Fungal Morphogenesis brings together in one book the full scope of fungal developmental biology. The book provides a coherent account of the subject and puts forward ideas that can provide the basis of future research. The treatment also releases fungal morphogenesis from the confines of mycology, showing how and why this eukaryotic Kingdom deserves to be in the mainstream of developmental research.

Throughout, the author blends together physiological, biochemical, structural and molecular descriptions within an evolutionary framework, combining the older literature with the most recent. Sufficient information is provided about fungal biology to give the reader a rounded view of the mycological context within which fungal morphogenesis is played out, without obscuring the broader biological significance. Jargon is avoided, technical terms demystified and readers with a knowledge of basic biology should not need to bring any other knowledge with them, nor need to refer elsewhere, in order to appreciate fungal morphogenesis.

Written by one of the few people with the necessary breadth of research expertise to deal authoritatively with the wide range of topics, this book will appeal to developmental and cell biologists, microbiologists, and geneticists.

Developmental and Cell Biology Series 35.

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Cover illustrations: **Top left:** Micrograph of median vertical section of a fruit body initial of *Coprinus cinereus*. **Top right:** An entire fruit body initial of *Pleurotus pulmonarius* as visualized by scanning electron microscopy. **Bottom left:** The differentiating hymenium of *Coprinus cinereus*. At this stage the hymenium consists of a closely packed layer of young basidia, with occasional large, but still young, cystidia. Paraphyseal branches from sub-basidial cells are evident as more densely-stained hyphal tips, beginning to force their way into the basidial layer. **Bottom right:** Basidium with hypha growing out of a spore.

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