AAO Foundation Award Final Report

Principal Investigator	Sarandeep S. Huja, D.D.S, Ph.D.
Award Type	Biomedical Research Award.
Project Title	Genetic Regulation of Mandibular Bone Mass and Quality in Inbred Mice.
Project Year	2006
Institution	Section of Orthodontics, The Ohio State University College of Dentistry.
Summary/Abstract (approximately 250 words)	Updated 2008: The specific aims of the project have been realized. The results of this study were published and 2 manuscripts were generated. The results have also been presented at Scientific Meetings. Publications: Meta IF, Fernandez SA, Gulati P, Huja SS (2007) Adaptations in the mandible and appendicular skeleton of high and low bone density inbred mice. Calcif. Tissue Int. 81:107-113 Meta IF, Fernandez SA, Gulati P, Huja SS (2008) Alveolar Process Anabolic Activity in C3H/HeJ and C57BL/6J Inbred Mice. J. Periodontol. 79:1255-1262 Abstract and Meeting Presentations Meta, S. Fernandez, P. Gulati, and **Huja SS**: Establishment of Bone Phenotypes in High and Low BMD Mice. IADR/AADR/CADR 85th General Session in New Orleans, LA, 2007 J Dent Res 86 Special Issue A: Abstract no. 1224, 2007. Meta, IF and **Huja SS**. Adaptations in the Mandible of High and Low Bone Density Inbred Mice. Abstract presented in the 36th International Sun Valley Workshop on Skeletal Tissue Biology, Sun Valley, Idaho, July 30-August 2, 2006