口腔インプラント学講座
(Department of Oral Implantology)

教育研究原著論文

1) 印刷公表

1. Murata M[*], Kabir MA[*], Horie N[*], Yokozeki K[*], Shakya M[*], Kusano K. Barrier effects of a poly (lactic acid/caprolactone) bilayer membrane for guided bone regeneration on skull without periosteum of adult-senior staged rats. *J Clin Exp Dent* 2025;**17**(**2**):e211-e218.

2. Yamada R, Xavier SP[*2], Nakajima Y, Silva ER[*2], Botticelli D[*3], Teranishi Y, Baba S. Impact of collagenated and non-collagenated deproteinized bovine bone mineral on schneiderian membrane integrity in rabbits. *Dent J* 2025;**13**(**1**):doi: 10.3390/dj13010019.

3. Kuwano K, Canullo L[*4], Botticelli D[*3], Xavier SP[*2], Silva ER[*2], Kusano K, Baba S. Ablative and expansive protocols for bone osteotomy in rabbits. *Dent J* 2025;**13**(**3**):doi: 10.3390/dj13030118.

4. Botticelli D[*3], Agabiti I[*3], Yamada R, Maniwa N, Apaza K[*3], Nakajima Y. Identifying key factors in papilla growth around implants: focus on intraoral negative pressure. *Dent J* 2025;**13**(**3**):doi: 10.3390/dj13030124.

5. Ariji Y, Kusano K, Fukuda M, Wakata Y, Nozawa M, Kotaki S, Ariji E[*5], Baba S. Two-step deep learning models for detection and identification of the manufacturers and types of dental implants on panoramic radiographs. *Odontology* 2025;**113**(**2**):788-798.

6. Seo H, JO J, Nakai M, Morinaga K, Kusano K, Hashimoto Y, Baba S. Biological and histological analyses of bone regeneration behavior by controlled release of stromal cell-derived factor-1 using gelatin nonwoven fabrics. *J Osaka Dent Univ* 2025;**59**(**1**):81-86.

7. Chi Y, Morinaga K, Kawamura K, Teranishi Y, Kusano K, Miyake T, Baba S. Cross-sectional study on the effect of occlusion on interproximal contact loss between implant-supported restorations and adjacent teeth. *J Osaka Dent Univ* 2025;**59**(**1**):87-92.

8. Omori H, Botticelli D[*3], Silva ER[*2], Xavier SP[*2], Souza SLSd[*2], Kusano K, Baba S. Analysis of implant osseointegration, bone repair, and sinus mucosa integrity using Bio-Oss® and hyaluronic acid-polynucleotide gel (Regenfast®) in maxillary sinus augmentation in rabbits. *Dent J* 2025;**13**(**7**):doi: 10.3390/dj13070293.

9. Taniguchi Z, Esposito M[*6], Xavier SP[*2], Silva ER[*2], Botticelli D[*3], Buti J[*7], Baba S. On the use of a sticky bone substitute in the presence of a ruptured Schneider membrane during sinus lift procedures - an experimental within-rabbit study. *Int J Oral Maxillofac Implants* 2025;**40**(**4**):417-426.

10. Hazama Y, Iida T, Lang NP[*8], Muñoz Guzon FM[*9], Iezzi G[*10], Botticelli D[*3], Baba S. The effect of collagen membrane fixation with pins on buccal bone regeneration in immediate dental implant sites: a preclinical study in dogs. *J Funct Biomater* 2025;**16**(**8**):doi: 10.3390/jfb16080281.

11. Botticelli D[*3], Apaza Alccayhuaman KA[*11], Xavier SP[*2], Silva ER[*2], Nakajima Y, Baba S. From break-even point to dynamic regenerative balance: a conceptual and quantitative framework based on preclinicalrabbit sinus lift data. *Dent J* 2025;**13**(**10**):doi: 10.3390/dj13100469.

*北海道医療大学
*2University of São Paulo
*3ARDEC Academy
*4University of Genoa
*5愛知学院大学
*6Vita-Salute San Raffaele University
*7UCL Eastman Dental Institute
*8University of Berne
*9Centro de Empresas e Innovación Nodus
*10University of Chieti-Pescara
*11Medical University of Vienna