

Academic Staff

Number	Title	Author
Poster Presentations:		
AS P1	Medical Student Intervention to Promote Effective Nicotine Dependence and Tobacco HEalthcare (MIND-THE-GAP): Results from a single-centre feasibility randomised trial (NCT02601599)	Anusha Kumar ¹ , Kenneth D Ward ² , Lisa Mellon ³ , Miriam Gunning ⁴ , Sinead Styne ⁴ , Anne Hickey ³ , Ronán Conroy ³ , Shane MacSweeney ³ , David Horan ⁵ , Graduate Entry Programme 2014-19 ⁵ , Liam Cormican ^{1,6} , Seamus Sreenan ^{5,6} , Frank Doyle ³
AS P2	Driving Quality in Healthcare Simulation – Applying Lean Management Principles to Learning	Clare Sullivan ¹ , Prof James Murray ¹
AS P3	Mission and Strategic objectives for the RCSI's Academic & Educational Building	Prof James Murray ¹ , Clare Sullivan ¹
AS P4	Transitions in Health Professions Education: A Phenomenological Analysis of Acclimatisation to the First Year of Study	Dr Martina Crehan ¹
AS P5	Intentions of medical students to treat tobacco dependence post-graduation	Kenneth Ward ¹ , Lisa Mellon ² , Frank Doyle ²
AS P6	Development of a Process Oriented Guided Inquiry Learning (POGIL) Method for the Teaching of Pharmaceutics in a Novel Integrated Pharmacy Curriculum	Zebunnissa Ramtoola ¹ , Martina Crehan ² , Teresa Pawlikowska ²
AS P7	A BEME Review of the Psychometric and Edumetric Properties of Assessment Instruments for the Medical Consultation for Undergraduates	Teresa Pawlikowska ¹ , Angélique Timmerman ⁴ , Katrien Bombeke ³ , Paul Van Royen ³ , Paul de Cates ² , Michael Davies ⁵ , Samantha Johnson ² , Kathleen Van Royen ³ , Frank Doyle ¹ , Jane Burns ¹ , Paul Ram ⁴
AS P8	Virtual Patient Simulations do improve knowledge of communication skills for early medical students	Catherine Bruen ¹ , Clarence Kreiter ² , Vincent Wade ³ & Teresa Pawlikowska ¹ .
AS P9	A cross sectional study of students attitudes to professionalism in a healthcare professions institution.	Marié T. O'Shea ¹ , Aisling Kerr ^{1,2} , Judith Strawbridge ² , Fiona Boland ³ , Teresa Pawlikowska ¹
AS P10	The Strategic Implementation and Augmentation of Technology Enhanced Learning (TEL) in Third Level Education: A Critical Lens.	Laura Widger ¹ , Margaret Denny ¹ , Meg Benke ² , Madja Pajnikhar ³ , Catherine Madden ¹ & Catherine Bruen ⁴
AS P11	The National Alpha-1 Antitrypsin Deficiency Targeted Detection Programme	Tomás P. Carroll ¹ , Laura T. Fee ¹ , Catherine O'Connor ¹ , Margaret Molloy ¹ , Emma Pentony ² , Ilaria Ferrarotti ³ , Maurizio Luisetti ³ , William Tormey ² , and Noel G. McElvaney ¹ .
AS P12	Where next for Open Educational Resources in higher education in Ireland?	Angelica Ríquez ¹ , Claire McAvinia ² , Yvonne Desmond ² , Catherine Bruen ³ , Sharon Flynn ⁴ , Pauline Rooney ² , Deirdre Ryan ⁵ , Anne O'Keeffe ¹
AS P13	What I Wish I Knew In Final Year' – The launch of a near peer teaching programme in an Irish University Hospital	Niall O'Mara ^{1,2} , Naomi Davey ¹ , Cherry Cheung ^{1,2} , Sean Leavey ^{1,2,3} , Simon Cross ^{1,2,3} , Riona Mulcahy ^{1,2} , George Pope ^{1,3} , Gozie Offiah ^{1,2}
AS P14	A Tale of Two Serpins	Tomás P. Carroll ¹ , Timea K. Deak ² , Kevin Molloy ¹ , Ilaria Ferrarotti ³ , and Noel G. McElvaney ¹
AS P15	Evaluating machine learning models to predict the polarity of student feedback comments.	Richard Arnett ¹ , Catriona Keane ¹ , Joanna Zawadzka ¹
AS P16	A Patient Portal Providing Individualised Services and Care in Epilepsy (PISCES)	Kevin Power ¹ , Brendan Dunleavy ⁵ , Mark McCormack ¹ , Maire White ¹ , Gianpiero L. Cavalleri ¹ , Richard Corbridge ⁴ , Norman Delanty ¹ , Colin Doherty ³ , Mary Fitzsimons ¹
AS P17	Advancing Genomics-Driven Epilepsy Care With An Electronic Patient Record	Kevin Power ¹ , Brendan Dunleavy ⁵ , Mark McCormack ¹ , Maire White ^{1,2} , Richard Corbridge ⁴ , Norman Delanty ^{1,2} , Colin Doherty ³ , Gianpiero L. Cavalleri ¹ , Mary Fitzsimons ¹
AS P18	Interarm blood pressure difference in a stroke population	Eva Gaynor ¹ , Linda Brewer ² , Lisa Mellon ³ , Eamon Dolan ⁴ , Anne Hickey ⁵ , David Williams ⁶

Number	Title	Author
AS P19	Detecting signals within the noise - methodologies for finding meaning in large data sets. Case Study: 150 years of RCSI PubMed publications	Richard Arnett
AS P20	Surgeon Performed Point of Care Ultrasound: An Essential Clinical Tool	Daniel B. Dumbrava ¹ , Gary A. Bass ^{1,2} , Thomas N. Walsh ^{1,2}
AS P21	Sentinel Node Biopsy in biopsy proven DCIS: Is it necessary for all?	Carolyn L. Power ¹ , Donal P. O'Leary ¹ , Anthony Hoban ¹ , Muhammad Mushtaque ¹ , Colm Power ¹ , Arnold D.K. Hill ¹
AS P22	High risk prescribing in an Irish primary care population	Catherine Byrne ¹ , Caitriona Cahir ¹ , Kathleen Bennett ¹
AS P23	Mesenchymal stromal cells induce mixed macrophage phenotypes and enhance phagocytosis and bacterial killing in human macrophages	Allen Volchuk ¹ , Mirjana Jerkic ¹ , Linda Garces-Ramirez ^{1,2} , Jonathan Canton ³ , Claire Masterson ¹ , Kate Tatham ¹ , John Marshall ¹ , Katalin Szaszi ¹ , John G Laffey ¹ , Sergio Grinstein ³ , Gerard F Curley ^{1,5}
AS P24	The Fate and Function of Mesenchymal Stromal Cells in a Septic Model of ARDS	Claire Masterson ¹ , Arata Tabuchi ¹ , Mirjana Jerkic ¹ , Lisa Robinson ³ , Brian Kavanagh ³ , Wolfgang Kuebler ¹ , John G. Laffey ^{1,2} , Gerard F. Curley ^{1,2,4}
AS P25	Human mesenchymal stromal cells enhance phagocytosis and phagosomal reactive oxygen species production in macrophages through production of Lipoxin A4 and Prostaglandin E2	Razieh Rabani ¹ , Allen Volchuk ¹ , Mirjana Jerkic ¹ , John G Laffey ^{1,2} , Katalin Szaszi ¹ , Gerard F Curley ^{1,2,3}
AS P26	Peer assisted didactic learning in paediatrics: student experience in a single, tertiary paediatric hospital.	Leona Nertney ¹ , Daire O'Leary ¹ , Katie O'Connor ¹ , Alf Nicholson ^{1,2} , Paul McNally ^{1,3}
AS P27	Targeting mRNA polyadenylation as novel treatment strategy in epilepsy	Yasmina E. Hernandez-Santana ¹ , Mariana Alves ¹ , Jose J. Lucas ² , Tobias Engel ¹
AS P28	Screening for Group B Streptococcus at Labour Onset: The effectiveness of Polymerase chain reaction (PCR) analysis in comparison to microbial culture - A Pilot Study	McDermott R ^{1,3} , Babu S ^{1,3} , Farooq I ^{1,3} , Le Blanc D ^{1,3} , Eogan M ^{1,3} , Drew RJ ^{1,2,3} .
AS P29	Targeting Subchondral Bone Remodeling Early after Acute Knee Injury Prevents Post Traumatic Osteoarthritis Development.	Austin J. Ramme ² , Matin Lendhey ² , Kevin Voss ³ , Thomas Coughlin ² , Oran D. Kennedy ^{1,2,3}
AS P30	Value of Information from Cost-Effectiveness Analyses. What is it and when is it useful?	Jan Sorensen ¹
AS P31	An Update from the Irish National Alpha-1 Antitrypsin Deficiency Registry	Margaret Molloy ¹ , Tomás P. Carroll ¹ , Laura Fee ¹ , Catherine O'Connor ¹ , and Noel G. McElvaney ¹
AS P32	The Use Of Virtual OPD For Uncomplicated Colorectal Patients	Daniel Meehan ¹ , Ms Deborah McNamara ²
AS P33	Detection of BRCA1 and BRCA2 germline mutations in Bahraini population using next-generation sequencing	Fatima Alhannan ¹ , Safa Taha ² , Latifa Albuainain ³ , Michael Keogh ¹
AS P34	3D Printing of a Head and Neck Anatomical Model	Michael Keogh ¹ , Andy Ma ¹

