

## Contents

TAKEICHI, T. <i>and</i> KUBOTA, H. Structural basis of the activation wave in the egg of <i>Xenopus laevis</i>	1-16
LEHTONEN, E., WARTIOVAARA, J. <i>and</i> REIMA, I. Cell relationships during aggregation between preimplantation embryos and teratocarcinoma-derived cells	17-35
DEPARIS, P. <i>and</i> JAYLET, A. The role of endoderm in blood cell ontogeny in the newt <i>Pleurodeles waltl</i>	37-47
MINKOFF, R. Cell cycle analysis of facial mesenchyme in the chick embryo I. Labelled mitoses and continuous labelling studies	49-59
MINKOFF, R. <i>and</i> MARTIN, R. E. Cell cycle analysis of facial mesenchyme in the chick embryo II. Label dilution studies and developmental fate of slow cycling cells	61-73
STERN, C. D. <i>and</i> BELLAIRS, R. The roles of node regression and elongation of the <i>area pellucida</i> in the formation of somites in avian embryos	75-92
BECHTOL, K. B. Characterization of a cell-surface differentiation antigen of mouse spermatogenesis: timing and localization of expression by immunohistochemistry using a monoclonal antibody	93-104
FROST, S. K., EPP, L. G. <i>and</i> ROBINSON, S. J. The pigmentary system of developing axolotls I. A biochemical and structural analysis of chromatophores in wild-type axolotls	105-125
FROST, S. K., EPP, L. G. <i>and</i> ROBINSON, S. J. The pigmentary system of developing axolotls II. An analysis of the melanoid phenotype	127-142
SHI, W-K. <i>and</i> HEATH, J. K. Apolipoprotein expression by murine visceral yolk sac endoderm	143-152
FERRARI, P. A. <i>and</i> KOCH, W. E. Development of the iris in the chicken embryo I. A study of growth and histodifferentiation utilizing immunocytochemistry for muscle differentiation	153-167
FERRARI, P. A. <i>and</i> KOCH, W. E. Development of the iris in the chicken embryo II. Differentiation of irideal muscles <i>in vitro</i>	169-183
FRENCH, V. The structure of supernumerary leg regenerates in the cricket	185-209
MARO, B., JOHNSON, M. H., PICKERING, S. J. <i>and</i> FLACH, G. Changes in actin distribution during fertilization of the mouse egg	211-237
MC SHERRY, G. M. Mapping of cortical histogenesis in the ferret	239-252
MÜLLER, W. A. Retinoid and pattern formation in a hydroid	253-271
MAREEL, M., BELLAIRS, R., DE BRUYNE, G. <i>and</i> VAN PETEGHEM, M. C. Effect of microtubule inhibitors on the expansion of hypoblast and margin of overgrowth of chick embryos	273-286
NIJHOUT, H. F. Colour pattern modification by coldshock in Lepidoptera	287-305
INDEX OF AUTHORS AND TITLES	307-308
SUBJECT INDEX	309-312