

Stem cell-based bioartificial tissues and organs

The following is an excerpt.

Surgeon Paolo Macchiarini has made his name by successfully transplanting bioengineered stem cell-based trachea, composed of both artificial and biological material. He now plans to use the technique to recreate more complex tissues, such as the esophagus and diaphragm or organs such as the heart and lungs. He has also made an experimental attempt to regenerate brain in mice and rats.

Read the full press release here: [Stem Cell-Based Bioartificial Tissues and Organs](#)