

## Foreword

Without an iota of doubt, it is doubly clear that the technological sector is booming across industry verticals. With the penetrative, persuasive and pervasive Internet, the world is deeply connected. Such an extreme connectivity has opened fresh opportunities and possibilities for innovators, individuals and institutions. However, in such an open environment, cybercriminals are becoming hyperactive to steal confidential, customer and corporate information to achieve financial gains. The cyber-attackers are not only behind money but also Access, Delete, or Extort users' sensitive data for fun. These range from DoS (Denial of Service), phishing to eavesdropping attacks. Blockchain is a technology being widely popularized to have the wherewithal to keep data safe from being corrupted or accidentally deleted. This technology has impacted on various industries such as finance, government, energy, healthcare.

Blockchain is widely leveraged in the healthcare industry. With blockchain technology, the healthcare sector can have data efficiency, data access flexibility, interconnection, transparency, and security. Some of the potential applications of blockchain in healthcare services are data security, Clinical Trials & Precision Medicine, Personalizing the Healthcare Services, Healthcare Data Management, Strengthening Public Health Surveillance, e-Healthcare to Customers, Healthcare Administration & Medicine Management, Telehealth & Telemedicine, Managing Medical Imaging, Developing Smart Healthcare System, and Healthcare Information System.

Another important feature of this book is about the deliberations in pharmaceutical industry. Blockchain also can bring efficiencies and real-time transactions in the pharmaceutical industry from the origin to distribution in the healthcare supply chain management.

This edited book titled *Prospects of Blockchain Technology for Accelerating Scientific Advancement in Healthcare* has 11 chapters contributed by renowned authors from various reputed Universities, Institutions and Research organizations. The chapters discuss issues, solutions and future scope in blockchain applications

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in healthcare industries. This book will be beneficial for Academia, Researcher and Practitioners of Healthcare and Blockchain technology,

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