LINKING SCIENCE WITH PRACTICE IN REGENERATION
What and who is the Osteology Foundation

TRAINING FOR RESEARCHERS
The Osteology Foundation is running an intensive course on good scientific practice and research methodology, known as the Osteology Research Academy. Education Grants are available for participants in these courses.

FUNDING FOR RESEARCHERS
The Osteology Foundation funds research into all aspects of oral tissue regeneration. Young and Advanced Researcher Grants are available as well as Large Clinical Grants and Research Scholarships.

EDUCATION FOR PRACTITIONERS
The Osteology Foundation organises National and International Symposia in many countries worldwide, provides online education, trains clinicians globally at collaborative education events, and supports the education of students with its book “Oral Regeneration in a Nutshell.”

BEST PRACTICE FOR SCIENTISTS
In the Osteology Research Guidelines for Oral & Maxillofacial Regeneration leading experts present general aspects and scientific models for pre-clinical and clinical research.

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THIS BROCHURE CONTAINS AUGMENTED REALITY FEATURES

1. Download and open THE BOX app on your smartphone and log in.
2. Tap on the AR interface and click on AR SCAN.
3. Scan the images marked with the AR icon.
Science and clinical practice in oral regeneration can sometimes be far apart. Hence, linking Science and Practice is essential. That is why the Osteology Foundation was established in 2003 by Dr Peter Geistlich and Geistlich Pharma AG, with the vision of promoting independent research and education worldwide in the field of oral regeneration for the benefit of patients.

Since then, the Osteology Foundation Board has worked continuously to achieve this aim. Thereby, activities were gradually expanded. Nowadays, the Osteology Foundation offers a broad range of grants, tools, courses, text-books and symposia for researchers and practitioners in oral tissue regeneration, always with the aim of connecting clinicians and scientists and promoting their exchange.

Despite all our efforts, there are still many unanswered questions in the field of bone and tissue regeneration. New techniques and technologies are constantly developing, and they have to be tested and evaluated to improve patient care.

The Osteology Foundation will continue to promote research in this field to ensure that knowledge gained from research is transferred into everyday clinical practice, always true to its motto “Linking Science with Practice in Regeneration”.

Mariano Sanz
President Osteology Foundation
What and who is the Osteology Foundation

The Osteology Foundation is a non-profit organisation. It is steered by an independent Foundation Board. The Board defines the strategy, sets goals and objectives, and distributes the financial resources to its two committees. It elects the President of the Foundation, as well as the members of the Executive Board, which is responsible for operational decision-making.

The Science Committee acts as jury for the awarding of grants and scholarships and is in charge of consensus meetings, while the Education Committee is responsible for the educational initiatives and programmes of the Osteology Foundation.

The two committees are supported by members of the Expert Council, which also helps to widen the Foundation’s international network. The members of the Expert Council are elected by the Foundation Board.

The Osteology Office provides organisational and administrative support for all activities and manages the projects of the Osteology Foundation.

For the current composition of the Committees, the Expert Council as well as the Office, please visit the Foundation’s website at www.osteology.org.
Funding for Researchers

Promoting research into all aspects of oral tissue regeneration is a core task of the Osteology Foundation. Today, more than 100 studies have already been funded by the Osteology Foundation, and have led to significant insights in oral tissue regeneration.

How to apply for grants
Researchers can apply twice a year for research grants for their projects. Different types of grants are available, depending on the career level of those undertaking the research, and the type of study (see table). Funding is provided internationally, thus researchers worldwide are entitled to apply and receive grants.

Applications have to be submitted online through the Foundation’s Global Community Platform THE BOX.

There are two stages in the application process:

**Stage 1**
Based on the submission of an abstract, the Science Committee selects the best projects, which then progress to the second stage.

**Stage 2**
The applicants are invited to present their projects in detail. On average, about 25 percent of the applicants are given this opportunity.

**Study types and topics**
The Osteology Foundation funds clinical and translational research. Research topics that are eligible for funding include the following:
- Bone and soft tissue biology; clinical aspects
- Local factors affecting oral tissue regeneration
- Systemic diseases with an impact on oral tissue regeneration
- Novel bone and soft tissue substitute materials
- Pharmacological aspects of oral tissue regeneration
- Inflammatory conditions, e.g. periodontitis, periimplantitis

A list of publications from funded studies can be found online on www.osteology.org.
The Osteology Foundation provides Research Scholarships for young researchers on an annual basis to develop their scientific career in the field of oral tissue regeneration.

Applications for one-year scholarships at one of the Osteology Scholarship Centres worldwide is open to all young researchers with an academic affiliation. The scholarships are offered annually and consist of 35’000 Swiss francs.

Application deadline: 1 December

Scholarships help young researchers to develop their scientific career.

