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# Endocytosis and Signaling

 Springer

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# Preface

It is now widely appreciated that cell signalling is highly context dependent. The location and concentration of signalling nodes regulate their activation cycles and engagement with distinct effector pathways. Whilst many cell signalling pathways are initiated from the cell surface, endocytosis provides an opportunity for modulation of the output of signalling networks. In this book, we will highlight how the endosomal system helps to organise and regulate signalling pathways. In a series of reviews, we will firstly focus on the endocytic and endosomal system and describe how these subcellular platforms sort and regulate a wide range of signalling pathway components and phenotypic outputs. We will then review the latest scientific insights into how endocytic trafficking and subcellular location modulate a set of major pathways essential for normal cellular function and organism development.

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