

## **Abstract**

Stem cell research is a rapidly expanding research field that initially promised to revolutionize current medicinal practices. After the noble prize-winning discovery of reprogramming somatic cells to pluripotency, the field expanded with millions of dollars spent every year to achieve the impossible and cure the incurable.

This short 20-minute talk will provide an idea about the field of stem cell research; Is it all a hoax? What are the current stem cell treatments available in medicine and dentistry? How far are we with the use of autologous stem cell transplant nowadays? This talk will also familiarise general practitioners and specialists with stem cell research relevance to dentistry.