This book describes the discourse of biology from a systemic functional linguistic perspective. It offers a detailed description of resources based on text analysis. The description reveals co-textual patterns of language features and their expressions through grammatical resources, as well as their functions in the disciplinary context. The book also applies the description to analyse student texts in undergraduate biology, revealing characteristics of language and knowledge development. Although the discussion in this book focuses on the discourse of biology, both the language description and the descriptive principle can be used to inform the examination of knowledge in academic discourse in general, making this key reading for students and researchers in systemic functional linguistics, discourse analysis, English for academic purposes, applied linguistics and science education.

Dr Jing Hao is currently a postdoctoral researcher at the Pontificia Universidad Católica de Chile, following her previous postdoctoral position at the Hong Kong Polytechnic University, and her doctorate in linguistics at the University of Sydney. Her research explores knowledge-building through English and Mandarin Chinese and their interaction with other semiotic modes.
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Analysing Scientific Discourse From a Systemic Functional Linguistic Perspective
A Framework for Exploring Knowledge-building in Biology

Jing Hao
To my father, 王恩东, and my mother, 郝亚虹.
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