A list of the current Scholarship Centres, application guidelines, and online application is available on www.osteology.org.
A major challenge today is to bring scientists and practitioners together. This is why the Osteology Foundation has developed THE BOX – the Global Osteology Community Platform. Knowledge within the field of oral regeneration should not only be expanded, but also made accessible to all interested parties in a quick and easy way so that the exchange of knowledge among them can be promoted.

Science
The Research Wizard helps to set up a research project, the Biostatistic Wizard helps to find the right test for your data, and the online version of the Osteology Research Guidelines provides information on protocols and scientific background. All these tools can be found on THE BOX.

Practice
Tools like the Case Box, the Challenges & Complications Forum and the Surgical Checklists are here to support the daily life of clinicians and to enhance the discussion about the techniques, materials and methods used.

Network
Interact with researchers and practitioners worldwide, extend your personal network, find new contacts, join discussions with experts, and become part of the Global Osteology Community.

Symposia
An added extra to the live event! Here you will find the programme, you can browse through abstracts and you can also find posters here in an online poster exhibition. Contact the authors online and send a question to the experts.

Register now on www.box.osteology.org – it’s free!
The Osteology Foundation selects a new Oral Regeneration Topic every six months. For each topic, a webinar with an internationally renowned speaker is organised, an interview with the author of a Key Publication in this field is conducted, and a Scientific Radar is published featuring the most relevant publications on this topic.

You can immerse yourself in a theme and experience the scientific and fundamental aspects and a few surprises.

Everything is available online and free of charge at THE BOX, the Global Community Platform of the Osteology Foundation. Read more about THE BOX on page 12.
Education for practitioners

Evidence-based knowledge
The Osteology Foundation places a clear emphasis on evidence-based knowledge at all of its symposia and collaborative education events. Only people who are aware of the biological fundamentals of bone modelling and remodelling, and review therapies critically, are ultimately able to provide successful treatments.

Extensive practical training
From the first incision to the last suture, regenerative therapies require a high degree of dexterity. In order to remain at the forefront of cutting edge techniques and materials, it is crucial to have access to data and practical training. That’s why the Osteology Foundation focuses on hands-on workshops at all its symposia.

Exchange on equal terms
Each patient and each clinical situation is different. Extensive Q&A sessions, interactive forums and case discussions all encourage Osteology Symposia participants to share their ideas, and discuss their own cases. Attending also means joining in!

Up to date, the Osteology Foundation has educated more than 49,000 practitioners worldwide.

5 international Osteology symposia, each with up to 3,000 participants.

71 Osteology education events in 19 countries, 5 continents.
Training for researchers

Research drives advances in science. This is why the Osteology Foundation is committed to running intensive courses on research design and methodology. Moreover, two courses with different focuses on hard tissue research as well as interface biology and ultrastructure are offered.

In these courses, you can work within a group of internationally renowned researchers and exchange, learn and acquire the necessary tools for successful research.

Education Grants

Osteology Education Grants are offered to support participation in the Osteology Research Academy. All young researchers with an academic affiliation can apply. Detailed application guidelines and submission can be accessed online.

Deadlines: 15 May and 1 December

OSTEOLEGY RESEARCH ACADEMY

Attending high-level presentations and workshops broaden your scientific horizon.

Information about the locations, courses, prices and the registration are available on www.osteology.org.
The aim of this small book authored by Christoph Hämmelme, Giulio Rasperini, Daniel Thoma, and Nele Van Assche, is to introduce novices to the complex but fascinating field of oral regeneration and to provide a basic overview on indications, procedures and materials used. The essentials of periodontal regeneration, regeneration of bone and soft tissues, as well as ridge preservation, are introduced. The aims of the different therapies, underlying principles, clinical indications, and surgical procedures are presented in a very simple way by means of illustrations and clinical images.

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It’s not a textbook, it’s a first introduction to oral regeneration.
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Further information and an online version are available on www.oral-regeneration.org.
OSTEOLOGY RESEARCH GUIDELINES

Not only experienced scientists, but also those just starting their research careers can benefit from the Osteology Guidelines for Oral & Maxillofacial Regeneration. The two books, which deliver scientific background and detailed study protocols, enable readers to conduct systematic and meaningful studies in the field of oral tissue regeneration.

Book 1: Pre-clinical research
The first book, published by William V. Giannobile and Myron Nevins, covers pre-clinical research. It focuses on selecting the most suitable translational models for a given problem and which study protocols have proven most successful. Ethical and regulatory aspects round off the book.

Book 2: Clinical research
The second book, published by William V. Giannobile, Niklaus P. Lang and Maurizio S. Tonetti, focuses on clinical research in oral tissue regeneration. This volume pays particular attention to the development of human study protocols, validated measurements and analytical methods. As in the first volume, ethical and regulatory aspects are also addressed.

Both books can be ordered online. Online versions are available on THE BOX (Page 12).