

## **inomed is on tour with the InnoTruck Inspiring passion for technology and science with a mobile experience exhibition**

On its tour of Germany, this new information and dialogue initiative from the German Federal Ministry for Education and Research (BMBF) demonstrates how innovations can change our lives for the better. The initiative was presented by Federal Minister Professor Johanna Wanka at the start of this year's Hannover Messe trade fair on 24/04/2017. The InnoTruck, which is a two-level exhibition vehicle, will be starting its trip around Germany in its guise as the "Innovation ambassador" of the BMBF, giving a visual demonstration of the role of innovations in our day-to-day lives. inomed will be present too.

### **Look, touch and try out innovations**

How does a good idea turn into a successful innovation? What do we actually mean by innovations? What are they useful for – and are they associated with risks? The InnoTruck will be answering this question as well as many others in the coming years on its tour around Germany.

The exhibition in the InnoTruck displays more than 80 interesting research and technology exhibits as well as fascinating multimedia experiences. A stimulating journey of discovery is provided to interested visitors over two storeys and around 100 m<sup>2</sup> of exhibition space. The idea is not just to look, but also to touch and try things out. Specialists are on hand to offer explanations of the individual exhibits and to engage in more detailed discussions concerning them.

### **Hear better with light - optogenetic cochlear implants from inomed**

inomed has also been given the unique opportunity to use the InnoTruck initiative as a platform and to present the company's "Optical CI" project, which is currently being funded by the BMBF, as well as another exhibit.

The objective of the programme is to research and evaluate optogenetics as a new type of medical method. Nerves can be stimulated through light as a result of a genetic change. Working towards a light source array for optical stimulation, inomed brings its expertise and experience in the field of medical device technology and electrode manufacturing to the project. The long-term objective is to make it available as a cochlear implant with light stimulation (LEDs), as an optogenetic cochlear implant should give the deaf a natural aural impression which is not possible with customary cochlear implants.

In addition to the experts at inomed, micro-system technology specialists are involved in the project within the highly technical electrode manufacturing process. The technology is similar to chip manufacturing. Dr. Patrick Ruther from IMTEK at the University of Freiburg is instrumental in the project, with responsibility for implementation. Professor Tobias Moser from the Göttingen University clinic is involved as a medical partner and delivered the basic idea and requirements. He and his team are overseeing the project and its implementation with their expertise in applications, anatomy and system requirements.

### **Touring Germany until 2020 – request the InnoTruck free of charge**

Anyone who is interested in making a request for the InnoTruck to come to their premises in the city or to their own school can register for a tour stop at [www.innotruck.de](http://www.innotruck.de). A visit from the InnoTruck is free of charge.

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#### **inomed Medizintechnik GmbH**

inomed develops, manufactures and markets medical devices for use within the fields of intraoperative neuromonitoring, functional neurosurgery and pain management. inomed systems have been helping to improve treatments and to increase patient safety for 25 years. 165 members of staff are currently employed at inomed's Emmendingen location.

Further information: [www.inomed.de](http://www.inomed.de)  
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