

International Master Class Personalized Cell Therapy

Dubai
May 17-19, 2024

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MESSAGE FROM SCIENTIFIC DIRECTOR



Dear Esteemed Participants,

It is my profound pleasure to welcome you to our three day Master Class on Personalized Cell Therapy, taking place in the vibrant city of Dubai from May 17th to 19th, 2024. As Scientific Director, I am thrilled to guide you through an enlightening journey into the cutting edge world of personalized cell therapy. Personalized cell therapy represents a monumental leap in medical science, offering groundbreaking treatments tailored to the individual needs of patients. This innovative approach hinges on the understanding that each person's biological makeup is unique, and therefore, medical treatments can be customized for more effective outcomes. By harnessing the power of personalized medicine, we can target specific diseases at a cellular level, offering new hope for conditions that were previously deemed untreatable.

This master class is designed to not only deepen your understanding of personalized cell therapy but also to explore its practical applications in various medical fields. Through a series of expert led workshops, interactive sessions, and networking opportunities, you will gain invaluable insights into the latest research, technological advancements, and ethical considerations surrounding this revolutionary therapy.

I eagerly anticipate your active participation in what promises to be a transformative experience, full of learning and collaboration.

Warm Regards,
Prof Dr Karim Nayernia
Scientific Director



Professor Karim Nayernia
Scientific Director and Chairman



Professor Karim Nayernia is a leading biomedical scientist and a world expert on stem cell biology and Personalized medicine.

- Professor of Stem Cells from Newcastle University in England
- Ph.D. in Molecular Genetics from the University of Göttingen/Bonn, Germany
- Professor of Human Genetics with a focus on Tumour Genetics from the University of Göttingen Medical School, Germany
- Director of the European Center for Personalized Medicine Düsseldorf/Germany
- European Stem Cell Research Director on Alternative Methods
- Founder and Managing Director of the Genome and Stem Cell Research Center Genkok in Turkey
- Founder of the North East England Stem Cell Center and Member of the Executive Committee

Areas of Expertise: Personalized Cancer Treatment; Personalized Infertility Treatment; Cell Therapy; Molecular Therapy



Professor Jürgen Karl-Josef Hescheler



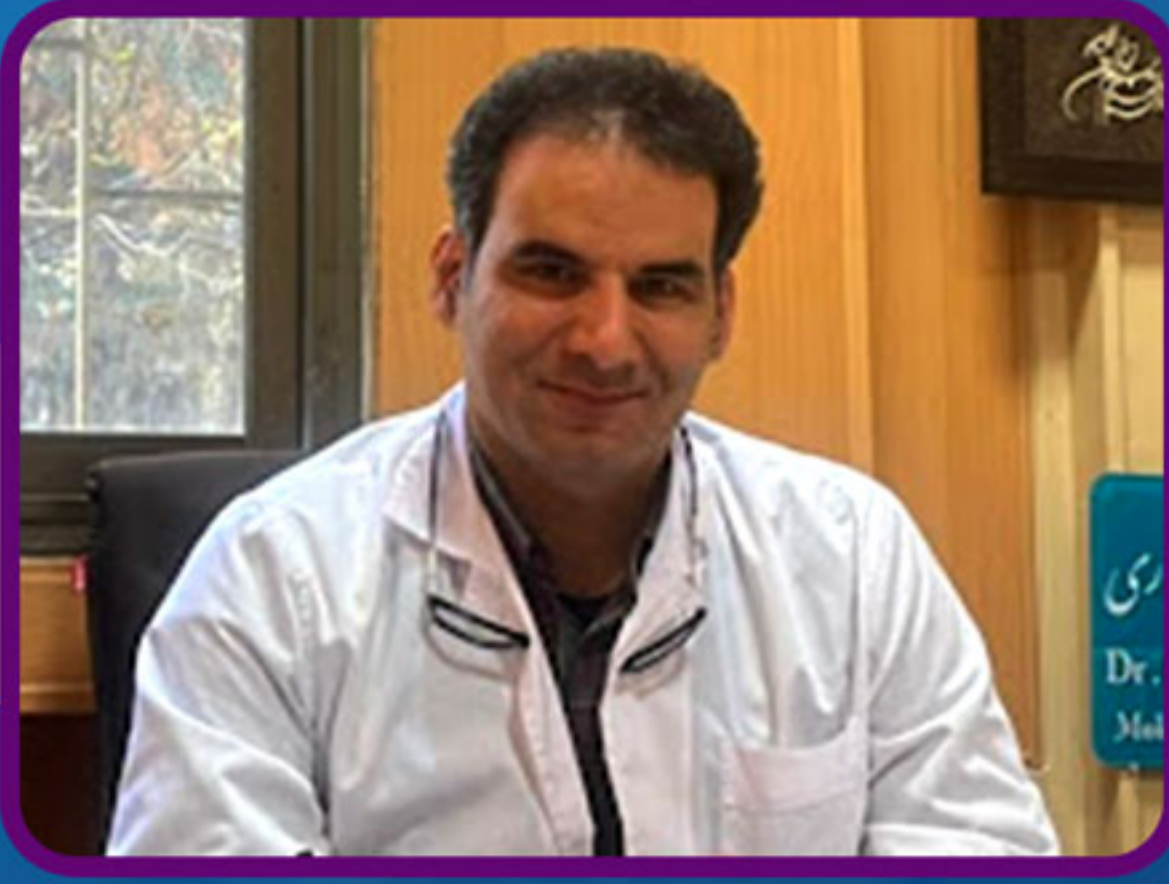
Professor Jürgen Karl-Josef Hescheler is a German physician and stem cell researcher. He is director to the Institute for Neurophysiology and a university professor at the University of Cologne



