

## Ursula Graf-Hausner

### List of Selected Publications

<http://www.ncbi.nlm.nih.gov/pubmed/?term=graf-hausner>

#### 1. Peer reviewed articles

- Rimann M, Bono E, Annaheim H, Bleisch M, Graf-Hausner U. Standardized 3D Bioprinting of Soft Tissue with Human Primary Cells. J Lab Autom. 2015 Jan 21. Doi: 10.1177/12211068214567146
- Rimann M, Laternser S, Gvozdenovic A, Muff R, Fuchs B, Kelm JM, Graf-Hausner U. An in vitro osteosarcoma 3D microtissue model for drug development. J Biotechnol. 2014 Nov 10; 189: 129-35
- Rimann M, Angres B, Patocchi-Tenzer I, Braum S, Graf-Hausner U. Automation of 3D cell culture using chemically defined hydrogels. Journal of Laboratory Automation, 2014, 19(2): 191-197
- Thoma DS, Hämmerle CH, Cochran DL, Jones AA, Görlach C, Uebersax L, Mathes S, Graf-Hausner U and Jung RE. Soft tissue volume augmentation by the use of collagen-based matrices in the dog mandible – a histological analysis. Journal of Clinical Periodontology 2011, 38(11):1063-1070
- Francini N, Wuertz K, Patocchi-Tenzer I, Durner R, Boos N, Graf-Hausner U. Development of a novel automated cell isolation, expansion, and characterization platform. Journal of Laboratory Automation, 2011, 16:204-213
- Mathes SH, Wohlwend L, Uebersax L, von Mentlen R, Thoma DS, Jung RE, Görlach C, Graf-Hausner U. A bioreactor test system to mimic the biological and mechanical environment of oral soft tissues and to evaluate substitutes for connective tissue grafts. Biotechnology and Bioengineering, 2010, 107:1029-1039
- Thoma DS, Jung RE, Schneider D, Cochran DL, Ender A, Jones AA, Görlach C, Uebersax L, Graf-Hausner U, Hämmerle CH. Soft tissue volume augmentation by the use of collagen-based matrices: a volumetric analysis. Journal of Clinical Periodontology, 2010, 37:659-666
- Bono E, Mathes SH, Francini N, Graf-Hausner U. Tissue engineering - the gateway to regenerative medicine. CHIMIA International Journal of Chemistry, 2010, 64:808-812
- Mauth C, Bono E, Haas S, Paesold G, Wiese H, Maier G, Boos N and Graf-Hausner U. Cell-seeded polyurethane-fibrin structures - a possible system for intervertebral disc regeneration. European Cells and Materials, 2009, 18:27-39

#### 2. Reviews

- Mathes SH, Ruffner H, Graf-Hausner U. The use of skin models in drug development. Adv Drug Delivery Rev. 2014 Apr; 69-70:81-102. Doi: 10.1016/j.addr.2013.12.006
- Rimann M and Graf-Hausner U. Synthetic 3D multicellular systems for drug development. Current Opinion in Biotechnology 2012, 23(5):803-809

#### 3. Book chapters

- Ruffner H., Graf-Hausner U., Mathes S. (2016). Skin Models for Drug Development and Biopharmaceutical Industry. In M.Z. Albanna, J.H. Holmes IV (Eds.), *Skin tissue Engineering and Regenerative Medicine* (pp. 357-386). Boston, MA: Elsevier Academic Press.
- Francini N, Poggendorf I, Cavalier C, Kelm JM, Moritz W and Graf-Hausner U. Automated disposable systems: application reports. Single-use technology in

biopharmaceutical manufacture, 2011, S. 281-294. A John Wiley & Sons, INC., Publication, New Jersey

- Mauth C, Huwig A, Graf-Hausner U and Roulet JF. Restorative applications for dental pulp therapy. In Topics in Tissue Engineering: Vol 3, II Dental TE, 2007. Eds. N Ashammakhi, R Reis & E Chiellini 2007