

The Nobel Prize goes to stem-cell science | MassDevice.com On Call

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Duo of stem-cell researchers wins the Nobel Prize in Physiology or Medicine for their work on turning mature stem cells "back in time" to an embryonic-like state.



MASSDEVICE ON CALL — Experiments conducted by a pair of stem-cell scientists garnered this year's Nobel Prize in Physiology or Medicine for work on a cellular reprogramming technique that advanced the field of biology.

Research conducted by British researcher John Gurdon and Japanese researcher Shinya Yamanaka underlies progress in areas including cloning and patient-specific therapies, using mature cells taken from an individual which are then transformed into a state similar to embryonic stem cells.

Gurdon's and Yamanaka's work "has changed the accepted dogma" about mature stem cells, early stem-cell pioneer Martin Evans told the [Wall Street Journal](#) [1].

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[1] http://online.wsj.com/article/SB10000872396390444897304578043961363646792.html?mod=WSJ_hpp_LEFTTopStories