



University College Dublin (UCD) is the largest university in Ireland, and the School of Medicine and Medical Sciences (SMMS) is also the country's largest medical school. Together with two of Ireland's leading tertiary level acute hospitals (the Mater Misericordiae University Hospital and Saint Vincent's University Hospital), UCD SMMS is a central component of the Dublin Academic Medical Centre, which is Ireland's first academic medical centre. The biomedical research infrastructure of UCD includes the Conway Institute of Biomolecular and Biomedical Research, and the UCD Clinical Research Centre, which has facilities (including biobanks) at both teaching hospitals. UCD investigators are involved in biomarker research across the translational continuum of discovery, validation, and utilisation. Prof. Murray and collaborators in the Clinical Research Centre and acute hospitals are conducting several clinical-translational studies to discover, validate, and utilise biomarkers of kidney injury and cardiovascular disease in patients with a variety of high risk conditions including decompensated heart failure, acute and chronic coronary syndromes, cardiac surgery, critical illness, and cancer chemotherapy.

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