

# Groundbreaking Spinal Cord Repair Treatment Wins Grand Prize in 2023 Create the Future Design Contest

NEW YORK, NEW YORK, UNITED STATES, November 29, 2023 /EINPresswire.com/ -- A research team at

NeuroPair, Inc. won the Grand Prize in the [2023 Create the Future Design Contest](#) for a revolutionary approach to spinal cord repair. For the first time in its 21-year history, the contest hosted a live pitch competition on November 10, in which finalists presented their inventions to

a panel of judges. The votes were tallied, and the \$25,000 Grand Prize winner was selected based on a pre-determined scoring system.

“

I'm speechless, thank you very much. This is a really great competition.”

*Dr. Johannes Dapprich, CEO  
of NeuroPair, Inc.*

NeuroPair's innovative treatment works by generating an injectable scaffold of aligned magnetic particles to create conditions for protecting, healing, and regrowing neurons that were damaged during spinal cord injury. The scaffold

guides the direction of neuronal regrowth and may help enable recovery from SCI.

Spinal cord injury (SCI) affects 17,000 Americans and 700,000 people worldwide each year. Prognoses are often tragic and social costs exceed \$2 million (US and EU) in the first 5 years of care. NeuroPair's groundbreaking approach addresses a critical need in the medical field, offering a fast and minimally invasive solution to a long-standing problem.

Dr. Johannes Dapprich, NeuroPair CEO, expressed his gratitude during the award ceremony in New York. "Listening to all the talks — they were all absolutely amazing. The presentations and applications that they have in mind — I think anybody else could have won this just as well. I'm speechless, thank you very much. This is a really great competition."

Engineers, students, and entrepreneurs from 60 countries submitted new product ideas to the contest, which was established in 2002 to recognize and reward engineering innovations that benefit humanity, the environment, and the economy. This year's contest was made possible by platinum sponsors COMSOL ([www.comsol.com](http://www.comsol.com)) and Mouser Electronics ([www.mouser.com](http://www.mouser.com)), along with supporting sponsors Analog Devices and Intel.

“COMSOL is grateful for the opportunity to support innovators and their important work through

the Create the Future Design Contest," said Bernt Nilsson, President of COMSOL, Inc. "A better tomorrow is possible only if we keep an open mind and give new ideas a chance to flourish. This is exactly what the Create the Future Design Contest is doing. Congratulations to all the winners and thanks to all participants for the many great and truly innovative ideas that will help bring a brighter future."

"Mouser congratulates the 2023 Create the Future Contest winners, and we applaud all of the participants and their creative designs," said Kevin Hess, Mouser Electronics' Senior Vice President of Marketing. "We are proud of our longstanding support for the Create the Future Design Contest and the many innovations it has inspired through the years."

In addition to the grand prize, [first-place winners were named in seven categories](#) and received workstation computers courtesy of [HP and NVIDIA](#).

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Bernt Nilsson, President of COMSOL, Inc. presents Dr. Johannes Dapprich of NeuroPair, Inc. with the \$25,000 Grand Prize

## Leakproof Valve

For more information about the Create the Future Design Contest, visit [www.createthefuturecontest.com](http://www.createthefuturecontest.com).

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