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## Biosensors: Fundamentals and Applications

*From Oxford University Press*

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This truly interdisciplinary work is the first substantial and comprehensive book to describe the biosensor, an important new technology combining the specificity and sensitivity of biological systems with the computing capabilities of the micro-processor. Biosensors hold enormous potential: they can monitor personal health and fitness, the food we eat, and our environment. They can replace the large analytical facilities of industrial and health services with cheap and simple devices anyone can use. This book discusses the large variety of biosensors, their current capabilities, and their present and future applications. The contributors come from a wide range of disciplines reflecting many differences in opinion and approach. The work will be essential reading for scientists in physics, chemistry, and biology, as well as engineers in medicine, electronics, and industry.