Professor Uwe Nixdorff



Professor Uwe Nixdorff, M.D., F.E.S.C. Associate Professor External Faculty Member of Friedrich-Alexander University Erlangen-Nürnberg Germany ;
European Prevention Center / Medical Center Düsseldorf Luise-Rainer-Strasse 6 – 10 40235 Düsseldorf Germany



Dr. Kamran Mansouri



Dr. Kamran Mansouri (Associate Professor of Molecular Medicine)
Ph.D. in Molecular Medicine, Tehran University of Medical Sciences, Tehran, Iran
20 years of experience working isolation and maintenance of stem cell derived from placenta, bone marrow, adipocyte and other sources, purification and isolation exosome
Gene Cloning (T) in cancer cell lines



Dr. Amir Reza Boroumand



Neurologist- Psychosomatic Stem Cell Therapist
Specialist in Neurology, •Mashhad University of Medical Sciences, Mashhad, Iran, Mashhad
Fellowship Degree of Psychosomatic Medicine and Psychotherapy, •Freiburg University of Medical Sciences, Freiburg, Germany
RCT-GCP Certified , USA-FDA
Fellowship, Munster University of Medical Sciences, Munster, Germany
Fellowship observation course in" Stem Cell Therapy in Neurological Disorders"
RCT-GCP certified , IRAN-FDA



Dr. S. Mohammad Hosseini Kazerouni



Medical Doctor; MD, Iran University of Medical Sciences, Medical School, 1987-1994
Post Graduate Diploma (PGD) in Medical Laser; Medical Laser Treatment and Research Center of Russia, 2010
Certificate of Bio-Resonance Laser Acupuncture Therapy Issued by TCM European Laser Academy 2018
Applied an Integrated System of Photobiomodulation, Advanced PRP, Protokin, Exosome, Secretom, Condition Media, Extracts, Stem Cell in different therapeutic modalities
Having been an alumnus of Iran University of Medical Sciences, Dr. Seyed Mohammad Hosseini Kazerouni is a diligent M.D. conducting painstaking research into such fields of science as Photobiomodulation and Personalized Regenerative Medicine Application in addition to having founded the Kouros Health and Diabetes Center. It is noteworthy that Dr. Hosseini as attained these achievements was appointed as the Executive Secretary of P7 Academy.



