



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

Discipline of Medical Gerontology
School of Medicine

Postgraduate Research Day 2024

Thursday 25th April, Stanley Quek Hall

Trinity Biomedical Sciences Institute, 152-160 Pearse Street, Dublin 2



PGR day 2024 steering committee: Prof. Nollaig Bourke, Dr. Eimear Connolly,
Ms. Siobhan Hedigan and Prof. Roman Romero-Ortuno.

Contact: Ms Siobhan Hedigan, Executive Officer, Discipline of Medical Gerontology, hedigans@tcd.ie

Programme

Time	Presenter	Title
09:00-09:30	Arrivals & registration	
09:30-09:45	Profs. Roman Romero-Ortuno & Nollaig Bourke	Welcome and overview of Postgraduate Research supports
Session 1		Judges: Prof. Romero-Ortuno, Prof. Giulia Cavrini & Ms Bridget Gavin
09:45-11:00	Caoimhe McGarvey	Applying the 2023 ESH Hypertension Guidelines in the Irish Longitudinal study on Ageing (TILDA)
	Helena Dolphin	VINCI-AD: an investigation of transcutaneous vagus nerve stimulation in mild cognitive impairment due to Alzheimer's disease
	Kate Doyle	The effect of fludrocortisone and midodrine on blood pressure
	Louise Newman	Orthostatic cerebral oxygenation in those with coexistent supine hypertension and orthostatic hypotension: findings from the Irish Longitudinal Study on Ageing (TILDA)
	Matt McElheron	A multi-cohort lifecourse approach identifies a novel epigenetic biomarker of frailty that is prognostic of healthspan and lifespan
	Conor Reddy	Getting under the skin: how socioeconomic position and psychosocial stress affects ageing and immune function
	Adam Dyer	Are blood-based markers of Alzheimer disease ready for routine clinical use in older adults? (recorded video)
11:00-11:15	Isabella Batten	My PhD Journey (recorded video)
11:15-11:30		Tea/Coffee break
Session 2		Judges: Prof. Nollaig Bourke, Prof. Giulia Cavrini & Ms Bridget Gavin
11:30-12:30	Caitríona Quinn	Orthostatic hypotension and gait in older adults
	Toni Mockler	Relationship between modifiable lifestyle factors and accelerometry-based motion capture analysis during an active stand in older adults
	Eoin Duggan	Sarcopenia and orthostatic haemodynamics
	Tom Melvin	Models of regulatory development for medical devices in Europe (recorded video)
	Paul Claffey	Symptomatic and asymptomatic hypotension - the role of cerebral hypoperfusion
	Laura Morrison	ENBIND: exploring novel biomarkers of brain health in midlife type 2 diabetes
12:30-13:00	Professor Sinéad Ryan	Dean of Research Keynote Address - Introduction by Regius Prof. Rose Anne Kenny, Ageing Theme Champion
13:00-13:45		Lunch

Session 3		Judges: Prof. Cathal McCrory, Prof. Giulia Cavrini & Ms Bridget Gavin
13:45-15:15	Tim Dukelow	Awareness of brain health behaviours: results from the Five Lives Brain Health Ireland Survey
	Robert Bourke	A feasibility study of implantable loop recorder monitoring capacity in older fallers
	Donal Fitzpatrick	Proton pump inhibitors associated with increased bone turnover markers: results from the TUDA study
	Adam Roche	SENSE-Cog Lewy – Investigating sensory function and its relationships with cognitive and non-cognitive symptoms, care partner burden and quality of life in dementia with Lewy bodies
	Colm Mac Eochagain	Oncogeriatrics
	Desmond O'Donnell	The association between psychotropic medications use and orthostatic hypotension & gait abnormalities in community dwelling older people: data from TILDA
	Aoife Mcfeely	Frailty identification and trajectory in an ageing population with intellectual disability
	Lucy Chapman	A retrospective review of in-hospital stroke in Irish acute hospitals
	Síofra Hearne	Cognitive dysfunction in older adults with cancer
Session 4	3-minute blitz for new PGR registrants	
15:15-15:45	Naomi Davey	The STRIDES (Standardising Technology for Rapid and Innovative Digital AI Evaluation of gait Speed) Study: investigating the utilisation of gait speed
	Patrick Doyle	The impact of an Irish public awareness campaign on stroke symptom awareness
	Eimear Connolly	Exploring the delivery of brain health interventions within a memory clinic setting
	Sara Solis	Characteristics and presentation of orthostatic hypertension in community-dwelling older adults
	Mina Alemam	Predictors of mild cognitive impairment progression to dementia in Alzheimer's disease
	Jordy Smith	Investigating the role of ELOVL2 expression in ANCA-associated vasculitis
15:45-16:00	Patrick O'Donoghue	My MD journey
16:00-16:30	Prof. Roman Romero-Ortuno & Ms Siobhan Hedigan	<p>Closing remarks and announcement of prize winners:</p> <ul style="list-style-type: none"> • Best presentation at sessions 1, 2 and 3 • Commended for <i>Scientific Communication, Discovery/Impact, and Relevance for Patient Care</i>