Subject Index

Adhesiveness
changes in cell surface in mouse embryo: KIMBER, SURANI & BARTON 133

Annulate lamellae
in oocytes of newt: IMOH 153

Antigen
in mouse preimplantation embryo: RANDLE 261

Axial organization
of axolotl regenerating limbs: MADEN & MUSTAFA 197

Axolotl
axial organization of regenerating limb: MADEN & MUSTAFA 197
protein synthesis during limb regeneration: SLACK 241

Blastocyst
mouse injection of embryonal carcinoma cells: ROSSANT & McBURNEY 99
injection of Friend leukemia cells: CALEF, CRIMI, FRUSCALZO & JUCKER 113

Blastoderm
chick effects of hypoblast removal on epiblast: VANROELEN, VERPLANKEN & VAKAET 189

Cell membrane
agents which affect it in mouse embryos: PRATT, ZIOMEK, REEVE & JOHNSON 113

Cell surface
adhesiveness in mouse embryos: KIMBER, SURANI & BARTON 133
structure during neural induction in Pleurodeles: DUPRAT, GUALANDRIS & ROUGE 171

Chick
blastoderm effects of partial hypoblast removal on epiblast: VANROELEN, VERPLANKEN & VAKAET 189
embryo proteoglycans from developing limb buds: VASAN 61

Chimaeras
between mouse embryo and EC cells: ROSSANT & McBURNEY 99

Ciliary degeneration
during conjugation in Paramecium: WATANABE 19

Compaction
in mouse embryos: PRATT, ZIOMEK, REEVE & JOHNSON 113

Conjugation
of Paramecium: WATANABE 19

Cynops pyrrhogaster
maturation of oocytes: IMOH 153

Dictyostelium discoideum
spatial pattern of aggregation centres: WADDELL 75

Dugesia lugubris
redifferentiation of germ cell during regeneration: GREMIGNI, NIGRO & PUCCINELLI 29

Embryonal carcinoma (EC)
injection into mouse blastocysts: ROSSANT & McBURNEY 99
monoclonal antibody against, used in mouse embryos: RANDLE 261

Epiblast
cell morphology in chick blastoderm: VANROELEN, VERPLANKEN & VAKAET 189

Friend leukemia cells
injected into mouse blastocysts: CALEF, CRIMI, FRUSCALZO & JUCKER 113

Germ cell
redifferentiation in planarian regeneration: GREMIGNI, NIGRO & PUCCINELLI 29

Grafting
operations on axolotl regenerating limbs: MADEN & MUSTAFA 197

H–2Kk
antigen in developing mouse palates: MELNICK, JASKOLL & MARAZITA 45

Hypoblast
effects of removal in chick blastoderm: VANROELEN, VERPLANKEN & VAKAET 189
Subject Index

**Induction**
- neural and cell surface structure: DUPRAT, GUALANDRIS & ROUGE 171

**Innervation**
- in *Xenopus* embryos: DAVIES, KITSON & ROBERTS 215

**Lectins**
- and neural induction in *Pleurodeles*: DUPRAT, GUALANDRIS & ROUGE 171

**Limb buds**
- chick proteoglycans during development: VASAN 61

**Limb regeneration**
- in axolotl: SLACK 241

**Maturation**
- of oocytes in newt: IMOH 153

**Mesectoderm**
- capabilities of avian trunk neural crest: NAKAMURA & AYER-LE LIEVRE 1

**Monoclonal antibody**
- in mouse embryos: RANDLE 261
- study of mouse palate: MELNICK, JASKOLL & MARAZITA 45

**Morphology**
- of epiblast in chick blastoderm: VANREOLEN, VERPLANKEN & VAKAET 189

**Mouse**
- embryo cell surface adhesiveness: KIMBER, SURANI & BARTON 133
- compaction: PRATT, ZIOMEK, REEVE & JOHNSON 113
- development of euploid male terato-carcinoma cell line: ROSSANT & MCBURNNEY 99
- localization of H-2Kk using monoclonal antibody: MELNICK, JASKOLL & MARAZITA 45
- monoclonal antibody reactivity: RANDLE 261
- role of neoplastic cells in development: CALEF, CRIMI, FRUSCALZO & JUCKER 37

**Neural crest**
- mesectodermal capabilities in birds: NAKAMURA & AYER-LE LIEVRE 1

**Neural induction**
- in *Pleurodeles* and cell surface structure: DUPRAT, GUALANDRIS & ROUGE 171

**Neurites**
- in *Xenopus* embryo development: DAVIES, KITSON & ROUGE 215

**Newt**
- oocyte behaviour of annulate lamellae: IMOH 153

**Palate development**
- in mouse embryos: MELNICK, JASKOLL & MARAZITA 45

**Paramaecium**
- ciliary degeneration during conjugation: WATANABE 19

**Pattern formation**
- in aggregation centres of *Dictyostelium*: WADDELL 75

**Pioneer neurites**
- during development of *Xenopus* trigeminal innervation: DAVIES, KITSON & ROBERTS 215

**Planaria**
- redifferentiation of germ cells in regeneration: GREMIGNI, NIGRO & PUCCINELLI 29

**Pleurodeles waltl**
- neural induction and cell surface structure: DUPRAT, GUALANDRIS & ROUGE 171

**Positional information**
- during limb regeneration in axolotl: SLACK 241

**Preimplantation mouse embryos**
- monoclonal antibody reactivity: RANDLE 261

**Protein synthesis**
- during limb regeneration in axolotl: SLACK 241

**Proteoglycans**
- from developing chick limb buds: VASAN 61

**Quail-chick**
- nuclear marker system: NAKAMURA & AYER-LE LIEVRE 1

**Rat**
- embryo formation of yolk-sac-derived teratomas: SOBIS, VAN HOVE & VANDEPUTTE 225

**Redifferentiation**
- of male germ cells in planarian regeneration: GREMIGNI, NIGRO & PUCCINELLI 29

**Regeneration**
- in planaria and redifferentiation of germ cells: GREMIGNI, NIGRO & PUCCINELLI 9
Subject Index

Regeneration
  of axolotl limb: MADEN & MUSTAFA 197

Slime mould
  spatial pattern of aggregation centres: WADDELL 75

Stochastic model
  of pattern of aggregation centres in Dictyostelium: WADDELL 75

Surface structure
  during conjugation in Paramecium: WATANABE 19

Teratocarcinoma
  developmental potential after injection into mouse blastocysts: ROSSANT & MCBURNHEY 99

Teratomas
  induced by displaced visceral yolk sac in rat: SOBIS, VAN HOVE & VANDEPUTTE 225

Trigeminal innervation
  in Xenopus embryos: DAVIES, KITSON & ROBERTS 215

Two-dimensional gels
  study of protein synthesis in axolotl: SLACK 241

Xenopus laevis
  embryo
  peripheral trigeminal innervation: DAVIES, KITSON & ROBERTS 215

Yolk sac
  -derived teratomas in rat embryos: SOBIS, VAN HOVE & VANDEPUTTE 225