ANOVA
Institute for Regenerative Medicine

ANOVA Institute for Regenerative Medicine

The Science of a Better You

Patient Information

German Stem Cell Engineering - Designed for Results

Next Generation Medicine

ANOVA Institute for Regenerative Medicine is a German clinic for translational, regenerative and cellular medicine. ANOVA provides stem cell treatments based on current stem cell research and state-of-the-art technology.

At ANOVA, we endeavour to improve the health and well-being of those we serve with a commitment to excellence. Our goal is to make stem cell treatments available to patients now - in the true sense of individualised medicine.

Knowledge on stem cell treatments is developing rapidly. At ANOVA each patient's stem cell treatment is therefore based on an analysis of the latest scientific facts, which we make available to the patient. This way, we stay at the forefront of translational medicine and within the bounds of science.

Who We Are

ANOVA Institute for Regenerative Medicine is the first stem cell treatment center in Europe which is fully certified under German and European law.
ANOVA operates under the supervision of the Hessian Government and the Paul Ehrlich Institute.

ANOVA is conveniently located between Frankfurt and Offenbach, 15 minutes from Frankfurt airport.

Together with a state-of-the-art diagnostic center providing imaging, laboratory and genetic testing, and a small private hospital with modern facilities, it provides personalised medical services at the highest level.

Why Stem Cells?

Mesenchymal Stem Cells (MSCs) are adult stem cells characterized by their self-renewal ability and multi-potency. Besides replacing lost and damaged cells, they respond specifically to tissue and organ damage, down-regulate inflammation, suppress apoptosis (cell suicide), improve blood supply, and activate organ-specific stem cells for repair.

At ANOVA we produce stem cell products derived from MSCs obtained from adipose tissue and bone marrow - powerful regenerative agents against many diseases. The manufacturing process is strictly quality controlled by German and European law.

Our Stem Cell Products

The Stem Cell Secretome
Recent scientific research has revealed that the healing power of stem cells is mainly derived from secreted bioactive compounds, such as micro-RNA, growth factors, extracellular vesicles and cytokines - summarily called the Stem Cell Secretome.

These paracrine factors function as messengers between the cells. Through them, tissue and organ repair and regeneration, anti-inflammatory and anti-aging properties are effected.

Bone Marrow Concentrate

Bone Marrow Stem Cells are abundant available and easily accessible. They have been shown to be of particular benefit in degenerative joint disease, sports injuries, and a variety of neurological disorders.

Your Personalized Therapy

At ANOVA, Bone Marrow Stem Cells (BMC), Stem Cell Secretome (SCS), detox infusions, hormonal optimisation, biochemical and genetic analysis and whole-body imaging are part of the spectrum we use to provide the best in individualised regenerative medicine.

Diagnostic Work-Up at ANOVA:

- In-depth medical history
- General physical exam
- Whole-body MRI
- Advanced imaging: Coronary CT, virtual endoscopy, etc.
- Personalized laboratory diagnostics
- Genetic Screening

Personalised Medicine Programmes at ANOVA:

- Personalized rehabilitation programmes
- Dietary optimization
- Hormone optimization
- Metabolic and body composition optimization

Medical and surgical conditions for which stem cell treatments have been shown beneficial:

- Sports injuries
- Degenerative joint disease – osteoarthritis (OA)
- Inflammatory and auto-immune disorders (e.g. multiple sclerosis)
- Ischaemic neurological disorders (e.g. stroke)
- Neuro-degenerative disorders (e.g. Alzheimer's disease, ALS)
- Anti-Aging
- Erectile Dysfunction

Overview:

Stem cells hold these major beneficial properties:

