

1. Record Nr.	UNINA9910782093903321
Titolo	Facilitative Glucose Transporters in Articular Chondrocytes [[electronic resource]] : Expression, Distribution and Functional Regulation of GLUT Isoforms by Hypoxia, Hypoxia Mimetics, Growth Factors and Pro-Inflammatory Cytokines // by Ali Mobasher, Carolyn A. Bondy, Kelle Moley, Alexandrina Ferreira Mendes, Susana Carvalho Rosa, Stephen Richardson, Judith A Hoyland, Richard Barrett-Jolley, Mehdi Shakibaei
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2008
ISBN	3-540-78899-9
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (vi, 88 pages) : illustrations
Collana	Advances in Anatomy, Embryology and Cell Biology, , 2192-7065 ; ; 200
Altri autori (Persone)	MobasherA (Ali)
Disciplina	612.75 613.283
Soggetti	Medicine - Research Biology - Research Orthopedics Endocrinology Biomedical Research Orthopaedics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Articular Cartilage: Structure, Function, and Pathophysiology -- Does Arthritis Have a Nutritional Etiology? -- Metabolic Dysfunction in Arthritis -- Glucose: An Essential Metabolite and Structural Precursor for Articular Cartilage -- Mammalian Sugar Transporter Families: GLUT and SGLT -- Molecular Diversity of Facilitative Glucose Transporters in Articular Chondrocytes -- Regulation of Glucose Transport by Nonsteroidal Anti-inflammatory Drugs -- Glucose Transporters in the Intervertebral Disc -- Glucose Transporter Expression and Regulation in Embryonic and Mesenchymal Stem Cells -- Concluding Remarks.
Sommario/riassunto	Articular cartilage is a unique and highly specialized avascular connective tissue in which the availability of oxygen and glucose is

significantly lower than synovial fluid and plasma. Glucose is an essential source of energy during embryonic growth and fetal development and is vital for mesenchymal cell differentiation, chondrogenesis and skeletal morphogenesis. Glucose is an important metabolic fuel for differentiated chondrocytes during post-natal development and in adult articular cartilage and is a common structural precursor for the synthesis of extracellular matrix glycosaminoglycans.

2. Record Nr.	UNIORUON00299452
Autore	VERGIL, Polydore
Titolo	Polydore Vergil's English history, from an early translation preserved among the mss. of the old royal library in the British Museum. 1.: containing the first eight books comprising The period prior to the Norman conquest / edited by Henry Ellis
Pubbl/distr/stampa	New York ; London, : AMS Press, 1968
Descrizione fisica	xv, 324 p. ; 24 cm.
Disciplina	820
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