Early Career Investigator (ECI)

Number	Title	Author
Oral Presentations:		
ECI O1	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 ^{1,2} , Irene Mencia Castano ¹ , Caroline M. Curtin ¹ , Gang Chen ³ , Brenton Kavanagh ¹ , Sally-Ann Cryan ^{1,2} and Fergal J. O'Brien ¹
ECI O2	Inhibition of CFTR-specific miRNAs in CF bronchial epithelial cells	Chiara De Santi ¹ , Elena Fernández Fernández ¹ , Catherine M. Greene ¹
ECI O3	microRNA plasma levels as a biomarker for patient response to the antiepileptic drug levetiracetam (Keppra)	Sinéad B Heavin ¹ , Clare O'Kennedy ¹ , Lisa Slattery ¹ , Norman Delanty ^{1,2} , David C Henshall ³ , Gianpiero L Cavalleri ¹
ECI O4	Bid promotes TRAF3 and Peli1- mediated pro-inflammatory signalling in response to TLR3 and TLR4 activation	Sinéad Kinsella ¹ , Hans-Georg König ¹ , Jochen H. M. Prehn ¹
ECI O5	The association of physical and psychosocial measures with recurrent falls in the first year after stroke	Mary E. Walsh ^{1,2} , Rose Galvin ³ , David Williams ⁴ , Joseph A. Harbison ⁵ , Morgan Crowe ⁶ , Sean Murphy ⁷ , Ronan Collins ⁸ , Dominick McCabe ⁸ , Frances Horgan ¹
ECI O6	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 ^{1*} , Alexander J. Eustace ^{1*} , Joanna Fay ² , Katherine M. Sheehan ² , Aoife Carr ¹ , Stephen F. Madden ¹ , Ausra Teiserskiene ³ , Elaine W. Kay ² , Liam Grogan ⁴ , Oscar Breathnach ⁴ , Arnold D. Hill ⁵ , John Crown ⁶ , Bryan T. Hennessy ^{1,3,5}
Poster Presentations:		
ECI P1	Nano-hydroxyapatite Scaffolds Offer a Non viral microRNA-Therapy Platform to Rapidly Enhance Human Mesenchymal Stem Cell Osteogenesis and in vivo Bone Repair	Irene Mencia Castaño ^{1,2,3} , Caroline M. Curtin ^{1,2,3} , Rosanne M. Raftery ^{1,2,3} , Gang Chen ⁴ , Brenton Cavanagh ⁵ , Garry P Duffy ^{1,2} , Fergal J. O'Brien ^{1,2}
ECI P2	Post-mortem examination of an aggressive case of medullary thyroid carcinoma characterized by catastrophic genomic abnormalities	Sudipto Das ^{2,3*} , Deirdre Kelly ^{1,2*} , Bruce Moran ^{2,3*} , Kathleen Han ^{1,2} , Niall Mulligan ^{1,2} , Ciara Barrett ^{1,2} , Patrick G. Buckley ⁴ , Kate Connor ^{2,3} , Bauke Ylstra ⁵ , Diether Lambrechts ⁶ , William M. Gallagher ³ , Darran P. O'Connor ^{2,3} , Catherine M. Kelly ^{1,2} * Co-first authors
ECI P3	Junctional Adhesion Molecule-A (JAM-A) as a novel future drug target in ductal carcinoma in situ (DCIS)	Yvonne E. Smith ¹ , Kieran Brennan ¹ , Lance Hudson ¹ , Astrid O. Leech ¹ and Ann M. Hopkins ¹
ECI P4	Increased ADAM-17 activity in neutrophils of people with cystic fibrosis is corrected by Ivacaftor therapy, thereby indirectly modulation inflammation.	Michelle Marie White ¹ , Ryan Flannery ² , Pdraig Hawkins ¹ , Noel Gerry McElvaney ¹ , and Emer Patricia Reeves ¹ .
ECI P5	Evaluating the systemic effect of reduced levels of circulating alpha-1 antitrypsin (AAT) in deficient patients	Noreen Lacey ¹ , Oliver J. McElvaney ¹ , Michelle M. White ¹ , Neol G. McElvaney ¹ , Emer P. Reeves ¹
ECI P6	Individuals with cystic fibrosis demonstrate reduced HVCN1 abundance resulting in altered phagosomal pH and degranulation	Niall Browne ¹ , Michelle M. White ¹ , Mark Milner ¹ , Clare Foley ¹ , Fatma Gargoum ¹ , Pdraig Hawkins ¹ , Emer P. Reeves ¹ , Noel G. McElvaney ¹ .
ECI P7	A minimally invasive endocardial delivery device for stem cells embedded in fast-gelling hyaluronic acid hydrogels for the treatment of myocardial infarction	Eimear B. Dolan ^{1,2} , Lenka Kohutova ³ , Hugh O'Neill ² , Dorothee Daro ⁴ , Nathalie Braun ⁴ , Brenton Kavanagh ⁵ , Helena Kelly ² , Garry P. Duffy ^{1,2} , Bruce P. Murphy ¹
ECI P8	Mechanistic Interrogation Of Pre-Treatment Low Dose Aspirin Effects in Her 2 Positive Breast Cancer	Ian S. Miller ¹ , Sonja Khan ² , Liam P. Shiels ³ , Sudipto Das ⁴ , Bruce Moran ³ , Finbarr P. Leacy ¹ , Paul Loadman ⁵ , Robert S. Kerbel ⁶ , Darran O' Connor ⁴ , Kathleen Bennett ⁷ , Roisin M. Dwyer ² , Annette T. Byrne ¹ .
ECI P9	Abstract Withheld	Mark McCormack ¹ , Honsheng Gui ² , the EpiPGX Consortium, the International League Against Epilepsy Consortium on Complex Epilepsies, the EPIGEN Consortium, the Canadian Pharmacogenomics Network for Drug Safety, Munir Pirmohamed ³ , Norman Delanty ¹ , and Gianpiero L. Cavalleri ¹

