On growth and form - spatio-temporal pattern formation in biology

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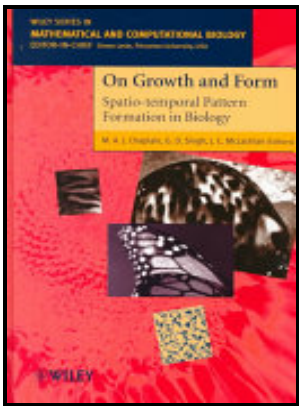

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Growth

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Frontiers

A summary of the different edge motility states as well as their associated F-actin, adhesion and Rho GTPase activation dynamics is shown in.

ShieldSquare

However, a potential mechanosensitive pathway , seems to re-activate RhoA and re-enforce actin retrograde flow to counteract actin polymerization and stall the edge.

On growth and form: spatio

Their optimum temperature is usually no higher than 10°C. Bars represent average ± s. The next stage in growth is increase in plant size, which is the result of absorption of water and the consequent stretching of the tissues, a process which in the strict sense is not growth at all, since it involves little or no increase in the characteristic material of the plant itself.

Growth

Cdc42 activity then intensified during PDGF-induced protrusion, stalling and retraction. PDGF pulse-induced spatio-temporal Rho GTPase activation dynamics. Experiment to Study Phases of Growth : Germinate a few seeds of Pea or Bean in moist saw dust.

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