

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

Research Day 2018 - Wednesday 7th March

Cheyne Lecture Theatre

- 09:00 – 09:10 **Opening address**
Professor Cathal Kelly, CEO, RCSI.
- 09:10 – 10:40 **Research talks: Early Career Investigators (Post-doctoral Fellows)**
Chairpersons: Professor Sally-Ann Cryan & Dr. Killian Hurley
- 10:40 – 11:20 **Poster Viewing & Judging – [PG1, PG2+ and UG]**
Exam Hall – refreshments served
- 11:20 – 12:25 **Research talks: All Postgraduates – Thesis in 3**
Chairpersons: Dr. Maria Morgan & Professor Norman Delanty
- 12:25 – 13:10 **Poster Viewing & Judging – [All categories]**
Exam Hall – Lunch served
- 13:15 – 14:15 **Research talks: Undergraduate Students (Summer Students)**
Chairpersons: Dr. Deirdre Fitzgerald-Hughes & Dr. Steve Kerrigan
- 14:15 – 14:25 **RCSI Special Category Award at BT Young Scientist**
Presented by Professor Leonie Young
- 14:25 – 14:55 **Poster Viewing & Judging [All categories]**
Exam Hall – refreshments served

O’Flanagan Lecture Theatre

- 15:00 – 16:00 **John J Ryan Distinguished Lecture “Translating Microbiome Science”.**
Professor Fergus Shanahan– Introduced by Professor Raymond Stallings
- RESEARCH SHOWCASE** **Chaired by – Dr. Ann Hopkins and Professor Donal O’Shea**
- 16:00 – 16:15 **2017 CEO Innovation Awards**
Dr. Seamus Browne
Innovation Awards presented by Professor Cathal Kelly
- 16:15 – 16:30 **Professor James O’Donnell** - Winner of the Clinician Award 2017
Professor Leonie Young - Winner of the Commercialisation Award 2017
Professor Andreas Heise - Winner of the Industry Engagement Award 2017
- 16:30 – 16:40 **Gráinne McDonagh – Making you ‘famous’: how can we help build your reputation, and ours?!**
- 16:40 – 16:50 **Professor Ronán Conroy - Launch of the Data Science Centre**
- 16:50 – 17:00 **Professor David Henshall – Dept. of Physiology & Medical Physics Dept**
SFI Research Centre - FutureNeuro
- 17:00 – 17:10 **Dr. Claire McCoy – Dept. of Molecular & Cellular Therapeutics**
SFI President of Ireland Future Research Leader Award
- 17:10 – close **Awards ceremony - Professor Catherine Greene**
Followed by wine reception and buffet in the Exams Hall

Cheyne Lecture Theatre

09:00 – 09:10

Opening Address

Cheyne LT

Professor Cathal Kelly, CEO, RCSI.

09:10 – 10:40

Category: Early Career Investigators (Post-doctoral Fellows)

Cheyne LT

Chairpersons: Professor Sally-Ann Cryan & Dr. Killian Hurley

9:10	ECI O5	Those mitochondria have got rhythms! Mitochondrial activity and antigen processing in dendritic cells is dependent on the molecular clock protein BMAL1	Mariana Patricia Cervantes Silva
9:25	ECI O6	TRAIL promotes entosis through Caspase-8	Emir Bozkurt
9:40	ECI O1	Biopolymer-based nanoparticles for cystic fibrosis lung gene therapy studies	Elena Fernandez Fernandez
09:55	ECI O3	PDGF-BB stabilises vessels in collagen-glycosaminoglycan scaffolds	Ronaldo Jose Farias Correa Do Amaral
10:10	ECI O2	Locked Nucleic Acid Antagomirs as disease-modifying treatment for epilepsy	Cristina R. Reschke
10:25	ECI O4	The role of FKBPL in LPS induced endothelial barrier dysfunction	Stephanie Annett

10:40 – 11:20

Poster Viewing – [PG1, PG2+ and UG]

Exam Hall

Refreshments served

11:20 – 12:25

Category: All Postgraduates (Thesis in 3)

