

DAaCRO GmbH & Co. KG

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daacro is a full-service contract research organization performing phase I - IV clinical trials for pharmaceutical companies and clinical studies for health care providers and nutritional supplement industries.

daacro was founded in 2006 by scientists as a spin-off at the University of Trier to routinely meet the extensive legal requirements for clinical research. An efficient and reliable administrative team organizes a multidisciplinary team of experts in basic research, clinical and CRO activities.

daacro's prominent scientific advisory board adds additional expertise. The company is based in Trier, Germany and carries out studies in many different locations.

daacro's particular expertise lies in the advanced assessment of the effects of psychotropic substances on anxiety, depression and stress.

A New Pharmacodynamic Tool for Clinical Trials: TSST – the Trier Social Stress Test

The TSST was developed 19 years ago at the University of Trier. Since then, thousands of probands and patients have been tested. Today, the TSST is viewed as the most reliable, valid and best standardized laboratory protocol for the assessment of social stress and anxiety in humans (see Dickerson & Kemeny, 2004).

Based on many years of development and experience, daacro provides the highest standard and expertise in applying this protocol in clinical research. Daacro was the first CRO to demonstrate high sensitivity of the TSST to the effects of anxiolytic drugs (see Fries & Hellhammer & Hellhammer, 2006) and thereafter, integrated it as a pharmacodynamic element in phase I clinical trials.

We offer:

- a. CRO Services and Performance of Clinical Trials with Scientific Competence in Basic and Clinical Research

We routinely apply the TSST in clinical trials and other studies. From protocol design, study preparation, performing trials, data analysis, preparing study reports and publications, and hosting scientific meetings and training, we offer the whole spectrum of a CRO.

b. neuropattern™ - Stress Diagnostics

This innovative and newly developed tool identifies neuroendophenotypes, which are associated with stress pathology. It can be used for both case studies in single patients and larger epidemiologic or clinical studies.

The basic concept has recently been published in Stress. The Brain-Body Connection. Eds. Hellhammer, D. & Hellhammer, J. 2008, Karger.

c. Saliva Testing Laboratory Services

In cooperation with Salimetrics, USA daacro offers innovative salivary immunoassay products and provides testing services to aid researchers, the immunodiagnostic industry and analytical and functional testing laboratories around the world in measuring stress biomarkers, including: Alpha amylase, Androstenedione, Blood contamination, Cortisol, C-reactive protein, DHEA, Estradiol, Progesterone, 17a-hydroxyprogesterone, Secretary IgA and Testosterone.

d. Services in Questionnaire Development and Biostatistics

daacro has an interdisciplinary and international research network and seeks further partnership in research and development cooperation.