Number	Title	Author
ECI P10	FKBPL as a novel prognostic biomarker and therapeutic agent in High Grade Serous Ovarian Cancer	Stephanie L. Annett ^{1,2} , Lana McClements ¹ , Helen O. McCarthy ¹ , Fiona Furlong ¹ , Ian Harley ³ , Glen McCluggage ³ , Tracy Robson ^{1,2}
ECI P11	Physicochemical characterization of polymeric nanoparticles for CFTR-specific Target Site Blockers delivery	Elena Fernández Fernández ¹ , Chiara de Santi ¹ , Joanne M Ramsey ² , Sally-Ann Cryan ² , Catherine M Greene ¹
ECI P12	Gated mesoporous silica nanocarriers incorporated in an injectable hydrogel for the local treatment of glioblastoma multiforme	Carmen Coll ¹ , Cristina De la Torre ² , Kate Connor ³ , Ramon Martinez-Mañez ² , Annette. T. Byrne ³ , Garry P. Duffy ^{1,4} , Eduardo Ruiz-Hernandez ^{1,4,5}
ECI P13	A high-throughput screen identified cancer selective small molecules that kill independent of mitochondrial apoptosis	Catriona M. Dowling ¹ , Micheal Hemann ² , James Bradner ³ , Anthony Letai ³ , Triona Ni Chonghaile ¹
ECI P14	Functionalising a Collagen-Based Scaffold With On-Demand Drug Delivery for Diabetic Wound Healing	Ronaldo J. F. C. do Amaral ¹ , Fergal J. O'Brien ^{1,2,3} , Cathal Kearney ^{1,2,3}
ECI P15	The divergent effects of different early adolescent psychotic experiences to mid-adolescence psychopathology and global functioning: A longitudinal study.	Colm Healy ¹ & Mary Cannon ¹
ECI P16	Breast Cancer Mortality after De Novo Post-Diagnosis Vitamin D Use	Jamie Madden ¹ , Laura Murphy ¹ , Ian Barron ² , Lina Zgaga ³ , Kathleen Bennett ¹
ECI P17	Integrating genomics to the epilepsy care pathway, in an electronic health framework	Katherine Benson ¹ , Nicholas Allen ² , Gianpiero Cavalleri ¹ , Richard Corbridge ³ , Mark, McCormack ¹ , Danny Costello ⁴ , Norman Delanty ^{1,5} , Colin Doherty ⁶ , Brendan Dunleavy ⁷ , Mary Fitzsimons ⁵ , Nisha Ganghadaran ² , Sinead Hevin ¹ , Mary King ⁸ , John Lynch ⁹ , Kevin Power ¹ , David Webb ¹⁰ , Maire White ^{1,5}
ECI P18	A robust statistical model of adherence to inhaled medication	Garrett Greene ¹ , Ronan Conroy ¹ , Richard Costello ² , Frank Doyle ¹
ECI P19	Investigating the role of androgen mediated activation of PI3K signaling in aromatase inhibitor resistant in breast cancer	Laura Creevey ¹ , Azlena Ali ^{1,2} , Rachel Bleach ¹ , Stephen Madden ³ , Arnold D.K Hill ^{1,2} , Leonie Young ¹ and Marie McIlroy ¹
ECI P20	Abstract Withheld	Cathy A. Wyse ¹ , Annie M. Curtis ¹
ECI P21	3D neuroblastoma bone metastases model for evaluating current and new therapeutics	Olga Piskareva ^{1,2} , Caroline Curtin ³ , Ross Conlon ¹ , John Nolan ^{1,2} , Ahmad Zaki Asraf ¹ , Isabella Bray ¹ , Harry Harvey ¹ , Suzanne Miller-Delaney ¹ , Fergal O'Brien ³ , Raymond L Stallings ^{1,2}
ECI P22	Co-designing Patient-Centred Care (PCC) in Epilepsy Through Participatory Action Research [PAR] - The Epilepsy Partnership in Care [EPiC] Project	Jarlath Varley ¹ , Colin Doherty ² , Jamie Saris ³ , Robert Power ¹ , Veronica Lambert ⁴ , Mary Fitzsimons ¹
ECI P23	An investigation of the functional and clinical impact of ERBB4 mutations in HER2-positive breast cancer.	Naomi Elster ¹ , Mattia Cremona ¹ , Clare Morgan ¹ , Malgorzata Milewska ¹ , Joanna Fay ² , Elaine W. Kay ² , Susan Kennedy ³ , John Crown ³ , Yue Fan ⁴ , Simon Furney ⁴ , Úna Bhreathnach ⁴ , Karolina Weiner-Gorzel ⁴ , Madeline Murphy ⁴ , Sinead Toomey ¹ , Bryan T Hennessy ¹ , Alex J. Eustace ¹
ECI P24	Between observation, reflection and action: The Epilepsy Partnership in Care (EPiC) project	Robert Power ¹ , Jamie Saris ² , Colin, Doherty ³ , Veronica Lambert ⁴ , Jarlath Varley ¹ , Mary Fitzsimons ¹
ECI P25	Proteomic profiling of patient-derived xenograft tissue for identifying potential biomarkers for cetuximab resistance in metastatic colorectal cancer	Steven Carberry ¹ , Naser Monsefi ¹ , Robert O'Byrne ¹ , Eugenia R. Zanella ² , Andrea Bertotti ^{2,3,4} , Livio Trusolino ^{2,3} , Jochen H.M. Prehn ¹
ECI P26	Overview of the strokecog study: Modelling and modifying the consequences of stroke-related cognitive impairment through intervention	Niamh A. Merriman ¹ , Eithne Sexton ¹ , Nora-Ann Donnelly ² , Niall Pender ³ , Frances Horgan ⁴ , David Williams ^{1,3} , Maev-Ann Wren ² , Kathleen E. Bennett ¹ , Anne Hickey ¹
ECI P27	The Cellular Bioenergetics in Neurodegenerative Diseases consortium combines systems modelling and <i>in vitro</i> analysis to investigate neurodegenerative mitochondrial dysfunction in AD, PD and HD	Niamh M. C. Connolly ¹ , Pierre Theurey ² , Susette Lauwen ¹ , Anna Gioran ³ , Alvin Joselin ⁴ , Catarina Pinho ⁵ , David Park ⁴ , Daniele Bano ³ , Paola Pizzo ² , Maria Ankarcona ⁵ , Jochen H. M. Prehn ¹
ECI P28	Prevention and treatment of catheter related infections caused by <i>Staphylococcus aureus</i>	Siobhan Hogan ¹ , Eoghan O'Neill ^{1,2}

Number	Title	Author
ECI P29	Abstract Withheld	Ozlem Aslan ^{1,2} , Emilie M Charles ^{1,2} , Padraic Regan ³ , Stephanie Curran ⁴ , Enda McDermott ⁴ , Giuseppe Gullo ³ , Paul Donnellan ⁴ , Aurelie Fabre ³ , Ronan Feighery ⁵ , Markus Rehm ^{1,2,6}
ECI P30	Abstract Withheld	Edward Beamer ¹ , Yasmina E. Hernandez-Santana ¹ , Mariana Alves ¹ , Nicholas Dale ² , Tobias Engel ¹
ECI P31	Polypeptide Nanoparticles as Carriers for Active Ingredients	Hannah Prydderch ¹ , Andreas Heise ¹
ECI P32	Bacterial metabolism of Ursodeoxycholic Acid is necessary for its protective actions in a mouse model of intestinal inflammation	Natalia K. Lajczak ¹ , Joseph B. Ward ¹ , Bridie J Goggins ² , Simon Keely ² , Stephen J. Keely ¹

All Postgraduate Oral Presentations

Number	Title	Author
Oral Presentations:		
PG O1	Natural compound 'C4' as a novel therapeutic in triple-negative breast cancer	Catherine E. Richards ¹ , Sri H. Vellanki ¹ , Yvonne E. Smith ¹ , Astrid Leech ¹ , Rodrigo G.B. Cruz ¹ , Lance Hudson ¹ , Ann M. Hopkins ¹ .
PG O2	Concurrent use of alcohol interactive medications and alcohol in older adults: a systematic review of prevalence and associated adverse outcomes	Ms. Alice E. Holton ¹ , Prof. Paul Gallagher ¹ , Prof. Tom Fahey ² and Dr. Gráinne Cousins ¹
PG O3	Development of an inhalable RNAi therapeutic for cystic fibrosis	Rachel Gaul ^{1,2,3,5} , Robert Murphy ^{3,4} , Chiara De Santi ⁵ , Joanne M. Ramsey ^{1,2,3} , Andreas Heise ^{3,4} , Catherine M. Greene ⁵ , Sally-Ann Cryan ^{1,2,3}
PG O4	Exploring the cytoplasmic role of the androgen receptor in aromatase inhibitor resistant breast cancer	Rachel Bleach ¹ , Laura Creevey ¹ , Stephen Madden ² , Arnold D.K. Hill ³ , Leonie Young ¹ , Marie McIlroy ¹
PG O5	The link between Docosahexaenoic Acid (DHA), neuropsychological function and mood in healthy adults	Fiona O' Donovan ^{1,2} , Kathleen Shortall ¹ , Thora El-Sayed ¹ , Eamon Dolan ³ , David Williams ⁴ , Niamh Moran ¹ , Alan Fahey ⁵ , Niall Pender ² , Alice Stanton ¹
PG O6	Expression of the Cocaine- and Amphetamine-Regulated Transcript (CART) recruits SWI/SNF chromatin remodelling complexes to the Estrogen Receptor	Brian Mooney ¹ , Sudipto Das ¹ , Rut Klinger ² , Bruce Moran ² , Eric Conway ³ , Ben Doyle ² , Kieran Wynne ² , William M. Gallagher ² , Triona Ni Chonghaile ⁴ , Gerard Cagney ² , Adrian P. Bracken ³ , and Darran O'Connor ¹
PG O7	Bismuth Hydroxamic Acid Complexes as Potential anti-H. Pylori Agents	Donal M Keogan ¹ , Darren M Griffith ¹ .
PG O8	Young children in The Gambia have the lowest rates of malaria but highest rates of malarial anaemia	Samuel E. Anya ¹ , Ayo Palmer ² , Ruairi Brughá ³ , Samuel McConkey ¹
PG O9	First in Class Potential Novel Drug for the Treatment of Sepsis Caused by Urinary Tract Infections	Tony McHale ^{1,2,3} , C.D. Garcierena ^{1,2,3} , S.G. Smith ⁵ , F. Fitzpatrick ⁴ , S. W. Kerrigan ^{1,2,3}
PG O10	Role for BCL2 and BCL(X)L in the Regulation of Mitochondrial Metabolism	Federico Lucantoni ^{1,2} , Heiko Dössmann ^{1,2} and Jochen HM Prehn ^{1,2} .

