

List of publications related to IBEX collagen biomarker assays

2017

- Boeth H, MacMahon A, Poole AR, Buttgerit F, Onnefjord P et al. (2017). Differences in biomarkers of cartilage matrix turnover and their changes over 2 years in adolescent and adult volleyball athletes. *J Exp Orthop* 4: 1-11.
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- Hatcher CC, Collins AT, Kim SY, Michel LC, Mostertz WC 3rd et al. (2017). Relationship between T1rho magnetic resonance imaging, synovial fluid biomarkers, and the biochemical and biomechanical properties of cartilage. *J Biomech* ;55:18-26.
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- Mündermann A, Klenk C, Billich C, Nüesch C, Pagenstert G et al. (2017). Changes in cartilage biomarker levels during a transcontinental multistage footrace over 4486 km. *Am J Sports Med.* 2017 Jun1:363546517712945.doi:10.1177/0363546517712945. [Epub ahead of print]
- Owens BD, Cameron KL, Bokshan SL, Clifton KB, Svoboda SJ, Wolf, JM. (2017). Serum cartilage biomarkers and shoulder instability. *Orthopedics* 40: 34-6.
- Pietrosimone B, Loeser RF, Blackburn JT, Padua DA, Harkey MS, et al. (2017). Biochemical markers of cartilage metabolism are associated with walking biomechanics six-months following anterior cruciate ligament reconstruction. *J Orthop Res* 2 MAR 2017, DOI: 10.1002/jor.23534
- Tomonaga A, Takahashi T, Tanaka YT, Tsuboi M, Ito K, Nagaoka I. (2017). Evaluation of the effect of salmon nasal proteoglycan on biomarkers for cartilage metabolism in individuals with knee joint discomfort: A randomized double-blind placebo-controlled clinical study. *Exp Ther Med.*14:115-26.

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- Pietrosimone B, Blackburn T, Harkey MS, Luc BA, Hackney AC et al. (2016b). Walking speed as a potential indicator of cartilage breakdown following anterior cruciate ligament reconstruction. *Arthritis Care Res (Hoboken)*. 68: 793-800.
- Poole AR (2016). Current opinion: where are we in our understanding and treatment of osteoarthritis ? *Swiss Med Wkly* 146: w14340.
- Poole AR, Ha N, Bourdon S, Sayre EC, Guermazi A, Cibere J. (2016). Ability of a urine assay of type II collagen cleavage by collagenases to detect early onset and progression of articular cartilage degeneration: Results from a population-based cohort study. *J Rheumatol*. 43:1864-70.
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- Vilar JM, Rubio M, Spinella G, Cuervo B, Sopena J, Cugat R et al. (2016) Serum collagen Type II cleavage epitope and serum hyaluronic acid as biomarkers for treatment monitoring of dogs with hip osteoarthritis. *PLoS ONE* 11(2): e0149472. doi:10.1371/journal.pone.0149472.
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