Types of cells Adjust Plant body cells are living cells with diverse functions ranging from storage and support to photosynthesis and bark loading (cell transport). Plastides do not develop, and secretory organs (ER) and Golgi are spread in the additional primary secretory wall. Plant bod cells have thin, penetrable walls that enable them to transport small molecules between them, and the cytoplasm is responsible for a wide range of biochemical functions such as nectar secretion, or the manufacture of by–products that do not encourage herb. Apart from the texture of the wood and bark found in their vascular bundles, the leaves are mainly made up of the plant's branche tissue cells. Plant body cells that contain many greensmiths and are primarily photosynthesized are called vegetable tissue cells.