Post-Graduate Scholars (PG): 1st Year Only

Number	Title	Author
Poster Presentations:		
PG1 P1	Alpha-1 Antitrypsin is Less Effective at Inhibiting Neutrophil Elastase Activity and CXCR1 Cleavage in CF versus Non-CF Bronchiectasis due to the Actions of Other Serine and Non-Serine Proteases	Oliver J McElvaney ¹ , Niall Browne ¹ , Michelle M White ¹ , Noreen Lacey ¹ , Padraig E Hawkins ¹ , Thomas McEnergy ¹ , Cedric Gunaratnam ¹ , Emer P Reeves ¹ , Noel G McElvaney ¹ .
PG1 P2	Neutrophil Membrane Proteomics in Alpha-1 Antitrypsin Deficiency	T McEnergy ¹ , DJ Hunt ¹ , M White ¹ , M Henry ² , P Meleady ² , EP Reeves ¹ , NG McElvaney ¹
PG1 P3	Neutrophil Cytosolic Potassium Concentration is Reduced in Cystic Fibrosis Compared to Healthy Controls	Oliver J. McElvaney ¹ , Michelle M. White ¹ , Niall Browne ¹ , Emer P. Reeves ¹ , Noel G. McElvaney ¹
PG1 P4	To understand the abundance and effect of hydrogen voltage-gated channel 1 (HVCN1) on neutrophils of alpha-one antitrypsin deficient patients.	Padraig E. Hawkins ¹ , Niall Browne ¹ , Michelle M. White ¹ , Emer P. Reeves ¹ , Noel G. McElvaney ¹
PG1 P5	Investigating the activation of complement in alpha-1 antitrypsin deficiency	Laura Fee ¹ , Michael E. O'Brien ² , Tomás Carroll ¹ , Margaret Molloy ¹ , Catherine O'Connor ¹ , Emer Reeves ² and Noel G. McElvaney ²
PG1 P6	New mouse model for the study of P2X7 receptor signalling in epilepsy	Aoife Campbell ¹ , Mariana Alves ¹ , Yasmina Esther Hernandez Santana ¹ , Annette Nicke ² , Tobias Engel ¹
PG1 P7	Increased Rac2 activation leads to BPI autoantibodies in individuals with cystic fibrosis.	Fatma S. Gargoum ¹ , Sarah A. Landers ¹ , Michelle M. White ¹ , Niall R. Browne ¹ , Padraig E. Hawkins ¹ , Emer P. Reeves ¹ , Noel G McElvaney ¹
PG1 P8	Understanding the role of the Sigma-1 receptor in breast cancer: Identification of interacting proteins	Preeti Borde ¹ , ST Safrany ² , Leonie S. Young ¹
PG1 P9	CT evident emphysema in MZ and SZ Alpha 1 Antitrypsin Deficiency: Smoking as a phenotype-by-environment effect.	Alessandro N Franciosi ¹ , Tomas P Carroll ² , Margaret Molloy ² , Laura Fee ² , Catherine O'Connor ² , Noel G McElvaney ¹ .
PG1 P10	Abstract Withheld	Aidan Kenny ¹ , Eva Jimenez-Mateos ¹ , Caroline Sheedy ¹ , Miquel Medina ² , Felix Hernandez ² , Miquel Calero ² , Jesus Avila ² , Tobias Engel ¹
PG1 P11	Will electronic integrated text, visual and audio questionnaire be a better tool to evaluate the health status of paediatric hydrocephalus patients?	Joy E. Tan ¹ , John Caird ² , Mehrengize Cooper ³
PG1 P12	Cochrane Review: Antiviral agents for infectious mononucleosis (glandular fever)	Muireann De Paor ¹ , Kirsty O'Brien ¹ , Tom Fahey ¹ , Susan M Smith ¹
PG1 P13	Smoking among Doctors and Nurses in Qatar	Asma AlQallaf ¹ , Hamda Al Korbi ² , Walaa Alawi ³ and Lukman Thalib ⁴
PG1 P14	Polysarcosine: A Viable Alternative to PEG in Biomedical Applications?	Seamus Caulfield ¹ , Prof. Andreas Heise ¹
PG1 P15	Exosomal miR-548d-5p affects neuroblastoma cell viability in dose-dependent manner.	Ciara M. Fallon ¹ , John Nolan ¹ , Ross Conlon ¹ , Raymond L. Stallings ¹ , O Piskareva ¹
PG1 P16	Determining the anti-apoptotic BCL-2 family dependency of T-cell acute lymphoblastic leukaemia in distinct microenvironments	Alessandra Di Grande ¹ , Jochen Prehn ¹ , Triona Ní Chonghaile ¹ .
PG1 P17	Evaluation of the compatibility of sildenafil during simulated y-site administration in a paediatric setting.	Fatemah Alsaman ¹ , Fiona O'Brien ¹ , Helena Kelly ¹
PG1 P18	The role of miRNAs derived from Extracellular Vesicles in driving a host's response to Infection.	Glenn G. Fitzpatrick ^{1, 3} , Rebecca L. Watkin ^{1, 3} , Ray L. Stallings ² , Phil M. Cummins ⁴ , Steve W. Kerrigan ^{1, 3} .
PG1 P19	What impact does cold air atmospheric plasma have on bacterial biofilms formed on hospital surfaces?	Muireann Fallon ¹ , Sarah Kennedy ¹ , Stephen Daniels ² , Hilary Humphreys ^{1,3}
PG1 P20	Using hypoxic culture for increased gene delivery efficiency	Lemoine, M. ^{1,2,3} , Gonzalez-Fernandez, T. ^{1,2,3} , Raftery, R. ^{1,2,3} , O'Byrne, J.M. ¹ , Kelly, D.J. ^{1,2,3} , O'Brien, F.J. ^{1,2,3}
PG1 P21	Teasing apart the SRC-1 mediated transcription network in endocrine resistant breast cancer patients using bioinformatics.	Nicola Cosgrove ¹ , Alacoque Browne ² , Ailis Fagan ³ , Sara Charmsaz ⁴ , Damir Vareslija ⁵ , Sinead Cocchiglia ⁶ , Leonie Young ⁷

Number	Title	Author
PG1 P22	The impact of germline SNPs in ERBB genes and genes associated with homologous recombination deficiency on response to taxotere, platinum and herceptin therapy in the treatment of HER2-positive tumors	Damien Coté ^{1*} , Stephen F. Madden ^{1*} , Sinead Toomey ^{2*} , Simon J. Furney ³ , M Milewska ² , J Fay ⁴ , Elain W. Kay ⁴ , Susan Kennedy ⁵ , John Crown ⁵ , Bryan T. Hennessy ^{2,6} &, Alex J. Eustace ² &. *These authors contributed equally to this work & signifies joint senior author

