

Glass may be used to regrow bones

A NEW type of glass that dissolves and releases calcium in the body could be used to regrow bones and do away with bone transplants.

The porous glass, developed at Imperial College London, also discharges silicon. This, alongside calcium, activates genes present in human bone cells. These genes encode the proteins controlling the bone cell cycle and form bone tissue.

● **Source:** *Science and Technology Facilities Council*