

### **Demanding education meets proven benchmark excellence**

Dr Kai-Uwe Schlaudraff graduated from Medical School at the University of Freiburg where he received his MD degree with honors for research on angiogenesis and the first clinical application of growth factors in patients in heart surgery. After having trained in London and Paris he completed his general surgery residency in Basel and received his training in plastic surgery at the University Hospital of Geneva (HUG).

**From 2008 until today** he practices at his private clinic Concept Clinic in Geneva with a special interest in body contouring through VASER ultrasound assisted liposuction, fat grafting for body and face as well as breast surgery. Dr Schlaudraff is part of multiple research projects and clinical work with a focus on adipose derived stem cells, fat grafting and regenerative treatments for face, body and hair.

Dr Schlaudraff is Board Certified by the Swiss (FMH) and the European Board of Plastic Reconstructive and Aesthetic Surgery (EBOPRAS) and is a member of the Swiss (SSCPRE), American (ASAPS) and International Society of Aesthetic Plastic Surgery (ISAPS) as well as a member of the Swiss Aesthetic Surgery Society (SSCE).

As member of the Board of Directors of the Swiss Aesthetic Surgery Society and the International Society of Aesthetic Plastic Surgery, Dr Schlaudraff leads several initiatives for patient safety in facial injections and is a recognized leader worldwide in education in aesthetic and regenerative surgery and stem cell science.

He has given more than 500 scientific lectures at International congresses and is Treasurer of the International Society of Plastic Surgery (ISAPS) since 2014. He also is Section Editor for fat grafting and stem cell research of the international journal 'Aesthetic Plastic Surgery' and is a member of the Scientific Board of the Swiss Stem Cell Foundation (SSCF). He was appointed Governor of the Aesthetic Stem Cell Society and awarded keynote lectures on adipose stem cells by the Japanese Society of Plastic Surgery (JSAPS), the Oriental Society of Aesthetic Plastic Surgery (OSAPS) and the ISAPS FAST program in Russia.

Dr Schlaudraff is proud to be a clinical contributor in the Swiss team of scientists from Bart Deplancke's lab at EPFL, Christian Wolfrum's lab at ETHZ, and the Swiss Stem Cell Foundation whose study was published in Nature in 2018: "*A stromal cell population that inhibits adipogenesis in mammalian fat depots*". This milestone study has discovered a new cell type called "Aregs" for "adipogenesis-regulatory cells" that is found in the mature fat depots of the body where it can actively inhibit the formation of fat cells. The discovery provides the hope that "Aregs" may open entirely new avenues to fight obesity and related metabolic diseases such as diabetes.

Dr Schlaudraff has contributed chapters to several books and has recently co-authored a publication in Aesthetic Surgery Journal on mechanical processing of adipose derived stem cells: '*Cellular Optimization of Nanofat: Comparison of Two Nanofat Processing Devices in Terms of Cell Count and Viability*'.

**Developments and innovations**

As a result of his work, Dr Schlaudraff has established the Youvenate® treatment concept including personalized DNA-based skincare, analysis of genetic health parameters as well as regenerative strategies to maintain his patients' youth.

As an experienced Key Opinion Leader (KOL) Dr Schlaudraff is working both with start-up companies and major industry partners in the development of innovative treatments in aesthetics.