

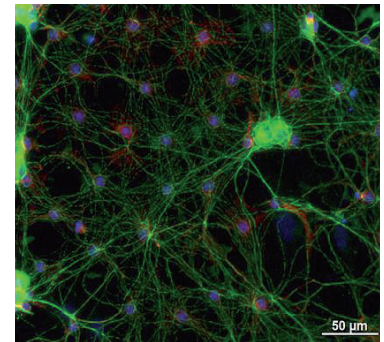
## NanoX

# Nano modified antioxidants for the prevention and treatment neurodegenerative diseases

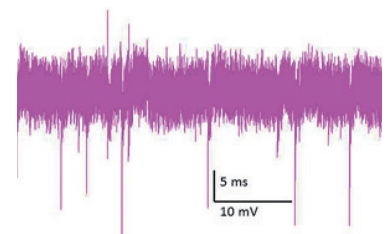
The aim of this project is to develop an effective nutritional supplement for preventing neurodegenerative diseases.

Herbal substances have high antioxidant contents and studies have shown promising neuroprotective potentials.

Moreover, most of these natural substances have low solubility in water and consequently poor absorption in human body. In order to enhance the solubility, nanocrystals of these antioxidants are produced.



Neuronal networks from the gut



Electrical signals from neuronal networks

**Project management:**

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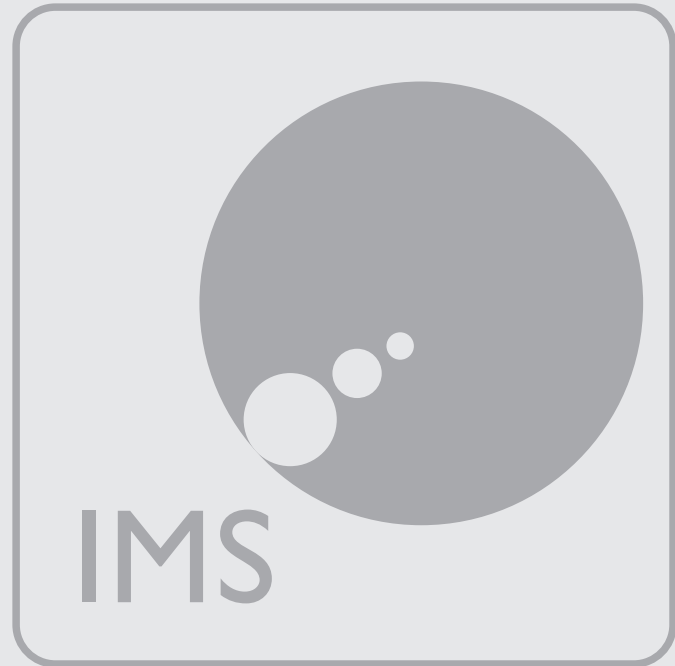
**Project partners:**

The project is realized in cooperation with

- Phast GmbH, Pharnasol GmbH,
- Prof. Dr. Frank Kirchhoff from the institute of physiology, university of Saarland,
- Prof. Dr. Rainer H. Müller, from the institute Pharmazeutische Technologie, Biopharmazie und NutriKosmetik, university of Berlin

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