Al Response:

Cell adhesion refers to the process by which cells interact and attach to neighbo

There are several key components and types of cell adhesion:

- 1. **Adhesion Molecules**: These are proteins that mediate cell adhesion and ar
 - **Cadherins**: These molecules mediate calcium-dependent cell-cell adhesic
 - **Integrins**: These are receptors that facilitate cell-extracellular matrix adhes
 - **Selectins**: These molecules are involved in the adhesion of immune cells
 - **Immunoglobulin Superfamily (IgSF) Proteins**: These proteins are involved
- 2. **Extracellular Matrix (ECM)**: The ECM provides structural support to tissues
- 3. **Cell Communication**: Cell adhesion not only provides physical anchorage I
- 4. **Role in Disease**: Abnormal cell adhesion is implicated in various diseases,

Understanding cell adhesion is crucial in developmental biology, immunology, ar