

Index of Authors

- AUCLAIR, C. *See* MESSIER, PAUL-EMIL.
- BARTON, S. C. *See* GARDNER, R. L.
- BENAZZI, MARIO. *See* GRASSO, MARIO
- BENNETT, DOROTHEA. *See* SPIEGELMAN, MARTHA
- BISBEE, JOHN W. Size determination in *Hydra*: The roles of growth and budding 1
- BOILLY, B. Induction d'une queue et de parapodes surnuméraires par déviation de l'intestin chez les Nereidae (Annélides Polychètes) 329
- BOWMAN, PATRICIA. *See* MCLAREN, ANNE
- CLARKE, M. *See* HICKLIN, J.
- COGGINS, PETER B. The effect of X-radiation on spermatogenesis and the fertility of *Schistocerca gregaria* (Forsk.) 163
- COOKE, J. Properties of the primary organization field in the embryo of *Xenopus laevis*. IV. Pattern formation and regulation following early inhibition of mitosis 49
- COOKE, J. Properties of the primary organization field in the embryo of *Xenopus laevis*. V. Regulation after removal of the head organizer, in normal early gastrulae and in those already possessing a second implanted organizer 283
- CRUTCHFIELD, FLOY L. *See* KULANGARA, ABRAHAM C.
- CRUTCHFIELD, FLOY L. and KULANGARA, ABRAHAM C. Passage of bovine serum albumin from the mother to rabbit blastocysts. I. Passage from the circulation to uterine lumen 459
- DEOL, M. S. The role of the tissue environment in the expression of spotting genes in the mouse 483
- DHOUAILLY, DANIELLE. Dermo-epidermal interactions between birds and mammals: differentiation of cutaneous appendages 587
- EDE, D. A. *See* HINCHLIFFE, J. R.
- EGUCHI, GORO and WATANABE, KENJI. Elicitation of lens formation from the 'ventral iris' epithelium of the newt by a carcinogen, *N*-methyl-*N'*-nitro-*N*-nitrosoguanidine 63
- FOX, H. Degeneration of the nerve cord in the tail of *Rana temporaria* during metamorphic climax: study by electron microscopy 377
- GARDNER, R. L., PAPAIOANNOU, V. E. and BARTON, S. C. Origin of the ectoplacental cone and secondary giant cells in mouse blastocysts reconstituted from isolated trophoblast and inner cell mass 561
- GINSBERG, L. and HILLMAN, N. ATP metabolism in cleavage-staged mouse embryos 267
- GRASSO, MARIO and BENAZZI, MARIO. Genetic and physiologic control of fissioning and sexuality in planarians 317
- GRAVER, HERBER T. The polarity of the dental lamina in the regenerating salamander jaw 635
- GRÜNEBERG, H. and LEE, A. J. The anatomy and development of brachypodism in the mouse 119

Index of Authors

| | |
|---|-----|
| HALE, L. J. Morphogenetic properties of the parts of the colony of <i>Clytia johnstoni</i> | 773 |
| HICKLIN, J., HORNBRUCH, A., WOLPERT, L. and CLARKE, M. Positional information and pattern regulation in hydra: the formation of boundary regions following axial grafts | 701 |
| HICKLIN, J. and WOLPERT, L. Positional information and pattern regulation in hydra: formation of the foot end | 727 |
| HICKLIN, J. and WOLPERT, L. Positional information and pattern regulation in hydra: the effect of γ -radiation | 741 |
| HILLMAN, N. See GINSBERG, L. | |
| HINCHLIFFE, J. R. and EDE, D. A. Cell death and the development of limb form and skeletal pattern in normal and <i>wingless</i> (ws) chick embryos | 753 |
| HORNBRUCH, A. See HICKLIN, J. | |
| HORNBY, JANET E. Measurements of cell adhesion. I. Quantitative studies of adhesion of embryonic chick cells | 499 |
| HORNBY, JANET E. Measurements of cell adhesion. II. Quantitative study of the effect of divalent ions on cell adhesion | 511 |
| HUGHES, ARTHUR. The development of dorsal root ganglia and ventral horns in the opossum. A quantitative study | 359 |
| IMOH, HIROSHI and KAWAKAMI, IZUMI. Histone synthesis during development of <i>Triturus</i> embryos | 73 |
| IMOH, HIROSHI and MINAMIDANI, TSUTOMU. Changes in protein during development of <i>Triturus</i> embryos. I. Contents and syntheses of soluble or basic protein of cell components | 647 |
| JENKINSON, E. J. and WILSON, I. B. <i>In vitro</i> studies on the control of trophoblast outgrowth in the mouse | 21 |
| JOHNSON, G. R. and JONES, R. O. Differentiation of the mammalian hepatic primordium <i>in vitro</i> . I. Morphogenesis and the onset of haematopoiesis | 83 |
| JONES, R. O. See JOHNSON, G. R. | |
| JURAND, A. Teratogenic activity of methadone hydrochloride in mouse and chick embryos | 449 |
| KAWAKAMI, IZUMI. See IMOH, HIROSHI | |
| KULANGARA, ABRAHAM C. See CRUTCHFIELD, FLOY L. | |
| KULANGARA, ABRAHAM C. and CRUTCHFIELD, FLOY L. Passage of bovine serum albumin from the mother to rabbit blastocysts. II. Passage from uterine lumen to blastocyst fluid | 471 |
| LAWRENCE, PETER A. A clonal analysis of segment development in <i>Oncopeltus</i> (Hemiptera) | 681 |
| LE DOUARIN, NICOLE M. and TEILLET, MARIE-AMIÉE. The migration of neural crest cells to the wall of the digestive tract in avian embryo | 31 |
| LEE, A. J. See GRÜNEBERG, H. | |
| LIVERSAGE, RICHARD A. See VETHAMANY-GLOBUS, SWANI | |
| LIVERSAGE, RICHARD A. See VETHAMANY-GLOBUS, SWANI | |
| LIVERSAGE, RICHARD A. See VETHAMANY-GLOBUS, SWANI | |

