

Contents

HARRIS, A. K., STOPAK, D. <i>and</i> WARNER, P. Generation of spatially periodic patterns by a mechanical instability: a mechanical alternative to the Turing model	1–20
TODT, W. L. <i>and</i> FALLON, J. F. Development of the apical ectodermal ridge in the chick wing bud	21–41
TOGASHI, S. <i>and</i> OKADA, M. Arrest of intravitelline mitoses in <i>Drosophila</i> embryos by u.v. irradiation of the egg surface	43–61
BOYD, S. M., HOOPER, M. L. <i>and</i> WYLLIE, A. H. The mode of cell death associated with cavitation in teratocarcinoma-derived embryoid bodies	63–74
KAUFMAN, M. H., EVANS, M. J., ROBERTSON, E. J. <i>and</i> BRADLEY, A. Influence of injected pluripotential (EK) cells on haploid and diploid parthenogenetic development	75–86
NOTHDURFT, W., BRAASCH, E., CALVO, W., PRÜMMER, O., CARBONELL, F., GRILLI, G. <i>and</i> FLIEDNER, T. M. Ontogeny of the granulocyte/macrophage progenitor cell (GM-CFC) pools in the beagle	87–103
GUMPEL-PINOT, M., EDE, D. A. <i>and</i> FLINT, O. P. Myogenic cell movement in the developing avian limb bud in the presence and absence of the apical ectodermal ridge (AER)	105–125
LU, Y. L., SOBIS, H., VAN HOVE, L. <i>and</i> VANDEPUTTE, M. Differentiation potentiality of rat visceral yolk sac in organ culture	127–136
YASUGI, S. Differentiation of allantoic endoderm implanted into the presumptive digestive area in avian embryos. A study with organ-specific antigens	137–153
TAKANO, J. <i>and</i> SUGIYAMA, T. Genetic analysis of developmental mechanisms in hydra XII. Analysis of chimaeric hydra produced from a normal and a slow-budding strain (L4)	155–173
MEIER, S. <i>and</i> DRAKE, C. SEM localization of cell-surface-associated fibronectin in the cranium of chick embryos utilizing immunolatex microspheres	175–195
NEFF, A. W., WAKAHARA, M., JURAND, A. <i>and</i> MALACINSKI, G. M. Experimental analyses of cytoplasmic rearrangements which follow fertilization and accompany symmetrization of inverted <i>Xenopus</i> eggs	197–224
NICHOLS, J. <i>and</i> GARDNER, R. L. Heterogeneous differentiation of external cells in individual isolated early mouse inner cell masses in culture	225–240
GARCÍA-PORRERO, J. A., COLVÉE, E. <i>and</i> OJEDA, J. L. Cell death in the dorsal part of the chick optic cup. Evidence for a new necrotic area	241–249
GARDNER, R. L. An <i>in situ</i> cell marker for clonal analysis of development of the extraembryonic endoderm in the mouse	251–288
SLACK, J. M. W. Regional biosynthetic markers in the early amphibian embryo	289–319
SLACK, J. M. W. <i>In vitro</i> development of isolated ectoderm from axolotl gastrulae	321–330
INDEX OF AUTHORS AND TITLES	331–332
SUBJECT INDEX	333–335