Cheyne LT

Chairpersons: Dr. Maria Morgan & Professor Norman Delanty

11:20	PG2+ O2	Development of a gene-activated nerve guidance conduit for peripheral nerve repair	William Arthur Lackington
11:26	PG2+ O5	Formulation of a functionalised biomaterial to support cell viability for the treatment of diabetes mellitus.	Liam McDonough
11:32	PG1 O1	Identifying new drug targets to treat breast cancer brain metastasis	Siobhan P. Purcell
11:38	PG2+ O1	S. aureus induced miR330-3p expression triggers abnormal permeability in an ex-vivo 2D model of sepsis.	Rebecca L Watkin
11:44	PG2+ O3	Direct UV-triggered thiol-ene cross-linking of electrospun polyester fibers from unsaturated poly(macrolactone)s and their drug loading by solvent swelling.	Fernando C.S De Oliveira
11:51	PG2+ O6	The Impact of Dysregulated Complement Activation in Alpha-1 Antitrypsin Deficiency	Laura Fee
12:57	PG2+ O9	Uncoupling Activated Protein C Functions by Inhibition of Post-Translational Beta-Hydroxylation	Orla Fox
12:03	PG2+ O7	The Irish DNA Atlas: Revealing Fine-Scale Population Structure and History within Ireland.	Edmund Gilbert
12:09	PG2+ O8	The novel detection of the T790M mutation in exhaled breath condensate	Robert Smyth
12.15	PG2+ O4	Evaluation of the Shanley Pressure Ulcer Prevention Programme, (SPUPP), for older persons at risk of pressure ulceration, living in the community setting	Emer Shanley

12:25 – 13:10

Poster Viewing – [All categories]

Exam Hall

Lunch served

13:15 – 14:15

Category: Undergraduate Students (Summer Students)

Cheyne LT

Chairpersons: Dr. Deirdre Fitzgerald-Hughes & Dr. Steve Kerrigan

13:15	UG O1	A qualitative study of the patient journey through the healthcare system and information sources used by parents in Attention-Deficit-Hyperactivity-Disorder (ADHD)	Ciaran Fitzgerald
13:25	UG O2	Assessing role of SATB2 and SATB2-AS1 genes in colorectal cancer	Zi Yan Chiah
13:35	UG O3	Impact of Universal Newborn Hearing Screening (UNHS) on Cochlear Implanted Children in Ireland	Melissa Mae Gabriel
13:45	UG O4	Investigating protease activated receptor 1 (PAR-1) in platelet activation in alpha-1 antitrypsin deficiency (AATD)	Melvin Hoo
13:55	UG O6	The qualitative evaluation of an interprofessional education day aimed at improving adherence in patients with Chronic Respiratory Diseases.	Emmet Farrington
14:05	UG O5	Investigating the Role of Carbonic Anhydrase 1 in Post-Traumatic Stress Disorder.	Matthew Ramesar

14:15 – 14:25

RCSI Winner of BT Young Scientist

Cheyne LT

RCSI Special Category Award at BT Young Scientist
'Best Impact on Human Health'
Tony O'Halloran - Introduced by Professor Leonie Young

14:25 – 14:55

Poster Viewing - [All categories]

Exam Hall

Refreshments served

O'Flanagan Lecture Theatre

- 15:00 – 16:00** **John J Ryan Distinguished Lecture** **O'Flanagan LT**
Professor Fergus Shanahan – Introduced by Professor Raymond Stallings
“Translating Microbiome Science”.
- RESEARCH SHOWCASE Chairpersons – Dr. Ann Hopkins and Professor Donal O'Shea**
- 16.00 – 16:15** **2017 CEO Innovation Awards** **O'Flanagan LT**
Dr. Seamus Browne
CEO Innovation Awards – presented by Professor Cathal Kelly
- 16.15 – 16:30** **Awardees** **O'Flanagan LT**
Professor James O'Donnell - Winner of the Clinician Award 2017
Professor Leonie Young - Winner of the Commercialisation Award 2017
Professor Andreas Heise - Winner of the Industry Engagement Award 2017
- 16:30 – 16:40** **Gráinne McDonagh** **O'Flanagan LT**
RCSI Office of Institutional Research & Planning
Making you 'famous': how can we help build your reputation, and ours?!
- 16.40 – 16:50** **Launch of the Data Science Centre** **O'Flanagan LT**
Professor Ronán Conroy
- 16.50 – 17:10** **Speakers** **O'Flanagan LT**
Professor David Henshall – *SFI Research Centre - FutureNeuro*
Dr. Claire McCoy – *SFI President of Ireland Future Research Leader Award*
- 17.10 – close** **Awards Ceremony** **O'Flanagan LT**
Announcement of awards by Professor Catherine Greene

Followed by wine reception and buffet in the Exams Hall

Research Day 2018 Close