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CELL SIGNALLING BIOLOGY – A FREE RESOURCE BROUGHT TO YOU BY THE BIOCHEMICAL SOCIETY



Cell Signalling Biology

The Biochemical Society makes available via its publisher Portland Press, Cell Signalling Biology, entirely free of charge to the community.

Written by

Professor Sir Michael Berridge
University of Cambridge

More than

150

signalling pathways
illustrated and described

Cell Signalling Biology is an outstanding online resource describing the biology of cell signalling, including:

- A helpful and detailed overview of the fundamentals of cell signalling
- Must-know information on each signalling pathway that is condensed into a concise and clear format via cell signalling maps
- Illustration of how biological processes are regulated
- Explanation of how disruptions in control pathways cause human diseases

Freely available to all, Cell Signalling Biology is especially relevant to researchers, teachers and students in the cellular life sciences.

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The aim of Cell Signalling Biology is to describe cell signalling within its biological context. There has been an explosion in the characterization of signalling components and pathways. The next major challenge is to understand how cells exploit this large signalling toolkit to assemble the specific signalling pathways they require to communicate with each other.

2 Cell signalling pathways

3 Ion channels

4 Sensors and effectors

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9 Cell cycle and proliferation

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11 Cell stress, inflammatory responses and cell death

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