

Dominik R. Haudenschild, Ph.D.

Clinical Interests	Dr. Haudenschild's research focus is in the interactions between the chondrocyte cytoskeleton and signal transduction events which lead to the regulation of gene expression and extracellular matrix synthesis required for the maintenance of health cartilage and the interactions between COMP and ADAMTS enzymes that create osteoarthritis biomarkers.
Title	Assistant Professor
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Education	Ph.D., UC Davis, Davis, California, 2003 B.A., Boston University, Boston, Massachusetts, 1989
Professional Memberships	American Association for Cancer Research, Associate Member International Cartilage Repair Society, Active Member Orthopaedic Research Society, Active Member OsteoArthritis Research Society International, Active Member
Select Recent Publications	Haudenschild DR, Chen J, Pang N, Lotz MK, D'Livia DD; Rho-Kinase-Dependent Activation of SOX9 in Chondrocytes; <i>Arthritis and Rheumatism</i> , 62(1). 2010 Haudenschild DR, Chen J, Steklov N, Lotz MK, D'Lima DD. Characterization of the Chondrocyte Actin Cytoskeleton in Living Three-Dimensional Culture: Response to Anabolic and Catabolic Stimuli. <i>Molecular Cellular Biomechanics</i> , 6(3): 135-144. 2009 Haudenschild DR, D'Lima DD, Lotz MK., Dynamic compression of chondrocytes induces a Rho kinase-dependent reorganization of the actin cytoskeleton. <i>Biorheology</i> . 2008;45(3-4):219-28. Haudenschild DR, Nguyen B, Chen J, D'Lima DD, Lotz MK., Rho kinase-dependent CCL20 induced by dynamic compression of human chondrocytes. <i>Arthritis Rheum</i> . 2008 Sep;58(9):2735-42. T.Kokubu, D.R. Haudenschild, T.A. Moseley, L. Rose, and A.H. Reddi, Immunolocalization of IL-17A, IL-17B, and their Receptors in Chondrocytes During Fracture Healing, <i>Journal of Histochemistry and Cytochemistry</i> 2007; Feb;56(2):89-95.

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