Post-Graduate Scholars (PG): 2nd Year +

Number	Title	Author
Poster Presentations:		
PG2+ P1	Collagen - copper-doped bioactive glass composite scaffolds for the treatment of infection and regeneration of bone	Emily J. Ryan ^{1,3} , Alan J. Ryan ^{1,2,3} , Anahí Philippart ⁴ , Francesca E. Ciraldo ⁴ , Aldo R. Boccaccini ⁴ , Cathal J. Kearney ^{1,2,3} , Fergal J. O'Brien ^{1,2,3}
PG2+ P2	The effect of antihypertensive medication adherence on falls risk in older adults: a prospective cohort study	Paul Dillon ¹ , Susan Smith ² , Paul Gallagher ¹ , Gráinne Cousins ¹
PG2+ P3	Assessing the multidimensional relationship between Medication Beliefs and Adherence using Polynomial regression in older adults with Hypertension	Paul Dillon ¹ , L. Alison Phillips ² , Paul Gallagher ¹ , Susan Smith ³ , Derek Stewart ⁴ , Gráinne Cousins ¹
PG2+ P4	Thrombocalc VTE Risk Assessment – Future Research	Fergal O'Shaughnessy ^{1,2,3} , Kathleen Bennett ² , Fionnuala Ní Áinle ^{4,5} , Brian Cleary ^{1,3}
PG2+ P5	The Impact of Sialic Acid on the Anti-Inflammatory Properties of Alpha-1 Antitrypsin	Danielle M. Dunlea ¹ , Oliver J. McElvaney ¹ , Noreen Lacey ¹ , Michelle M. White ¹ , Brian Marsh ² , Cormac McCarthy ¹ , Padraig Hawkins ¹ , Emer P. Reeves ¹ and Noel. G McElvaney ¹
PG2+ P6	5FU-based Chemotherapy and TNF sensitized Ex Vivo Colorectal Cancer Explant Cultures to IAP Antagonist Birinapant Treatment	Mariangela Meyer ^{1,2} , Joanna Fay ³ , Orna Bacon ^{1,2} , Elaine W. Kay ³ , Deborah A. McNamara ⁴ , Daniel B. Longley ⁵ , Markus Rehm ^{1,2,6} , Jochen H.M. Prehn ^{1,2}
PG2+ P7	Epigenetic modulators for the treatment of invasive lobular carcinoma breast cancer	Louise Walsh ¹ , Bruce Moran ² , Sudipto Das ¹ , Finbarr Tarrant ² , Philip Schouten ³ , Suet-Feung Chin ⁴ , Rene Bernards ³ , Carlos Caldas ⁴ , William Gallagher ² , Triona Ní Chonghaile ⁵ , Darran O'Connor ¹
PG2+ P8	Thermoresponsive hydrogels: application of a novel drug delivery platform for interventional oncology procedures.	Seóna M. Rossi ^{1,2} , Timothy E. Murray ³ , Garry P. Duffy ² , Michael J. Lee ³ , Helena M. Kelly ^{1,2} .
PG2+ P9	Functional genomic screening identifies USP11 as a novel regulator of ER transcription in breast cancer	Lisa Dwane ¹ , Aisling E. O'Connor ² , Laoighse Mulrane ² , Annette M. Dirac ³ , Karin Jirstrom ⁴ , Rene Bernards ³ , William M. Gallagher ² , Triona Ní Chonghaile ⁵ , Darran P. O'Connor ¹
PG2+ P10	Formulation of a functionalised biomaterial to support cell viability for the treatment of diabetes mellitus.	Liam McDonough ^{1,2} , Rita Ibañez ² , Eimear Dolan ^{1,2,3} , Brenton Cavanagh ⁴ , Garry P. Duffy ² , Helena Kelly ^{1,2}
PG2+ P11	Donor and Recipient Shared Genetic Ancestry to Predict Medium Term Renal Transplant Outcome	Caragh P. Stapleton ¹ , Patrick B. Mark ² , Paul J. Phelan ³ , Alan Jardine ² , Jamie Traynor ² , Peter J. Conlon ⁴ and Gianpiero L. Cavalleri ¹
PG2+ P12	Genomic analysis of alterations in locally advanced rectal cancer and association with response to neoadjuvant chemoradiotherapy	Aoife Carr ¹ , Simon Furney ² , Joanna Fay ³ , Scott Piraino ² , Elaine W. Kay ³ , Brian O'Neill ⁴ , Bryan T. Hennessy ^{1*} , Sinead Toomey ^{1*}
PG2+ P13	Examining the process and impact of risk stratification using a community virtual ward model to manage older persons complex care needs'	Clare Lewis ¹ , Declan Patton ² , Linda Nugent ³
PG2+ P14	Gene Activated Scaffolds for Tissue Engineering Applications Using a Dendrimer Nano-carrier	David Walsh ¹⁻⁴ , Andreas Heise ^{3,5} , Fergal O'Brien ¹⁻⁴ , Sally-Ann Cryan ¹⁻⁴
PG2+ P15	Genomic Insights into the Population Structure and History of the Irish Travellers.	Edmund Gilbert ¹ , Shai Carmi ² , Sean Ennis ³ , Jim F. Wilson ⁴ , Gianpiero L. Cavalleri ¹
PG2+ P16	Synthesis and characterization of micelles for drug delivery based on hydrophilic-thermoresponsive-hydrophobic triblock copolymers	Elena Bobbi ¹ , Andreas Heise ¹
PG2+ P17	A temperature responsive hydrogel for delivery of all-trans Retinoic Acid and stem cells to the distal airways for pulmonary regeneration applications	Christina Payne ^{1,2} , Sally-Ann Cryan ^{1,2,3,4} , Helena M. Kelly ^{1,2}
PG2+ P18	Substrate stiffness dictates macrophage polarization and their cross-talk with mesenchymal stem cells: implications for biomaterial design	Rukmani Sridharan ^{1,2,3} , Andrew .R.Cameron ^{1,2,3} , Daniel.J.Kelly ^{1,2,3} , Fergal J.O'Brien ^{1,2,3}
PG2+ P19	Advanced biomaterials for peripheral nerve repair: Delivering therapeutic genes or recombinant neurotrophic factors	William A. Lackington ^{1,2,3} , Rosanne M. Raftery ^{1,2,3} , Tijna Alekseeva ^{1,2,3} , Fergal J. O'Brien ^{1,2,3}

