

Our perceptions depend on the proper cellular polarization of our sense organs, such as the eyes or ears. Cellular polarization is key to all cellular functions, and we are just beginning to understand how organs orient their cells to allow for normal function.

**Planar Cell Polarization During Development** is the first comprehensive book on cell planar polarization. Written by an expert in his field, Marek Mlodzik provides a solid foundation of numerous different tissues and models of planar cellular polarity (PCP) establishment. This book examines the different aspects in cellular polarization and its researched role in the *Drosophila*, where the first PCP gene was discovered over 20 years ago.

## KEY FEATURES

- Covers many organisms, such as flies, fish, frogs, and mice
- Offers over 40 exceptional illustrations
- Presents exciting topics such as how humans are polarized, making an embryo work, and hearing and seeing your environment

The series **Advances in Developmental Biology** presents timely issues in the latest developments in biology. It provides annual reviews of selected topics, written from the perspectives of extraordinary leading investigators in the field of development biology.

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