

1,000 STUDIES

A MILESTONE IN REGENERATIVE DENTISTRY

Over one thousand publications¹ attest to the scientific and clinical standards of Geistlich Biomaterials.

If we assume that a typical study in dental regeneration takes about a year and a half with at least 6 researchers intensively involved, then 1,000 publications represent 6,000 scientists, who have spent the equivalent of 9,000 years investigating Geistlich's biomaterials. This is why, when it comes to bone replacement and membranes for oral regeneration, Geistlich Bio-Oss® and Geistlich Bio-Gide® are considered the No. 1 referenced biomaterials around the world.

A Pioneering Achievement

The close cooperation between Geistlich and researchers at various universities began in the 1980s. The potential for regenerative biomaterials was only a possibility when Dr. Peter Geistlich had a novel idea for a new biomaterial solution. Together with Professors Myron Spector (Harvard University) and Philip J. Boyne (Loma Linda University), he developed a new kind of bone replacement material: Geistlich Bio-Oss®. Geistlich Bio-Oss® was followed in the 1990s by Geistlich Bio-Gide®, which was distinguished by its special bilayer structure and simplified the GTR and GBR techniques used at the time.

Inspired To Research

The exceptional biofunctionality of Geistlich biomaterials has fascinated scientists and clinicians around the world. Numerous studies have demonstrated that Geistlich Bio-Oss® is highly osteoconductive², because of its extremely porous structure and hydrophilicity. Geistlich Bio-Gide®'s natural collagen fibers promote vascularized wound healing³. The slow resorption of Geistlich Bio-Oss® and the ideally matched protective function of Geistlich Bio-Gide® favor long-term volume stability of the augmented bone⁴. As the most recent development, Geistlich Mucograft® has inspired numerous research groups to conduct studies in which the new 3D collagen matrix has been used in the regeneration of soft-tissue. Geistlich Mucograft® has provided successful treatments for over five years⁵.

To learn more about the **Geistlich Jubilee**, visit:
www.geistlich-jubilee.com

Committed to Dental Regeneration

Geistlich is celebrating two very important anniversaries this year: **30 years of Geistlich Bio-Oss®** and **20 years of Geistlich Bio-Gide®**. Geistlich has set the benchmark for regeneration with over 1,000 scientific publications – works that have made a definitive contribution to the field of oral regeneration and provided successful treatments for patients around the world.

Written by: Evelyn Meiforth

References

- 1 Pubmed Search: Bio-Oss OR Bio-Gide OR Mucograft (13. Juli 2015)
- 2 Traini T, et al.: J Periodontol. 2007; 78(5): 955-61.
- 3 Becker J, et al.: Clin Oral Implants Res 2009; 20(7): 742-49.
- 4 Jung R, et al.: Clin Oral Implants Res 2013; 24(10): 1065-73.
- 5 Schmitt CM, et al.: Clin Oral Implants Res 2015 Feb 27.