Number	Title	Author
PG2+ P20	Secondary prevention and cognitive function after stroke: Study protocol for a five-year follow-up of the ASPIRE-S cohort	Daniela Rohde ¹ , David Williams ² , Eva Gaynor ³ , Kathleen Bennett ¹ , Eamon Dolan ⁴ , Elizabeth Callaly ⁵ , Margaret Large ⁶ , Anne Hickey ¹
PG2+ P21	Design and Development of Novel Dual-Threat Metal Chemotherapeutics	Reece G. Kenny ¹ , Celine J. Marmion ¹
PG2+ P22	The binding of VWF augments macrophage TLR (2/4) signalling – an emerging role for VWF in mac biology and vascular haemostasis.	Clive Drakeford ¹ , Frederick J Sheedy ¹ , Alain Chion ² , Soracha Ward ^{1,2} , Jamie O'Sullivan ² , Sonia Aguila ² , James O'Donnell ²
PG2+ P23	Tumour-associated cytokines impact the formation and development of breast microcalcifications in an <i>in-vitro</i> model	Shane O'Grady ¹ , Maria P. Morgan ¹
PG2+ P24	JAM-A as a novel upstream regulator of Receptor Tyrosine Kinase signalling in breast cancer	Rodrigo G B Cruz ¹ , Nadine Almadani ¹ , Ann M Hopkins ¹ .
PG2+ P25	Abstract Withheld	Aglecia M. V. Budri ¹ , Zena Moore ² , Declan Patton ² , Tom O'Connor ² .
PG2+ P26	Provision of Smoking Cessation Care in a Psychiatric Setting in Ireland	Annette Burns ¹ , James V. Lucey ² , Judith D. Strawbridge ³ , Luke Clancy ⁴ , Frank Doyle ¹
PG2+ P27	A Process Evaluation of HSE Tobacco Free Campus Policy and a Low Literacy Smoking Cessation Programme in Adult Community Mental Health Day Services	Annette Burns ¹ , Margaret Webb ² , HSE-EVE ² , Greg Stynes ² , Tom O'Brien ² , Judith D Strawbridge ³ , Luke Clancy ⁴ , Frank Doyle ¹
PG2+ P28	Mesoporous Silica Nanoparticles as Multifunctional Nanodevices for the Codelivery of chemotherapeutics/miRNA in Neuroblastoma Cells	Santiago Sánchez-Cabezas, ¹ Ciara Fallon, ² Olga Piskareva, ² Ramón Martínez-Mañez, ^{1,3} and Eduardo Ruiz-Hernández. ^{4,5}
PG2+ P29	Interrogation of Regorafenib Effects on Colorectal Cancer Molecular Subtypes Implementing Contrast Enhanced Ultrasound (CEUS)	Adam Lafferty ^{1*} , Alice C. O'Farrell ^{1*} , Ian S. Miller ¹ and Annette T. Byrne ¹
PG2+ P30	Abstract Withheld	Cervantes-Silva Mariana Patricia ^{1,2} , Annie M Curtis ² , Sánchez-García Francisco Javier ¹
PG2+ P31	The purinergic P2Y1 receptor as a new candidate for the treatment of status epilepticus and prevention of seizure-induced brain damage	Mariana Alves ¹ , Amaya Sanz-Rodriguez ¹ , Elena Langa ¹ , David C.Henshall ¹ , Tobias Engel ¹
PG2+ P32	Intra-tumour Heterogeneity in Treatment Resistant Breast Cancer	Karen Crowley ¹ , Sara Charmsaz ¹ , Damir Vareslija ¹ , Sinead Cocchiglia ¹ , Arnold Hill ² , Leonie Young ¹
PG2+ P33	Macrolactone-derived polyesters: Alternative materials in electrospun fibres for biomedical applications.	Fernando C. S. de Oliveira ¹ , Andreas Heise ¹
PG2+ P34	Abstract Withheld	Elizabeth Brindley ¹ , Mairead Diviney ¹ , Gary P Brennan ¹ , Asia Batool ¹ , Caroline Sheedy ¹ , Yan Yan ² , Morten T. Venø ² , Jørgen Kjems ² , David C Henshall ¹
PG2+ P35	A role for coagulase-negative staphylococci in the evolution of antimicrobial resistance in <i>S. aureus</i> ; messages from the healthy human nares in the absence of antibiotic selective pressure	Paulo Eduardo Budri ¹ , Rebecca English ¹ Anna C. Shore ² , David C. Coleman ² , Hilary Humphreys ¹ , Deirdre Fitzgerald-Hughes ¹
PG2+ P36	Whole genome sequencing of two indigenous high altitude populations identifies adaptive genetic variants for survival in a hypobaric hypoxic environment	Amy Cole ¹ , Ryan Bohlender ² , Hao Hu ² , Yao Yu ² , Erica Heinrich ³ , Cecilia Ramirez ⁴ , Frank Powell ³ , Eduardo Gao ⁵ , Francisco Villafuerte ⁴ , Chad Huff ² , Tatum Simonson ³ , Gianpiero Cavalleri ¹
PG2+ P37	Elucidating the Role of the Asialoglycoprotein Receptor in the Clearance of Von Willebrand Factor <i>in vivo</i>	Soracha E. Ward ^{1,2} , Jamie M. O' Sullivan ^{1,2} , Clive Drakeford ^{1,2} , Alain Chion ^{1,2} and James S. O' Donnell ^{1,2}
PG2+ P38	The Development of Non-Conventional Metal-Based Complexes: Trackable Pt-Drugs as anticancer agents	Eolann Kitteringham ¹ , Dan Wu ¹ , Donal F. O'Shea ¹ , Darren M. Griffith ¹
PG2+ P39	Development of novel double network hydrogels for application in therapeutic delivery	Shona O'Brien ¹ , Andreas Heise ¹
PG2+ P40	Molecular patterns underlying TRAIL sensitization by IAP antagonists in Glioblastoma Multiforme.	Franklin Lincoln ¹ , Brona Murphy ¹ , Markus Rehm ¹
PG2+ P41	miR330 Governed Dysregulation of the Vascular Endothelial Barrier During Sepsis	Rebecca L. Watkin ^{1,3} , Olga Piskareva ² , Sudipto Das ³ , Raymond L. Stallings ² , Steve W. Kerrigan ^{1,3}

Number	Title	Author
PG2+ P42	The Alcohol Interactive Medicines (AIM) Delphi Study: validating potentially serious alcohol-medication interactions in older adults	Ms. Alice Holton ¹ , Dr. Cristín Ryan ¹ , Prof. Paul Gallagher ¹ , Prof. Tom Fahey ² & Dr. Gráinne Cousins ¹
PG2+ P43	Development of Functionalised Hydrogels to Enhance Stem Cell Delivery and Integration into the Ischaemic Myocardium	Laura B. Gallagher ^{1,2,3} , Eimear B. Dolan ^{1,6} , Brenton L. Cavanagh ⁵ , Janice O'Sullivan ^{1,2,3} , Hugh S. O'Neill ^{1,2,3} , Thomas Farrell ³ , Fergal J. O'Brien ^{1,2,3,4} , Garry P. Duffy ^{1,2,3,4} .
PG2+ P44	Neonatal Sepsis development: The Platelet-endothelial cells tango	Unwana Emagha ¹ , Luke Hughes ¹ , Mary Meehan ² , Steve Kerrigan ¹
PG2+ P45	Pt Anticancer Compounds; Targeting HSP70-1	Aoife McKeon ¹ , Janis Noonan ² , Marc Devocelle ¹ , Brona Murphy ² , Darren Griffith ¹
PG2+ P46	3D Printing Hydrogels for Biomedical Applications: Assembly of open source printer and optimisation of parameters for micron scale resolution scaffold printing	Patricia Monks ¹ , Dermot Brougham ² , Andreas Heise ¹
PG2+ P47	Abstract Withheld	Cervantes-Silva Mariana Patricia ^{1, 2} , Annie M Curtis ² , Sánchez-García Francisco Javier ¹