Dr. Ali Vahdani
Executive Secretary

Specialist Psychiatrist, 1999-Present
Over 12 years' experience in Applied Neuroscience / Neuropsychiatry Interventions
Healthcare Accreditation and Quality Improvement Specialist, 2008-Present
Accreditation Canada International (ACI) Certified Surveyor 2010-Present

MASTER CLASS PARTICIPANTS

Who would benefit the master class

Participating in this course can provide listed professionals with the knowledge and skills they need to:

- Understand the scientific principles of personalized cell therapy
- Stay up-to-date on the latest advances in the field
- Develop the skills necessary to participate in the development, testing, and delivery of cell therapies
- Improve patient care by providing them with access to this new and promising treatment option

All Physicians including consultants, specialists including all specialities and fellowships, Dentists and GPs

Researchers:

- Scientists involved in developing and testing new cell therapies
- Clinicians conducting clinical trials of cell therapies

Medical Students and Residences

Nurses:

- Nurses specializing in oncology, haematology, or other relevant fields who will be involved in patient care and administration of cell therapies

Pharmacists:

- Pharmacists who will be involved in the dispensing and preparation of cell therapies

Biotechnologists:

- Scientists involved in the manufacturing and development of cell therapies

Regulatory Affairs Professionals:

- Professionals who ensure that cell therapies meet safety and efficacy standards

Healthcare Administrators:

- Professionals involved in the planning, implementation, and management of cell therapy programs in hospitals and other healthcare settings

AGENDA

Day 1: Foundations of Personalized Cell Therapy

Duration: 6 Hours

8:00 AM - 9:00 AM: Registration

9:00 AM - 9:30 AM: Opening Session

Welcome and introduction to the masterclass.

Overview of personalized cell therapy.

9:30 AM - 11:00 AM: Module 1 - Basics of Cell Therapy

Understanding cell therapy and its scope.

Types of cells used in therapy (stem cells, T-cells, etc.).

11:00 AM - 11:30 AM: Coffee Break

11:30 AM - 13:00 PM: Module 2 - Personalization in Cell Therapy

Principles of personalized medicine.

Tailoring cell therapies to individual patients.

13:00 PM - 14:00 PM: Lunch Break

14:00 PM - 15:30 PM: Workshop 1 - Case Studies in Personalized Cell Therapy

Interactive session with real-world examples.

Group discussions.

15:30 PM - 16:00 PM: Coffee Break

16:00 PM - 17:30 PM: Panel Discussion

Experts discussing challenges and opportunities in personalized cell therapy.

Q&A session with participants.

AGENDA

Day 2: Advanced Techniques and Technologies

Duration: 6 Hours

9:00 AM - 10:30 AM: Module 3 - Genetic Engineering in Cell Therapy

CRISPR and other gene-editing tools.

Designing tailored therapies.

10:30 AM - 11:00 AM: Coffee Break

11:00 AM - 12:30 PM: Module 4 - Immunotherapy and Cell Therapy

CAR-T cell therapies.

The future of immunotherapy in personalized treatment.

12:30 PM - 13:30 PM: Lunch Break

13:30 PM - 15:00 PM: Workshop 2 - Hands-on Laboratory Techniques

Practical session on cell culture and manipulation.

Safety and ethical considerations.

15:00 PM - 15:30 PM: Coffee Break

15:30 PM - 17:00 PM: Interactive Session - Emerging Technologies

AI and machine learning in cell therapy development.

Future trends and research areas.

AGENDA

Day 3: Clinical Applications and Future Directions

Duration: 6 Hours

9:00 AM - 10:30 AM: Module 5 - From Lab to Clinic: Clinical Trials and Regulation

Navigating clinical trials for cell therapies.

Regulatory landscape and compliance.

10:30 AM - 11:00 AM: Coffee Break

11:00 AM - 12:30 PM: Module 6 - Ethical and Societal Impacts

Ethical considerations in personalized cell therapy.

The societal impact and patient perspectives.

12:30 PM - 13:30 PM: Lunch Break

13:30 PM - 15:00 PM: Round Table Discussion

Involving all participants.

Discussing future challenges and opportunities in personalized cell therapy.

15:00 PM - 15:30 PM: Coffee Break

15:30 PM - 17:00 PM: Closing Session

Key takeaways from the masterclass.

Future directions and closing remarks.

Networking and future collaboration opportunities.

17:00 PM - 17:30 PM: Feedback and Certification Ceremony

Distribution of certificates.

Feedback collection for future improvement.

REGISTRATION

Early Bird Registration until 30 April 2024:

1200 Euro

After 30 April 2024:

1500 Euro

Students and Medical Residents with presenting valid ID:

900 Euro

Course Certificate from Cologne Medical University
CME certificate from DHA under process

Registration Link:

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