



Garvan Institute of Medical Research

Leaders in Science & Society



Professor Stephen Nutt

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The Walter & Eliza Hall Institute of Medical Research

“Cell Fate Decisions in the Immune System”

Monday 22 June 2015 12PM, AUDITORIUM

HOST: A/PROF STUART TANGYE

Stephen Nutt completed his PhD research at the Research Institute of Molecular Pathology, Vienna Austria, where identified the key role played by Pax5 in B cell lineage commitment. In 2001, following post-doctoral training at the University of Cambridge, he established his own laboratory at the Walter and Eliza Hall Institute in Melbourne as the inaugural Metcalf Fellow. In 2011 he was appointed head of the Molecular Immunology Division at the WEHI and is currently a NHMRC Principal Research Fellow.

Throughout his career the cell fate determination process has intrigued Dr Nutt and particularly how a select group of transcription factors act as the master regulators of lineage commitment and cellular differentiation. Dr Nutt has made some of the most important findings in this field, including defining the roles of Pax5 and Blimp1 in B cell and plasma cell commitment, respectively. These studies have made a major impact on both our theoretical understanding of cellular decision making process and in deciphering what goes awry in diseases such as leukaemia and autoimmunity.