

# CELLULAR ADHESION IN DEVELOPMENT AND DISEASE

Edited by

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Cell adhesion is a fundamental determinant of development in metazoan organisms. For over a century we have endeavored to understand how adhesion helps make multicellular organisms more than just the sum of their parts. In this volume we aim to survey recent developments in understanding how the cellular and molecular mechanisms of adhesion determine the development of organisms and their constituent organs. Topics covered include: the role of adhesion in fundamental developmental processes such as cell sorting, collective cell migration and EMT; contractility and adhesion in morphogenesis; individual contributions of specific adhesion systems to development; and how adhesion systems contribute to organogenesis.

## KEY FEATURES:

- Authoritative and expert contributions from this exciting area of biomedical research
- Comprehensive and state of the art reviews with emphasis on current developments in understanding how adhesion systems affect organismal development

Cover images:

From chapter 9, figure 4A: Integration of chemotaxis, CIL and co-attraction along neural crest cells collective migration, Barriga and Mayor.



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