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Spanish scientists create first bioartificial organ

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Washington, April 16 (ANI): University of Granada researchers have developed the first bioartificial organ in Spain.

Professors Antonio Campos and Miguel Alaminos (histologists), Maria del Mar Perez, Ana Ionescu and Juan de la Cruz Cardona (opticians) and ophthalmologist Miguel Gonzalez Andrades, at the University Hospital San Cecilio, Granada, were behind the creation.

They extracted pig corneal cells and replaced them with human stem cells.

This method, known as decellularization and recellulation, allows scientists to maintain the basic structure of the cornea and replace its cellular components.

The findings were published in IOVS (Investigative Ophthalmology and Visual Science). (ANI)

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