

Contents

Volume 102 (3) 1988

ESSAY IN DEVELOPMENT

- Mercola, M. and Stiles, C. D.**
Growth factor superfamilies and mammalian embryogenesis 451
- CONTRIBUTED PAPERS**
- Sandberg, M., Vuorio, T., Hirvonen, H., Alitalo, K. and Vuorio, E.**
Enhanced expression of TGF- β and *c-fos* mRNAs in the growth plates of developing human long bones 461
- Risau, W., Sariola, H., Zerwes, H.-G., Sasse, J., Ekblom, P., Kemler, R. and Doetschman, T.**
Vasculogenesis and angiogenesis in embryonic-stem-cell-derived embryoid bodies 471
- Humphrey, M. F. and Stuermer, C. A. O.**
Tectal pathways of regenerating goldfish optic axons after nasal or temporal half retinal removal 479
- Baker, N. E.**
Transcription of the segment-polarity gene *wingless* in the imaginal discs of *Drosophila*, and the phenotype of a pupal-lethal *wg* mutation 489
- Lemke, G. and Chao, M.**
Axons regulate Schwann cell expression of the major myelin and NGF receptor genes 499
- Néant, I. and Guerrier, P.**
Meiosis reinitiation in the mollusc *Patella vulgata*. Regulation of MPF, CSF and chromosome condensation activity by intracellular pH, protein synthesis and phosphorylation 505
- Grainger, R. M., Henry, J. J. and Henderson, R. A.**
Reinvestigation of the role of the optic vesicle in embryonic lens induction 517
- Ikenishi, K. and Tsuzaki, Y.**
The positional effect of presumptive primordial germ cells (pPGCs) on their differentiation into PGCs in *Xenopus* 527
- Wilson, M. A., Taylor, J. S. H. and Gaze, R. M.**
A developmental and ultrastructural study of the optic chiasma in *Xenopus* 537
- Godsave, S. F., Isaacs, H. V. and Slack, J. M. W.**
Mesoderm-inducing factors: a small class of molecules 555
- Hirobe, T.**
Developmental changes of the proliferative response of mouse epidermal melanocytes to skin wounding 567
- Wood, A. and Timmermans, L. P. M.**
Teleost epiboly: a reassessment of deep cell movement in the germ ring 575
- Ng, S. F.**
Cortical positioning and the fate of oral structures during the sexual process in amiconucleate homopolar tandems of *Paramecium* 587
- Lee, S. H., Ahuja, K. K., Gilbert, D. J. and Whittingham, D. G.**
The appearance of glycoconjugates associated with cortical granule release during mouse fertilization 595
- Greenburg, G. and Hay, E. D.**
Cytoskeleton and thyroglobulin expression change during transformation of throid epithelium to mesenchyme-like cells 605
- Argüello, C., Alanis, J. and Valenzuela, B.**
The early development of the atrioventricular node and bundle of His in the embryonic chick heart. An electrophysiological and morphological study 623