

Structure and Function in Cell Signalling

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Structure and Function in Cell Signalling is a concise and accessible introduction to the dynamic but complex field of signal transduction. Rather than simply cataloguing all signalling molecules and delineating every known pathway, this book aims to break signalling down into common elements and activities – the 'nuts and bolts' of cellular information exchange.

With an emphasis on clarity of presentation throughout, the book teaches the basic principles focusing on a mature core of knowledge, providing students with a foundation of learning in this complex and potentially confusing subject. It also addresses the issue of variation in the numbering of key amino acids as well as featuring interaction with RasMol software, and exercises to aid understanding.

- An accessible introduction to the complex field of cell signalling.
- Interacts with RasMol software – freely downloadable for viewing structures in 3D.
- Includes exercises and clear instructions in the use of RasMol.
- Well illustrated in full colour throughout.

Structure and Function in Cell Signalling will prove invaluable to students across a range of life science degree programmes including biochemistry, cell and molecular biology, physiology, biomedicine and oncology. This book will provide a clear, accessible introduction to this rapidly expanding field.

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