Index of Authors

| | |
|---|-----|
| MANEN, CAROL-ANN <i>and</i> RUSSELL, DIANE H. Early cyclical changes in polyamine synthesis during sea-urchin development | 243 |
| MCLAREN, ANNE <i>and</i> BOWMAN, PATRICIA. Genetic effects on the timing of early development in the mouse | 491 |
| MESSIER, PAUL-EMIL <i>and</i> AUCLAIR, C. Inhibition of nuclear migration in the absence of microtubules in the chick embryo | 661 |
| MINAMIDANI, TSUTOMU. <i>See</i> IMO, HIROSHI | |
| MORRIS, GILLIAN M. The ultrastructural effects of excess maternal vitamin A on the primitive streak stage rat embryo | 219 |
| NOVEL, GENEVIEVE. Feather pattern stability and reorganization in cultured skin | 605 |
| PAPAIOANNOU, V. E. <i>See</i> GARDNER, R.L. | |
| RELEXANS, J. C. Transplantations de gonades indifférenciées chez l'hermaphrodite simultané <i>Eisenia foetida</i> (Oligochète, Lumbricidae). Mise en évidence de facteurs locaux (inducteurs?) de la différenciation sexuelle | 143 |
| RITTER, EDMOND J. <i>See</i> SCOTT, WILLIAM J. | |
| RUSSELL, DIANE H. <i>See</i> MANEN, CAROL-ANN | |
| SATO, NORIYUKI. Sex differentiation of the gonad of fry transplanted into the anterior chamber of the adult eye in the teleost, <i>Oryzias latipes</i> | 345 |
| SCOTT, WILLIAM J., RITTER, EDMOND J. <i>and</i> WILSON, JAMES G. DNA synthesis inhibition, cytotoxicity and their relationship to teratogenesis following administration of a nicotinamide antagonist, aminothiadiazole, to pregnant rats | 257 |
| SPIEGELMAN, MARTHA <i>and</i> BENNETT, DOROTHEA. A light- and electron-microscopic study of primordial germ cells in the early mouse embryo | 97 |
| TEILLET, MARIE-AIMÉE. <i>See</i> LE DOUARIN, NICOLE M. | |
| THOROGOOD, P. V. The appearance of muscle protein and myofibrils within the embryonic chick limb-bud | 673 |
| ULLMANN, SUZANNE L. Oogenesis in <i>Tenebrio molitor</i> : Histological and autoradiographical observations on pupal and adult ovaries | 179 |
| VEIN, D. Etude des duplications encéphaliques chez l'embryon de Poulet par implantation de mésoderme ventral présomptif | 301 |
| VETHAMANY-GLOBUS, SWANI <i>and</i> LIVERSAGE, RICHARD A. <i>In vitro</i> studies of the influence of hormones on tail regeneration in adult <i>Diemictylus viridescens</i> | 397 |
| VETHAMANY-GLOBUS, SWANI <i>and</i> LIVERSAGE, RICHARD A. The relationship between the anterior pituitary gland and the pancreas in tail regeneration of the adult newt | 415 |
| VETHAMANY-GLOBUS, SWANI <i>and</i> LIVERSAGE, RICHARD A. Effects of insulin insufficiency on forelimb and tail regeneration in adult <i>Diemictylus viridescens</i> | 427 |
| WATANABE, KENJI. <i>See</i> EGUCHI, GORO | |
| WEBSTER, WILLIAM. Embryogenesis of the enteric ganglia in normal mice and in mice that develop congenital anganglionic megacolon | 573 |
| WILSON, I. B. <i>See</i> JENKINSON, E. J. | |
| WILSON, JAMES G. <i>See</i> SCOTT, WILLIAM J. | |

Index of Authors

- WITKOWSKA, ANNA. Parthenogenetic development of mouse embryos *in vivo*.
I. Preimplantation development 519
- WITKOWSKA, ANNA. Parthenogenetic development of mouse embryos *in vivo*.
II. Postimplantation development 547
- WOLPERT, L. *See* HICKLIN, J.
- WOLPERT, L. *See* HICKLIN, J.
- WOLPERT, L. *See* HICKLIN, J.