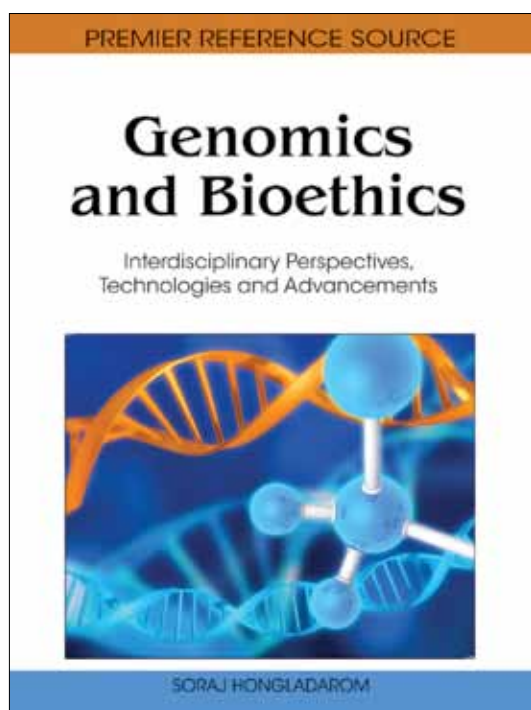


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Genomics and Bioethics: Interdisciplinary Perspectives, Technologies and Advancements



Soraj Hongladarom (Chulalongkorn University, Thailand)

Today's world is one in which science and technology play an essential role in almost every aspect of life. Almost all of the changes that are taking place are due to advances in science and technology, as can be seen in the emergence of the Internet, which has enabled information to explode exponentially in the past few years, and biotechnology, which has made such scenarios as human cloning and genetic manipulation of organisms an everyday reality.

Genomics and Bioethics: Interdisciplinary Perspectives, Technologies and Advancements contributes to the existing gap in interdisciplinary research on comparative studies of cultural, social and ethical implications of genomics and bioinformatics. This work focuses on ethical, social, cultural, and legal implications of genetics, genomics and genetic databanking as they relate to concrete cultural and historical traditions.

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- Collective guardianship for ethical genetic research
- Direct-to-consumer genetic testing
- Ethical and legal aspects of human biobanks
- Human genetic research
- International debates on bioethical issues
- Knowledge and social representations of genomic research
- Moral deliberation over the status of the embryo
- Public health measures and medical intervention
- The concept of 'property' in genetics and databanking
- Using genetic knowledge in nutritional sciences

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Soraj Hongladarom is an associate professor of philosophy and Director of the Center for Ethics of Science and Technology at Chulalongkorn University in Bangkok, Thailand. He has published books and articles on such diverse issues as bioethics, computer ethics, and the roles that science and technology play in the culture of developing countries. His concern is mainly on how science and technology can be integrated into the life-world of the people in the so-called Third World countries, and what kind of ethical considerations can be obtained from such relation. A large part of this question concerns how information technology is integrated in the lifeworld of the Thai people, and especially how such integration is expressed in the use of information technology in education. He is the editor, together with Charles Ess, of *Information Technology Ethics: Cultural Perspectives*, also published by IGI. His works have also appeared in *Bioethics*, *The Information Society*, *AI & Society*, *Philosophy in the Contemporary World*, and *Social Epistemology*, among others.

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