

CONFERENCE ABSTRACTS

Arvin Pal, Ling Chen, Bo Meng, Lynn Yang, Misun Kang, Andrew Jheon, Sunita Ho, Spatiotemporal Mapping of Mechanically Stimulated Periodontal Complexes, IADR, San Francisco, CA, 2017

Ling Chen, Yongmei Wang, Daniel Bikle, Sunita Ho, Ephrin B2 Deletion Could Prompt Site-Specific Bone Types During Fracture Healing, IADR, San Francisco, CA, 2017

Caleb Tam, Jeremy Lin, Andrew Jang, Youngho Seo, Samuel Webb, Sunita Ho, Periodontal Disease and Tooth Movement: A Frequency-Based Interpretation, IADR, San Francisco, CA, 2017

Ling Chen, Ryan Hsi, Nashville, TN, Benjamin Sherer, Marshall Stoller, Sunita Ho, Autofluorescence of Randall's plaque precursors, American Urological Association (AUA), Boston, MA, 2017

Benjamin Sherer, Sunita Ho, Marshall Stoller, Systemic Biomineralization in Kidney Stone Formers, American Urological Association (AUA), Boston, MA, 2017

Matthew Hennefarth, Ling Chen, Ryan Hsi, Misun Kang, Amanda Reed-Maldonado, Guiting Lin, Marshall Stoller, Tom Lue, Sunita Ho, The Mouse Corpus Cavernosum Glandus is Biomechanically Analogous to the Human Corpus Cavernosum, American Urological Association (AUA), Boston, MA, 2017

Symposium Abstract submitted to develop Cell and Tissue-Biomaterial Interactions Track in the Society for Biomaterials: Sunita Ho, Stuart Goodman, Danieli Rodrigues, Antonio Nanci, Society for Biomaterials, Minneapolis, MN, 2017

Ling Chen, Matthew Hennefarth, Misun Kang, Scott Wiener, Tom Lue, Marshall Stoller, Sunita Ho, The spatial distribution of inorganic nanoparticles within calcified Peyronie's plaque, American Urological Association (AUA), San Francisco, CA, 2018

Scott Wiener, Nicholas Jaber, Sofia Iribarren, Misun Kang, Jolie Chang, Marshall Stoller, Sunita Ho, Salivary and kidney stones: insights into pathologic biomineralization, American Urological Association (AUA), San Francisco, CA, 2018

Scott Wiener, Misun Kang, Marshall Stoller, Sunita Ho, Architecture guided fluid propulsion in a simulated nephron, American Urological Association (AUA), San Francisco, CA, 2018

Rui He, Ling Chen, Misun Kang, Liangjun Zhong, Sunita Ho, Insights into Biomineralization of Pulp in a Human Tooth, American Association for Dental Research (AADR), Fort Lauderdale, FL, 2018

Angela Chen, A. Jeng, L. Chen, R. He, M. Kang, Y. Zhang, S. P. Ho, pH Regulators in Mechanobiologically Active Sites of the Dentoalveolar Complex, American Association for Dental Research (AADR), Fort Lauderdale, FL, 2018

Ann Marie Jeng, A. Chen, M. Kang, R. He, L. Chen, Y. Zhang, S. P. Ho, Strain- and Mineral-modulating Molecules in the Mechanobiologically Active Sites of a Dentoalveolar Fibrous Joint, American Association for Dental Research (AADR), Fort Lauderdale, FL, 2018

Pranav Akella, Misun Kang, Kyle Chan, Michael A. Samaan, Andrew Jheon, Richard B. Souza, Sunil Kapila, Sunita P. Ho, Correlating Jaw and Tooth Movements using Optical Tracking and X-ray CT Technologies, American Association for Dental Research (AADR), Fort Lauderdale, FL, 2018

Riley, D. Heywood, M. Kang, T. Kenny, S. Ho, Sensor to induce and quantify interproximal forces during tooth movement, IADR, Vancouver, BC, Canada, 2019

Sudarshan Srirangapatanam, Vishal Parikh, Misun Kang, Rui He, Sunita P. Ho, Effect of diets on mechanoadaptation of orthodontically moved teeth, March 19, 2020, oral presentation (<https://iadr.abstractarchives.com/abstract/20iags-3329021/effect-of-diets-on-mechanoadaptation-of-orthodontically-moved-teeth>)

Bo Wang, Misun Kang, Michael Baldwin, Tracy Popowics, Sue Herring, Sunita P. Ho, Biomechanics of the Dentoalveolar Fibrous Joints in Mice, Rats, Pigs and Humans, March 21, 2020, oral presentation (<https://iadr.abstractarchives.com/abstract/20iags-3328960/biomechanics-of-dentoalveolar-fibrous-joints-in-mice-rats-pigs-and-humans>)

Keun Hwan. Kim, B. Wang, M. Kang, S. Wheelis, D. Rodrigues, S. P. Ho, Spatiotemporal maps of implant-bone biomechanics in rats, March 21, 2020, poster presentation (<https://iadr.abstractarchives.com/abstract/20iags-3313636/spatiotemporal-maps-of-implant-bone-biomechanics-in-rats>)

Misun Kang, Rosalyn M. Sulyanto, Sunita P. Ho, Zinc in silver diamine fluoride treated carious teeth, poster presentation, March 21, 2020 (<https://iadr.abstractarchives.com/abstract/20iags-3325318/zinc-in-silver-diamine-fluoride-treated-carious-teeth>)

Lea Segdhi, Vincent Blay Roger, Yvonne Kapila, Sunita P. Ho, Food structure drives changes in oral biofilm abundance and architecture, poster presentation, March 20, 2020. (<https://iadr.abstractarchives.com/abstract/20iags-3328276/food-structure-drives-changes-in-oral-biofilm-abundance-and-architecture>)