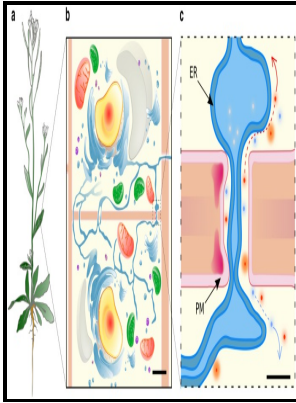


# Intercellular communication in plants - studies on plasmodesmata

Springer-Verlag - 5.6B: Intercellular Junctions



Description: -

-

Keynesian economics.

Interest.

Money.

Employment (Economic theory)

Economics.

Keynes, John Maynard, -- 1883-1946.

Plant cells and tissues

Plant physiology Intercellular communication in plants - studies on plasmodesmata

- Intercellular communication in plants - studies on plasmodesmata

Notes: Includes bibliography and index.

This edition was published in 1976



Filesize: 39.46 MB

Tags: #Figure #2 #from #Plasmodesmata

## Plasmodesmata: the intercellular organelles of green plants

Proteinases play an important role as reagents in laboratory and clinical analyses and in industrial processes.

## Plasmodesmata: the intercellular organelles of green plants

A dashed line is used to connect meristem development and PdBG3 based on gene expression profiling. By connecting candidate PD proteins with specific genetic mutant phenotypes we have revealed roles for PD in plant—pathogen interactions, plant—insect interactions and in lateral root development, opening several new angles of research.

## What Are Plasmodesmata?

Plasmodesmata are junctions between plant cells, whereas animal cell contacts are carried out through tight junctions, gap junctions, and desmosomes. PDBG and PDCB have specialized GPI anchors, which tether them to micro-domains of the PM at PD, which are rich in sphingolipids. The figure shows factors and developmental processes involved in PD closure A or opening B as reported in the literature and discussed in this review.

## Intercellular Communication in Plants: Studies on Plasmodesmata by B.E.S. Gunning, Paperback

These spokes are also present in *Azolla pinnata* roots and in tobacco plants *Nicotiana tabacum*, suggesting that they are a conserved feature;. Naturally, the introduction of the electron microscope allowed the plasmodesmata to be studied more closely.

## 5.6B: Intercellular Junctions

Plasmodesmata and the Regulation of Growth and Development. These questions remain unanswered at present? Consequences of Isolation Induced Plasmolytically or Mechanically. Control of Frequency and Distribution of Plasmodesmata.

## Figure 2 from Plasmodium

Plasmodium: the battleground against intruders.

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