

**Name:**

**KULDIP**

**SIDHU**

**Introduce yourself in a brief paragraph:**

**A/Prof Kuldip Sidhu, Chair of Stem Cell Biology, is the Director** of a newly created state-of-the-art Stem Cells Laboratory at UNSW with focus on generating neurons from various sources of stem cells. Earlier while at the Prince of Wales Hospital, he was responsible for setting up of a human stem cell lab by bringing in this technology from USA in 2003 after working with Prof James Thomson from Wisconsin who produced these cells for the first time in 1998. Dr Sidhu is responsible for creating the first human stem cell line, Endeavour-1 that is largely serum-free and free of animal-derived products. He has also produced now the Endeavour-2. Towards developing an autologous therapy with stem cells, his lab is actively involved in deriving stem cells from skin and converting them into neurons as a potential therapy for Parkinson's and Alzheimer's diseases. His research has always attracted attention and is also recognized with many honors and awards. Endeavour-1 and his innovative stem cell cloning technique both are protected by the international patents which are now being commercialized. His lab is the first in Australia to produce human induced pluripotent stem cells from somatic cells. In addition to research, Dr Sidhu is also a passionate teacher of stem cell biology. He is a member of NHMRC Cell Therapy Advisory Committee. A/Prof Sidhu has published one book, four book chapters, nine review chapters, two international patents and one hundred & forty original research papers including abstracts in journal of repute and all dealing with mammalian cell and developmental biology including stem cells.