

Curriculum vitae

PD Dr. med. dent. Valerie Steiger-Ronay

Ausbildung und Werdegang

2001 – 2008	Diplomstudium Zahnmedizin, Medizinische Universität Wien (AT)
2004 – 2005	Research Scholar, Harvard School of Dental Medicine, Boston (USA)
2009 – 2014	Assistenz Zahnärztin am Zentrum für Zahnmedizin, Klinik für Präventivzahnmedizin, Parodontologie und Kariologie, Universität Zürich Klinikleiter: Prof. Dr. Thomas Attin
2013	Promotion, Universität Zürich
2013	Master of Advanced Studies in Periodontology, Universität Zürich
2014	Fachzahnarzt für Parodontologie (SSO/SSP)
2015 – 2023	Oberärztin am Zentrum für Zahnmedizin, Klinik für Präventivzahnmedizin, Parodontologie und Kariologie, Universität Zürich Klinikleiter: Prof. Dr. Thomas Attin
2015 – heute	Externe Dozentin Dentalhygieneschule Prophylaxe Zentrum Zürich Nord
2017 – heute	Zahnärztliche Tätigkeit, Ordination Dr. Ronay, Wien
2017 – heute	Lehrtätigkeit ETH Zürich Vorlesung «Nutrition & Oral Health» Masterstudiengang Nutrition and Health
2020	Habilitation, Universität Zürich
2021 – heute	Zahnärztin im Zahnmedizinischen Zentrum Zürich Nord

Mitgliedschaften in Fachgesellschaften

- Schweizerische Zahnärztesgesellschaft SSO
- Schweizerische Gesellschaft für Parodontologie SSP

Sprachen

Deutsch, Englisch

Veröffentlichungen / Publikationen

Erosive loss of tooth substance is dependent on enamel surface structure and presence of pellicle – an in vitro study. Steiger-Ronay V, Kuster IM, Wiedemeier DB, Attin T, Wegehaupt FJ. Arch Oral Biol. 2020 Apr;112:104686.

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Comparison of Profilometric and Microindentation Analyses for Determining the Impact of Saliva on the

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Assessment of peri-implant defects at titanium and zirconium dioxide implants by means of periapical radiographs and cone beam computed tomography: An in-vitro examination. Steiger-Ronay V, Krcmaric Z, Schmidlin PR, Sahrman P, Wiedemeier DB, Benic GI. *Clin Oral Implants Res.* 2018 Dec;29(12):1195-1201.

Temperature-dependent erosivity of drinks in a model simulating oral fluid dynamics. Steiger-Ronay V, Steingruber A, Becker K, Aykut-Yetkiner A, Wiedemeier DB, Attin T. *J Dent.* 2018 Mar;70:118-123.

Location of unaccessible implant surface areas during debridement in simulated peri-implantitis therapy. Steiger-Ronay V, Merlini A, Wiedemeier DB, Schmidlin PR, Attin T, Sahrman P. *BMC Oral Health.* 2017 Nov 28;17(1):137.

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The in Vitro Antimicrobial Efficacy of PDT against Periodontopathogenic Bacteria. Haag PA, Steiger-Ronay V, Schmidlin PR. *Int J Mol Sci.* 2015 Nov 13;16(11):27327-38.

Retrospective evaluation of CAD/CAM cantilever reconstructions to restore compromised posterior teeth - a preliminary report. Ronay V, Bindl A, Sahrman P, Schmidlin PR. *Int J Prosthodont.* 2014 Mar-Apr;27(2):165-8.

Expression of embryonic stem cell markers and osteogenic differentiation potential in cells derived from periodontal granulation tissue. Ronay V, Belibasakis GN, Attin T, Schmidlin PR, Bostanci N. *Cell Biol Int.* 2014 Feb;38(2):179-86.

Povidone-iodine gel and solution as adjunct to ultrasonic debridement in nonsurgical periodontitis treatments: An RCT pilot study. Sahrman P, Imfeld T, Ronay V, Attin T, Schmidlin PR. *Quintessence Int.* 2014 Apr;45(4):281-90.

Labial soft tissue volume evaluation of different techniques for ridge preservation after tooth extraction: a randomized controlled clinical trial. Schneider D, Schmidlin PR, Philipp A, Annen BM, Ronay V, Hämmerle CH, Attin T, Jung RE. *J Clin Periodontol.* 2014 Jun;41(6):612-7.

Three-dimensional defect evaluation of air polishing on extracted human roots. Sahrman P, Ronay V, Schmidlin PR, Attin T, Paqué F. *J Periodontol.* 2014 Aug;85(8):1107-14.

In vitro evaluation of the erosive potential of viscosity-modified soft acidic drinks on enamel. Aykut-Yetkiner A, Wiegand A, Ronay V, Attin R, Becker K, Attin T. *Clin Oral Investig.* 2014 Apr;18(3):769-73.

In vitro evaluation of the oxidation efficacy of transgingival photodynamic therapy. Ronay V, Buchalla W, Sahrman P, Attin T, Schmidlin PR. *Acta Odontol Scand.* 2013 Sep;71(5):1216-20.

Infected periodontal granulation tissue contains cells expressing embryonic stem cell markers - a pilot study. Ronay V, Belibasakis GN, Schmidlin PR, Bostanci N. *Schweiz Monatsschr Zahnmed.* 2013;123(1):12-6.

Cleaning potential of glycine air-flow application in an in vitro peri-implantitis model. Sahrman P, Ronay V, Sener B, Jung RE, Attin T, Schmidlin PR. *Clin Oral Implants Res.* 2013 Jun;24(6):666-70.

Cerec reconstruction of a hemisected mandibular molar: method and case report. Ronay V, Sahrman P, Ender A, Bindl A, Schmidlin PR. *Int J Comput Dent.* 2012;15(1):55-66.

Clearance of topically-applied PVP-iodine as a solution or gel in periodontal pockets in men. Sahrman P, Sener B, Ronay V, Attin T, Schmidlin PR. *Acta Odontol Scand.* 2012 Dec;70(6):497-503.

Black stain - a review. Ronay V, Attin T. *Oral Health Prev Dent.* 2011;9(1):37-45. Review.

Current status and perspectives of mucogingival soft tissue measurement methods. Ronay V, Sahrman P, Bindl A, Attin T, Schmidlin PR. *J Esthet Restor Dent.* 2011 Jun;23(3):146-56.

Mandibular arch form: the relationship between dental and basal anatomy. Ronay V, Miner RM, Will LA, Arai K. *Am J Orthod Dentofacial Orthop.* 2008 Sep;134(3):430-8.