

Balazs Feher

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Sensengasse 2a, 1090 Vienna, Austria

EDUCATION

Medical University of Vienna

Doctor of Philosophy (PhD) in Endocrinology and Metabolism Expected 2022
Dissertation: Insights into osteocytic signaling in bone regeneration
Thesis Committee: Prof. Reinhard Gruber, Prof. Ulrike Kuchler, Prof. Johannes Grillari

Doctor of Dental Medicine (DMD) 2018
Thesis Advisor: Dr. Corinna Bruckmann

ACADEMIC POSITIONS

Harvard School of Dental Medicine

Osteology Research Scholar 2023 –
Department of Oral Medicine, Infection, and Immunity

Medical University of Vienna

Junior Scientist and Lecturer 2019 – 2023
University Clinic of Dentistry, Department of Oral Surgery & Competence Center Oral Biology

Research Assistant 2017 – 2019
University Clinic of Dentistry, Department of Oral Surgery & Competence Center Oral Biology

GRANTS & SCHOLARSHIPS

Osteology Foundation

Research Scholarship 2022
Harvard School of Dental Medicine
Reference № 22-005; Amount of funding: 35 000 CHF

Young Researcher Grant 2020
Osteocytic RANKL expression in bone graft consolidation
Reference № 19-158; Amount of funding: 29 780 CHF

International Team for Implantology Foundation

Research Grant 2019
Disabling osteocyte apoptosis in mice: Impact on calvarial bone generation
Reference № 1456/2019; Amount of funding: 28 571 EUR

PROFESSIONAL ACTIVITIES

International Telecommunications Union – World Health Organization Focus Group on Artificial Intelligence for Health

Contributor and Co-Principal Investigator 2021 –
Topic Group Dental Diagnostics and Digital Dentistry
Subtopic Oral Surgery

European Association for Osseointegration

Member 2021 –
Junior Committee

PEER-REVIEWED PUBLICATIONS

Feher B, Frommlet F, Ulm C, et al. Preoperative buccal bone volume predicts long-term gain following augmentation in the esthetic zone. *Clinical Oral Implants Research*. Accepted February 17, 2022.

Feher B, Wieser C, Lukes T, et al. The Effect of the COVID-19 Pandemic on Patient Selection, Surgical Procedures, and Postoperative Complications in a Specialized Dental Implant Clinic. *Journal of Clinical Medicine*. 2022;11(3):855.

Feher B, Spandl LF, Lettner S, et al. Prediction of post-traumatic neuropathy following impacted mandibular third molar removal. *Journal of Dentistry*. 2021 Dec;115:103838.

Feher B, Gruber R, Hirtler L, et al. Resonance frequency analysis of implants placed in condensed bone. *Clinical Oral Implants Research*. 2021 Oct;32(10):1200-1208.

Feher B*, Apaza Alccayhuaman KA*, Strauss FJ, et al. Osteoconductive properties of upside-down bilayer collagen membranes in rat calvarial defects. *International Journal of Implant Dentistry*. 2021 Jun 7;7(1):50.

Feher B, Frommlet F, Lettner S, et al. A volumetric prediction model for postoperative cyst shrinkage. *Clinical Oral Investigations*. 2021 Nov;25(11):6093-6099.

Feher B, Gruber R, Gahleitner A, et al. Angular changes in implants placed in the anterior maxillae of adults: a cephalometric pilot study. *Clinical Oral Investigations*. 2021;25(3):1375-1381.

Feher B, Lettner S, Heinze G, et al. An advanced prediction model for postoperative complications and early implant failure. *Clinical Oral Implants Research*. 2020;31(10):928-935.

* equal contribution

CONFERENCE PUBLICATIONS

Feher B, Frommlet F, Ulm C, et al. Long-term volume stability after buccal bone augmentation in the esthetic zone. *Clinical Oral Implants Research*. 2021;21(S22):53-53.

Feher B, Lettner S, Karg F, et al. A novel risk prediction model for postoperative complications and early implant failure. *Clinical Oral Implants Research*. 2020;31(S20):247-248.

Feher B, Gruber R, Gahleitner A, et al. The effect of residual craniofacial growth on implants placed in the anterior maxilla – A long-term cephalometric study. *Clinical Oral Implants Research*. 2019;30(S19):496-496.

Feher B, Karg F, Gruber R, et al. Dental implant placement in a specialized clinic – A 3-year retrospective analysis. *Clinical Oral Implants Research*. 2019;30(S19):495-495.

Feher B, Kuchler U. Adjunctive anti-infective measures in surgical peri-implantitis treatment - A systematic review. *Clinical Oral Implants Research*. 2018;29(S17):113-113.

HONORS & AWARDS

European Prize for Research in Implant Dentistry

2018

Awarded by the European Association for Osseointegration
For the study “Adjunctive antimicrobial measures in surgical peri-implantitis treatment”

TEACHING

Medical University of Vienna

DMD Program

825.001	Oral Biology & Regenerative Dentistry (2022) [†]	Lecture
828.003	Oral Surgery (2020, 2022) [†]	Practical
670.000	Interactive Learning in Oral Surgery (2020, 2021, 2022) [†]	Seminar
806.135	Methods of Medical Research (2021) [†]	Seminar
826.001	Gnathology & Occlusion I (2016, 2017) [‡]	Practical
826.002	Gnathology & Occlusion II (2016, 2017) [‡]	Practical
829.011	72-Week Clinical Rotations (2021, 2022) [†]	Practical

MClinDent Program in Periodontology and Implantology

892.003	Patient Risks (2021) [†]	Lecture
892.008	Medication (2021) [†]	Lecture

[†] as Lecturer, [‡] as Teaching Assistant

STUDENTS ADVISED

Medical University of Vienna

Ongoing Theses

Katarina Sieberer Since 2021

Julia Kuhn

Manuel Alexander Guerra Escalante

Melinda Seeland-Csitar[§]

Michael Fürthauer

Michael Boneberg

Cordelia Wieser

Theresa Lukes

Gloria Amelie Cejnek

Since 2020

Valeriya Bobrik

Ivan Simic

Petar Filip Nadj

Since 2019

Defended Theses

Maximilian Neumayer

2021

Lisa-Franziska Spandl

Letizia Elisabeth Nemeth

2020

Philipp Luciano Necsea

Florian Karg

2019

[§] Master's thesis

REFERENCES

Reinhard Gruber

Professor and Head, Department of Oral Biology, Medical University of Vienna, Vienna, Austria
reinhard.gruber@meduniwien.ac.at

Jung-Seok Lee

Professor and Head, Department of Periodontology, Yonsei University, Seoul, South Korea
cooldds@gmail.com