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#### Sommario/riassunto

Epithelial cells cover the outer and inner surfaces of the body, forming a selective polarized barrier between the intercellular space and the 'external' world. Linking the cells of this continuous layer and contributing to epithelial organization and function are specialized membrane domains--desmosomes, gap junctions, and occluding junctions. The contributors to this multidisciplinary symposium volume explore the nature of such junctional structures, focusing on the molecular organization and diversity of their constituent proteins, their formation and control, and interactions with ions an

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