# Pain Genetics: Basic to Translational Science

*From Wiley-Blackwell*
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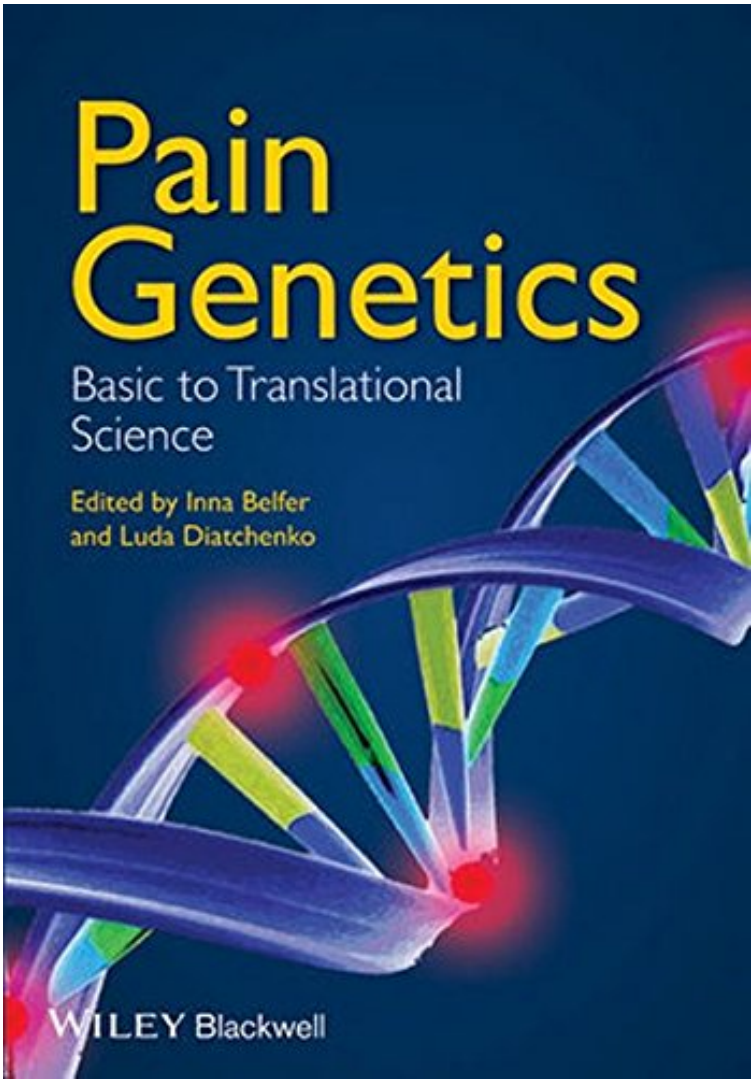




#2372973 in Books 2014-02-03Original language:EnglishPDF # 1 9.70 x .60 x 6.90l, 1.15 #File Name: 111839884X204 pages | File size: 31.Mb

**From Wiley-Blackwell : Pain Genetics: Basic to Translational Science** before purchasing it in order to gage whether or not it would be worth my time, and all praised Pain Genetics: Basic to Translational Science:

0 of 0 people found the following review helpful. Five StarsBy Derek HoffmanExcellent book!0 of 0 people found the following review helpful. Five StarsBy Sheryl A KingBoss says this is a good reference for his low-back pain studies.

Pain Genetics: Basic to Translational Science is a timely synthesis of the key areas of research informing our understanding of the genetic basis of pain. The book opens with foundational information on basic genetic mechanisms underlying pain perception and progresses recently discovered complex concepts facing the field. The

coverage is wide-ranging and will serves as an excellent entry point into understating the genetics of pain as well as providing a single resource for established researchers looking for a better understanding of the diverse strands of research going on in the area. With contributors painstakingly selected to provide a broad range of perspectives and research, Pain Genetics will be a valuable resource for geneticists, neuroscientists, and biomedical professionals alike.

From the Back CoverPain, in small doses, is a valuable survival tool that alerts us to injury, illness, and danger. Chronic pain, as experienced in headache, fibromyalgia, and various other long-lasting disorders, negatively impacts life for a significant percentage of the population. Pain Genetics: Basic to Translational Science explores both the art and the science that is being applied to the study of genetic determinants of pain. The innovative research in this field has allowed for a more profound understanding of pain mechanisms and improving established treatment options. Pain Genetics: Basic to Translational Science describes the current state of pain genetic research. The opening chapters look at fundamental information on basic genetic mechanisms underlying pain perception. Coverage then progresses to look at pain phenotypes and related conditions. The final chapters look to translate our understanding of the genetic underpinning of pain to novel therapeutic approaches and point the direction forward for research in the field. Bringing together the creative and cutting-edge alongside important foundational principles, Pain Genetics: Basic to Translational Science will be an important resource for researchers, clinicians, and advanced students of genetics. Fully explores the latest advances of pain genetics Presents the art and science being applied by leading researchers in the field Discusses the identification of important pain phenotypes Translates basic findings into innovative therapeutic approaches About the AuthorInna Belfer, MD, PhD, is an Associate Professor of Anesthesiology and Human Genetics and Director of the Molecular Epidemiology of Pain Program at the Department of Anesthesiology, School of Medicine, University of Pittsburgh. Luda Diatchenko, MD, PhD, is a Canada Excellence Research Chair in Human Pain Genetics, Professor, Faculty of Medicine, Department of Anesthesia, and Faculty of Dentistry at McGill University, Alan Edwards Centre for Research on Pain.