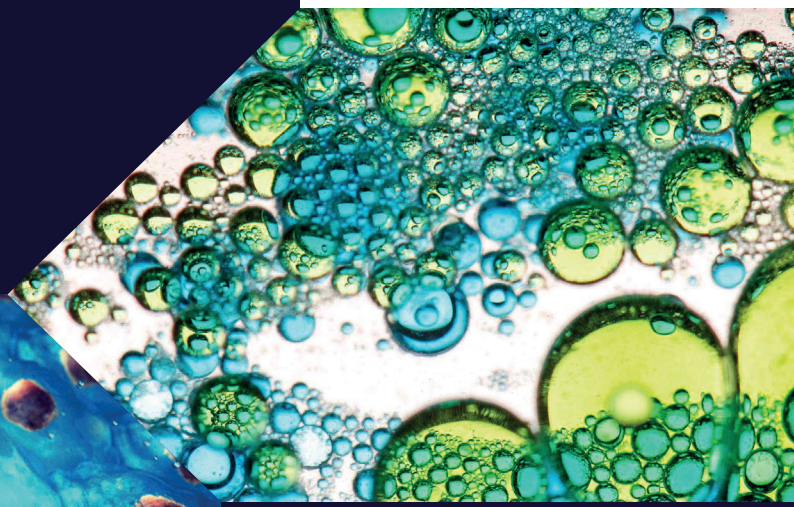
- **reduce tissue and cell injury**
- **protect tissue from degeneration**
- **promote tissue and organ regeneration**
- **enhance tissue and wound healing**
- **down-regulate inflammation**
- **slow down the aging process**

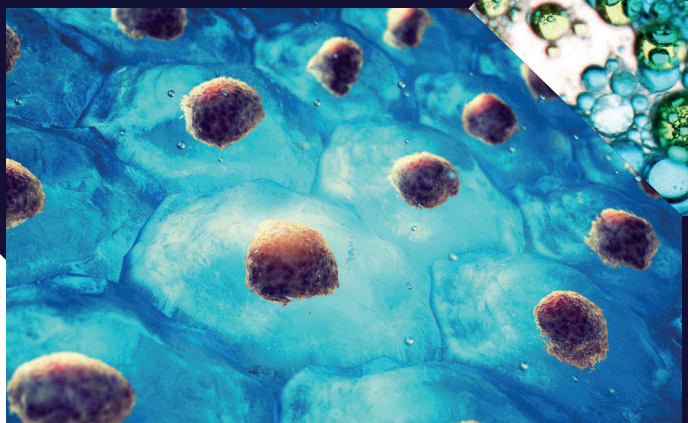
At ANOVA each treatment is to the patient's specific needs in 3 steps:

1. Diagnostic work-up tailored to the patient's specific condition.

2. Analysis of the latest scientific data on stem cell treatments for the particular condition.

3. Individualised treatment with translational cellular medicine.





ANOVA - the first to introduce the next generation Stem Cell Therapy - The Stem Cell Secretome

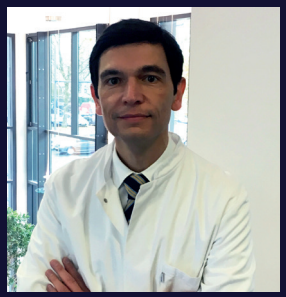
ANOVA Scientific and Medical Advisory Board

Meet the dedicated team of ANOVA Institute for Regenerative Medicine:

Expert medical professionals and scientists, ready to provide you with the high quality medical care you deserve.

Michael K. Stehling
MD, PhD

Professor of Radiology, fmr. Associate Professor of Radiology at Boston University, USA.



Johannes Atta
MD

Professor of Hematology, Specialist in internal medicine, hematology and internal oncology, medical quality management.

Pioneers in Regenerative Medicine

We believe that an ideal treatment of any kind is based on the individual's needs and concerns. To be able to meet such high standards, a detailed diagnostic work-up is necessary. At ANOVA Institute for Regenerative Medicine we offer full diagnostic work-ups with state-of-the-art technology, innovative laboratory diagnostics and the knowledge of trained and specialized physicians who will meet your needs.

With our potent Stem Cell products, the Bone Marrow Concentrate and next generation Stem Cell Secretome, we can provide you with novel and innovative cellular therapy.

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