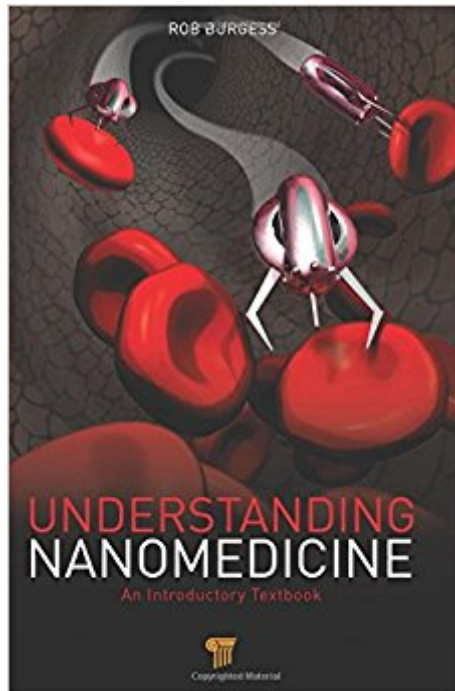




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# **Understanding Nanomedicine: An Introductory Textbook**



## Synopsis

This book comprehensively covers a broad range of therapeutic and diagnostic applications of nanotechnology, providing descriptions of cutting-edge discoveries along with historical perspectives. The text focuses on nanomaterials and nanoparticles, the sectors that hold the most promise for the future of medicine. The author look at how nanotechnology can impact cancer treatment, clinical neuroscience, tissue engineering, drug delivery, and diagnostics. He also discusses the worldwide governmental regulatory impact on nanomedicine.

## Book Information

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"This book is a comprehensive effort to introduce the diverse field of nanomedicine to students. I know of nothing else like it on the market."â •Prof. Rockford K. Draper - University of Texas at Dallas, USA  
"In a single book, Dr. Burgess has done an excellent job in providing the much-needed background in the numerous physical, chemical, and biological methods that are used to enable nanomedicine. This book will be a useful reference for any student in the field of nanomedicine and describes many examples where nanotechnology promises to improve the diagnosis, monitoring, and treatment of disease"â •Dr. Gareth Hughes - Medical Nanotechnologies, Inc., USA

Rob Burgess is a scientist, entrepreneur, businessman, and author who switched scientific disciplines in 2006 at the age of 38 to take a chance on nanotechnology. It changed his life forever. He has held numerous academic and industry-related positions, including research fellow at the

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