergraduate Students (Summer Students)** **Cheyne LT**
Chairpersons: Professor Andreas Heise & Dr Annie Curtis

13:20	UG 01	Are overweight children at increased risk of mental health problems later on?—A longitudinal study	Patrick A Williams
13:30	UG 02	Improving surgical antibiotic prophylaxis for surgical site infection prevention	Oisín Conaty
13:40	UG 03	The effect of air pollution and respiratory viruses on adverse events in severe asthma patients (INCA-1 Trial)	James Charles Sheil
13:50	UG 04	Evaluation of a microparticle-doped collagen-based scaffold designed for diabetic wound healing	Renuka Sitram
14:00	UG 05	Predicted targets of miR-124a regulate genes of apoptosis, integrin and p53	Rachel O'Brien
14:10	UG 06	Sanger Confirmation of Suspected Epilepsy-Related Pathogenic Variants Identified Through Next-Generation Sequencing.	Jack Donohue

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Research Day 2017 Close