Undergraduate Research

Number	Title	Author
Oral Presentations:		
UG O1	Are overweight children at increased risk of mental health problems later on?—A longitudinal study	Patrick A Williams ¹ , Mary Cannon ¹ , Mary C Clarke ^{1,2}
UG O2	Improving surgical antibiotic prophylaxis for surgical site infection prevention	Oisín Conaty ¹ , Leah Gaughan ² , Colum Downey ³ , Yvonne Downey ⁴ , Noreen Carolan ³ , Fidelma Fitzpatrick ⁵ .
UG O3	The effect of air pollution and respiratory viruses on adverse events in severe asthma patients (INCA-1 Trial)	Mr James Charles Sheil ¹ , Dr Isabelle Killane ¹ PhD, Mrs Elaine MacHale ¹ MSc, Prof Richard W Costello ¹
UG O4	Evaluation of a microparticle-doped collagen-based scaffold designed for diabetic wound healing	Renuka Sitram ¹ , Syama S. Gollapalli ¹ , Fergal J. O'Brien ^{1,2} , Cathal J. Kearney ^{1,2}
UG O5	Sanger Confirmation of Suspected Epilepsy-Related Pathogenic Variants Identified Through Next-Generation Sequencing.	Jack Donohue ¹ , Mark McCormack ² , Norman Delanty ³ and Gianpiero L Cavalleri ² .
UG O6	Predicted targets of miR-124a regulate genes of apoptosis, integrin and p53 pathways in neuroblastoma.	Rachel O'Brien ¹ , John Nolan ¹ , Raymond Stallings ¹ , Olga Piskareva ¹
Poster Presentations:		
UG P1	The impact of early adolescent psychotic-like experience on mid adolescent psychological wellbeing; A Longitudinal Study	Aoife Adelaide Gordon ¹ , Colm Healy ¹ , Mary Cannon ¹
UG P2	Abstract Withheld	Jessica Suddaby ^{1,2} , Steve Seedhouse ¹ , Barbara Foster ¹
UG P3	Investigation of miR-143-5p as a regulator of CFTR expression	Sucharita K. Gadi ¹ , Chiara De Santi ¹ , Catherine M. Greene ¹
UG P4	Examining the association between overweight and later mental health problems in Irish children	Patrick A. Williams ¹ , Mary Cannon ¹ , Mary C. Clarke ^{1,2}
UG P5	Investigation into the impact of Androstenedione on ER-beta protein expression in Hormone dependent and independent breast cancer	Ahmed Al-Aloosi ¹ , Laura Creevy ¹ , Rachel Bleach ¹ , Marie McIlroy ¹
UG P6	Analysing the expression of HNF transcription factors in two mouse models of ALS.	Martin Crivello Garcia ¹ , Jochen H. Prehn ¹ , Bobmanuel C. Alex ²
UG P7	Stability Profiling of Bosentan Liquid Formulation	Nicola Gray ¹ , Fiona O'Brien ¹
UG P8	Outcome of mother and neonates with rhesus and other blood group antibodies	Laure Experton ¹ , Colin Kirkham ² , Cathy Monteith ² , Deirdre Murphy ² , Mary Holohan ² , Jennifer C. Donnelly ²
UG P9	Colorectal cancer increases the thrombogenicity of platelets	Louis Richter ^{1,2} , Jonathan Cowman ^{2,3} , Eimear Dunne ^{2,3} , Dermot Kenny ^{2,3}
UG P10	Characterisation of the P2X7 receptor, a potential anti-epileptic drug target, in a transgenic mouse model.	Claudia Condon ¹ , Marianna Alves ² , Yasmina Hernández ² , Tobias Engel ²
UG P11	To Identify the Impact of Fatigue in a Mixed Neurosurgical Population.	Hannah Walsh ¹ , Kareena Malone ² , Fiona Kinsella ³ , Dr Dara Meldrum ⁴ .
UG P12	“Don’t Drop the Baby” Recruiting for the Maternal Lifestyle and Behaviour Change Intervention Study in the Coombe Women and Infants University Hospital, Dublin- lessons learnt	Divya Gautam ¹ , Jonathan Lim ² , Cherisse Littrean ³ , Daniel Loong ⁴ , Dr Regien Biesma ⁵ , Dr Georsan Caruth ⁶
UG P13	USP11 – A New Approach in Treating Breast Cancer.	Vivien Tan ¹ , Lisa Dwane ² , Darran O'Connor ³
UG P14	Green Campus Baseline Report - Biodiversity	Jin Ji Lim ¹ , Ahmed Sameer Zainy ² , Leena Waqar Ahmad ² , Professor Brendan Kavanagh ³ , Mr Eric Clarke ⁴
UG P15	General practitioners' perceptions and experiences of benzodiazepine prescribing: a scoping review of qualitative literature	Seán FitzGerald ¹ , Cristín Ryan ¹ , Cathal Cadogan ¹
UG P16	Hormonal Therapy Medication Taking Behavior and Health Related Quality of Life In Women With Stage I to III Breast Cancer In Ireland	Ang Bee Hong ¹ , Kathleen Bennett ¹ , Stephan U Dombrowski ² , Linda Sharp ³ and Caitriona Cahir ¹
UG P17	Hormonal Therapy Medication Taking Behavior (MTB) and Side-effects in Women with Stage I to III Breast Cancer in Ireland	Nicole Fong Wan June ¹ , Kathleen Bennett ¹ , Stephan U Dombrowski ² , Linda Sharp ³ and Caitriona Cahir ¹ .

Number	Title	Author
UG P18	Development of miRNA therapeutics for cartilage repair using collagen-based scaffolds.	Viren Manshani ¹ , Irene Mencía Castaño ^{1,2,3} , Caroline M. Curtin ^{1,2,3} , Fergal J. O'Brien ^{1,2,3}
UG P19	Emergency Department Full Capacity protocol analysis: A study into patient perspectives on being a boarded patient in the Emergency Department or admitted to an extra bed on the ward.	Hugh McGowan ¹ , Krystal Gopeesingha ¹ , Patrick O'Kelly ² , Peadar Gilligan ³
UG P20	Introducing a multidisciplinary frailty intervention treatment team (FITT) for the elderly in the emergency department (ED) at Beaumont hospital – A prospective cohort study	Simon Galligan ¹ , Kieron Connolly ¹ , Ciaran Donegan ² , Ciara O'Reilly ³ , Fiona Keogan ³ , Paul Maloney ⁴ , Mary Walsh ¹ , Frances Horgan ¹
UG P21	Best Practice in Arthroscopic Rotator Cuff Repair - A Systematic Review of Overlapping Meta-Analyses	Eoghan T. Hurley ¹ , Andrew B. Maye ¹ , Frank G. Lyons ¹ , Hannan Mullett ^{1,2}
UG P22	Examining Effects of Feedback from Inhaler Compliance Assessment Device (INCA) in Asthma and COPD	Mashari Alghuroba ¹ , Isabelle Killane ² , Richard Costello ³
UG P23	Fetal Rhesus D genotyping for targeted antenatal Anti-D prophylaxis	Grace Madigan ¹ , Deirdre Murphy ² , Fionnuala Ní Áinle ² , Mark Lambert ³ , Sorcha Ni Loingsigh ³ , Jennifer Donnelly ⁴
UG P24	Shark derived aminosterol squalamine- at the interface between coronavirus and host cell.	Lydia Fortune ¹ , Mihayl Varbanov ² , Carole Gardiennet ³ , Axel Gansmuller ⁴ , Sam Maher ⁵
UG P25	Abstract Withheld	C. C Egan ¹ , T. E Taylor ² , R.W Costello ^{1,3}
UG P26	Introducing a multidisciplinary frailty intervention treatment team (FITT) for the elderly in the emergency department (ED) at Beaumont hospital – A retrospective review	Kieron Connolly ¹ , Simon Galligan ¹ , Ciaran Donegan ² , Ciara O'Reilly ³ , Fiona Keogan ³ , Paul Maloney ⁴ , Mary Walsh ¹ , Frances Horgan ¹ .
UG P27	Assessing how a novel histone deacetylase 6 (HDAC 6) inhibitor kills chemoresistant cancer cells.	Sian Won Tan ¹ , Candice Fraser ¹ , Dr. Triona Ní Chonghaile ¹
UG P28	Evaluating Patient Perception of Quality of Care in COPD	Philippa Mac Hale ¹ , Breda Cushen ¹ , Richard W. Costello ¹
UG P29	Pre-Test Counselling – An Essential Part of Antenatal Screening for Fetal Aneuploidy in an Era of Expanded Testing Choices	Ciara Malone ¹ , Lisa McSweeney ² , Elizabeth Tully ² , Fergal Malone ²
UG P30	HVCN-1; the proton channel with a role in neutrophil degranulation	Clare Foley ¹ , Michelle M. White ¹ , Niall Browne ¹ , Noel G. McElvaney ¹ and Emer P. Reeves ¹
UG P31	Alpha-1 antitrypsin deficiency and rheumatoid arthritis: Is there a link?	Deborah Cardiff ¹ , David Hunt ¹ , Noel G. McElvaney ¹ , Emer Reeves ¹
UG P32	The evaluation of the neutrophil elastase inhibitory capacity of NEI1 and two reference compounds, NEI2 and NEI3, in inflammatory lung disease.	Elizabeth McGee ¹ , Gillian M. Lavelle ¹ , Emer P. Reeves ¹ , Noel G. McElvaney ¹ .
UG P33	Evaluating the role of aging in the osteogenic potential of mesenchymal stromal cells in response to biochemical and biophysical cues.	Deirdre Harford ¹ , Arlyng Gonzalez Vazquez ² , Fergal J O'Brien ³ .
UG P34	To examine the efficacy and safety of insulin pump therapy in type 1 diabetes mellitus (T1DM) in a longitudinal retrospective study in Mater University Hospital Dublin.	Safari Aketch ¹ , Alexa Resler ¹ , Siobhan Bacon ² , Jochen Prehn ¹ , Maria Byrne ²
UG P35	Surgical adverse events in Irish hospitals based on the Irish National Adverse Events Study (INAES): a retrospective record review study	Joseph J.M. Gerald ¹ , Ronan Conroy ² , Ronan Finn ¹ , Anne Hickey ⁴ , David Williams ³ , Natasha Rafter ²
UG P36	Accelerometric Data Processing to Estimate Physical Activity in Obese Adolescents	Orla Doolin ¹ , Prof Marie Guidon ¹ , Dr Grace O'Malley ²
UG P37	Does treatment of HCV infec2on result in lower costs of care?	Niamh Connolly ¹ , Emma Gray ² , Aisling O' Leary ³
UG P38	The effect of a novel read-through Agent, PTC124 (Ataluren) on the Null (Q0-Bolton) Mutation in AAT Deficiency.	Erica O'Sullivan ¹ , Paul J. McKiernan ² , Emer P. Reeves ³ , Noel G. McElvaney ⁴ .
UG P39	Enantioselective Phase Transfer Catalysed preparation of 4,5,6-trisubstituted Pyranones	Nadeen Maloudi ¹ , Carlo Bottinelli ¹ , Dario Destro ¹ , Mauro F.A Adamo ¹
UG P40	The Role of miR-204 in Drug Resistant Neuroblastoma	Jessica Tate ¹ , John Nolan ¹ , Raymond L. Stallings ¹ , Olga Piskareva ¹
UG P41	Multi-Targeted Platinum (IV) Prodrugs: Current Status and Future Perspectives.	Alanna Crawford ¹ , Reece Kenny ² , Celine J. Marmion ³
UG P42	How does culture impact trust in the patient-doctor relationship?	Malak Al Qubaisi ¹ , Marie O'Shea ¹ , Ludmila Marciniowicz ² , Jane Uygur ³ , Lorna Flannery ⁴ , Teresa Pawlikowska ¹ .

