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Prof. Andrew Gennery

Andrew Gennery is a Professor in Paediatric Immunology and Haematopoietic Stem Cell Transplantation at the University of Newcastle upon Tyne and Honorary Consultant for the Northern Supra-Regional Bone Marrow Transplant Unit for SCID and related disorders, at the Great North Children's Hospital, Newcastle upon Tyne, clinically qualified and active. He spent a year of post-doctoral studies working with Anne Durandy and Alain Fischer in the Necker Hospital in Paris and was involved in the discovery of Cytidine Deaminase one of the first genes to be discovered involved in class switch recombination and somatic hypermutation.

He has been a consultant in Newcastle for 21 years. He has pioneered paediatric immunology research at the university. Andrew's research interests include immunoreconstitution following haematopoietic stem cell transplant for primary immunodeficiency, long-term outcomes of transplantation for primary immunodeficiency (and in particular Chronic Granulomatous Disease and Severe Combined Immunodeficiency), DNA repair disorders and their appropriate treatment and Di George Syndrome. More recently, Andrew has adapted new methods of T cell depletion for patients with primary immunodeficiency, and established extracorporeal photopheresis for the treatment of children with graft versus host disease. He has discovered important mechanistic insights relating to the action of extracorporeal photopheresis. He is exploring the use of defibrotide for treatment of non-VOD endothelial cell activation disorders post-HSCT.