



# Materials are our **DNA!**

## Press Release **MSI® Technology**

March 2023

At IDS 2023, Iserlohn-based pro3dure medical GmbH will present the world's first functional 3D printing resins and milling blanks that use **MSI® technology** (multi-species inhibition) to significantly reduce biofilms and plaque deposits on surfaces.

In collaboration with **Unilever**, **pro3dure** has succeeded in developing functionalized dental materials. **MSI®** is based on the patent of special natural compounds that block the communication of bacteria. Inspired by the natural compounds produced by the red algae *Delisea*, the biomimetic **MSI® technology** was developed.

**MSI®** copies this natural approach and applies an additional function in dental materials. The significant reduction of biofilms leads to less plaque accumulation, reduced halitosis, less cavities and inflammation in the oral cavity. Unlike antibiotics, for example, **MSI® technology** does not create any resistances. This technology therefore represents a sustainable approach.

**pro3dure medical GmbH** is a global company committed to meeting the specific 3D printing needs of its customers. With experience, technical knowledge and innovative spirit, **pro3dure** offers customized and innovative technologies that guarantee a high-quality digital workflow for professionals in the fields of audiology, dental, medicine and research.

### **pro3dure medical GmbH**

Am Burgberg 13 | 58642 Iserlohn | Deutschland | Tel. +49 (0)2374 920050-0  
info@pro3dure.com | www.pro3dure.com

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