

Written by two experienced college professors from the USA, this is the only entry-level textbook on the subject currently available.

The authors begin by explaining some basics in membrane biochemistry, hormone biology, and the concept of receptor based signaling as the main form of communication between cells and of cells with the environment. They then go on to cover each receptor superfamily in detail, including their structure and evolutionary context.

The text concludes with a discussion of those areas in the biosciences where receptors play a crucial role: pharmacology, developmental biology, neurobiology, and evolutionary biology.

Highly accessible, this text is perfectly suited for all courses covering receptor based signaling, regardless of whether they are part of the biology, medicine or pharmacology syllabus.



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