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Altri autori (Persone)	NottPatrick TempleMatthew
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Attachment of cells is regulated by monochromatic radiation in red and near infrared optical region via a novel retrograde mitochondrial signaling pathway / Tiina I. Karu -- Forces at adhesive contacts / Thuc-Nghi Nguyen and Soichiro Yamada -- Cell adhesion molecules for uterine receptivity to human embryo implantation / Maryam Kabir-Salmani, Michiko N. Fukuda -- Control of cell-cell-adhesion by SRC kinase : implications for cancer progression / E. Davis -- Novel data on cell adhesion / Adam Curtis -- CADM1 : a new mast-cell adhesion molecule that mediates interaction with fibroblasts, nerves, and smooth muscles / Akihiko Ito and Man Hagiyama -- Carbon nanoparticles as substrates for cell adhesion and growth / Lucie Bacakova ... [et al.] -- Diabetes increases risk for oral carcinogenesis by induction of cell proliferation and reduction of cell adhesion. An animal model study / Christos Yapijakis -- Expression of molecules with a potential for modulating interaction with extracellular matrices on hepatic stellate cells : neural cell adhesion molecules and osteonectin / Kazuki Nakatani ... [et al.] -- Epithelial cell adhesion molecule EpCAM : past, present, and future / Olivier Gires, Dorothea Maetzel, and Markus Munz -- Mucin coating for controlled cell-material interaction / Tomas Sandberg.
Sommario/riassunto	Cell adhesion is the binding of a cell to another cell or to a surface or matrix. This book discusses the mitochondrial retrograde signalling, a

cellular signalling pathway, that may work in irradiated mammalian cells. It also reviews the question whether radiation of visible and near IR radiation can activate this cellular signalling pathway.