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UG P43	Physicochemical characterisation of All-Trans-Retinoic-Acid Solid Lipid Nanoparticles and assessment of anti-inflammatory activity in a human lung cell line	Jessica Millar ¹ , Christina Payne ^{1,2} , Helena Kelly ^{1,2} .
UG P44	The Impact of Early Life Stress on Psychological Symptoms in Young Irish Adolescents.	Dearbhail Ni Cathain ^{1,2} , Mary Cannon ¹ , Mary Clarke ^{1,2} .
UG P45	Validation of a Motion Capture System.	Neal Dawson ¹ ,Dara Meldrum ¹ , Frederick Wetterling ² , Susan Giblin ² , Mark McGroaty ² .
UG P46	Audit of adherence to acute and chronic medical management guidelines in COPD.	Eoin Cleere ¹ , Breda Cushen ² , Abir Alsaid ² , Philippa MacHale ¹ , Lorraine Tompkins ² , Richard Costello ²
UG P47	Injury Incidence among Aerial Dance Performers in Ireland: a Prospective Cohort Study	Eleanor Creighton ¹ , Stephen O'Rourke ² and Louise Keating ¹ .
UG P48	Balance, Gait and Dizziness in Adult Patients post Cochlear Implant	James Garvan ¹ , Dr.Dara Meldrum ² , Dr.Deirdre Murray ³
UG P49	Occurrence of Central Sensitisation and Neuropathic Pain in Osteoarthritis	O'Grady A ¹ , French HP ¹ , O'Donoghue C ² , Reid, A ²
UG P50	The Purinergic P2Y1 Receptor As Novel Treatment Target In Epilepsy	Ilina F. Sjariffudin ¹ , Mariana Alves ² , Yasmina Hernandez ² , Tobias Engel ²
UG P51	Dead end in treating resistant breast cancer? Using Fulvestrant to overcome tamoxifen resistance in ER-positive breast cancer cells	Charmi Dholakia ¹ , Damir Vareslija ² , Siobhan P. Purcell ² , Arnold Hill ² , Leonie Young ²
UG P52	Assessing Cytotoxic and Antiviral Properties of the crude extract of <i>Curvularia papendorffii</i>	Haritha Jacob ¹ , Dr. Mihayl Varbanov ² , Dr. Rosella Spina ³
UG P53	In Vitro Assessment of Oxygenated Hydrogels for Pancreatic Islet Transplant	Eamon Harrigan ¹ , Liam McDonough ¹ , Dr. Eimear Dolan ¹ , Dr. Liam Burke ¹ , Dr. Helena Kelly ¹ , Dr. Garry Duffy ¹
UG P54	RCSI's Green Campus Project	Ahmed Leena ¹ , Lim Jin Ji ¹ , Zainy Ahmed ¹ , Clarke Eric ¹ , Kavanagh Brendan ¹
UG P55	Effectiveness of university-based primary prevention programmes for sexual violence perpetration: A systematic review protocol	Mary Tien-Yi Wang ¹ , Caroline Kelleher ²
UG P56	Pharmacogenomic analysis of on/ off target adverse drug reactions in epilepsy	Sowmya Sharma ¹ , Mark McCormack ¹ , Graeme Sills ² , Sanjay Sisodiya ³ , Norman Delanty ¹ , Gianpiero L. Cavalleri ¹ on behalf the EpiPGX Consortium
UG P57	Audit to Assess the Compliance of Systemic Antifungal Prescribing in Adults with Hampshire Hospitals NHS Foundation Trust (HHFT) Guidelines 2016.	Sara Tierney ¹ , Taryn Kayser ²
UG P58	A Systematic Review of the Measurement Properties of Tests of Postural Control in Knee Osteoarthritis (OA)	Venencie Anne ¹ , Dara Meldrum ¹ , Charlotte Hager ² , Ryan Fagan ³ , Helen P. French ¹ .
UG P59	Methods of Pressure Ulcer Risk Assessment	Tan Hoong Yunn ¹ , Declan Patton ² , Jane Burns ²
UG P60	Medical Student's Attitude towards Public Health and Epidemiology	Michelle Tang ² , Regien Biesma ¹ , Siti Shuhada ² , Natasha Rafter ¹
UG P61	Retrospective Record Review of Healthcare Associated Infections from the Irish National Adverse Events Study (INAES).	Finn R, Conroy R ¹ , Gerald JM, Hickey A ² , Williams D ¹ , Rafter N ¹
UG P62	Systematic review of barriers to provision of smoking cessation intervention in hospital in-patient setting	Ali Alsahlane ¹ , David Horan ¹ , Tom Sharpe ¹ , Frank Doyle ²
UG P63	Accuracy of IV Infusions at Low Flow Rates in Preterm Neonates	Etain Kelly ¹ , Dr. Fiona O'Brien ¹ , Prof Brian Cleary ²
UG P64	An LGI1 mimetic as a therapeutic for breast cancer	Shin Loong Soong ¹ , Ben Doherty ¹ , Prof. Leonie Young ¹ .
UG P65	Abstract Withheld	Ahmed Alsaffar ¹ , James Barlow ²
UG P66	Assessing the impact of complex multimorbidity on adverse health outcomes in older community-dwelling people	Lisa Freyne ¹ Professor Susan Smith ² Dr Emma Wallace ²
UG P67	The Effects on Pain and Function of a 6 week Stretching Programme for Children with Osgood Schlatter Disease.	Lauren Fenton ¹ Cliona Blake ² Louise Keating ¹
UG P68	Silencing of IκB-kinase (IKK) signalosome and NF-κB proteins in neuronal cells suggest negative feedback regulation of ankyrin-G levels in the axon initial segment through NF-κB signalling	Mohammaed M. Ameen ¹ & Hans-Georg Koenig ^{1,2}

Number	Title	Author
UG P69	The Natural History of Prenatally Diagnosed Fetal Aneuploidy; A Ten Year Retrospective Case Series in a Large Tertiary Referral Centre.	Hannah Dunne ¹ , Karen Flood ² .
UG P70	Development of Validated HPLC method for Quantification of Misoprostol	Haritha Jacob ¹ , Dr. Fiona O'Brien ¹
UG P71	Evaluation of over-encapsulation and overfilling on the quality and drug release properties of a double-blinded clinical trial product for the treatment of cellulitis.	Gráinne O'Reilly ¹ , John Hayden ¹ , Zebunnissa Ramtoola ¹
UG P72	MLH1 methylation analysis in hereditary and sporadic colorectal cancer	Tony Ogrady ¹ , Robert Cummins ² , Mohammed Farhan ³
UG P73	Impact of Toxicology Testing on Patient Management	Terry Jun Kai Tan ¹ , Seamus Sreenan ² , Joseph McKeever ³ , William Tormey ⁴ , John H McDermott ²
UG P74	Enantioselective Phase Transfer Catalysed preparation of 4,5,6-trisubstituted Pyranones	Nadeen Maloudi ¹ , Carlo Bottinelli ¹ , Dario Destro ¹ , Mauro F.A Adamo ¹
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UG P84	Evaluation of a microparticle-doped collagen-based scaffold designed for diabetic wound healing.	Renuka Sitram ¹ , Syama Sundar Gollapalli ² , Dr. Cathal Kearney ³
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