Effects of electromagnetic cell communication

Studies on electromagnetic cell communication look for cell reactions as a response to electromagnetic signals emitted from one cell population onto another. These responses are, e.g., molecule synthesis, energy uptake or regulation of population size.

With an ecological perspective results from within one species, the unicellular aquatic organism *Paramecium caudatum*, are presented as well as effects induced within two species.

The studies were originally motivated by works on *mitogenetic radiation* that began one century ago. Recent works suggest to loosen the constricting meaning of the term as what we find is *electromagnetic self-regulation of cells.*

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