Journal of Steroid Biochemistry and Molecular Biology 69 (1999) 493-496

Steroid Biochemistry &
Molecular Biology

SUBJECT INDEX

ACTH

cyclic AMP-independent effects of, on glomerulosa cells of the rat adrenal cortex, 335

Aldo-keto reductase(s)

molecular determinants of steroid recognition and catalysis in, 211

Aldosterone synthase (CYP11B2)

polymorphisms and cardiovascular function, 409

Androgen(s)

current status of, suppression and radiotherapy for patients with prostate cancer, 239

heritability and the risk of developing, excess, 261

receptor(s)

mechanisms of, activation and function, 307

molecuar defects of, 315

therapeutic use of, in women, 177

Antiestrogen(s)

EM-652 (SCH 57068) a third generation SERM acting as a pure, in the mammary gland and endometrium, 51

Proapoptotic effects of, in breast cancer cells, 463

Aromatase

and its inhibitors, 205

expression; do intracrine mechanisms regulate, 447

Brain

steroid metabolising enzymes in the determination of, gender, 85

Breast cancer

estrogen, alcohol risk of, 299

estrone sulfatase versus estrone sulfotransferase in human, 287

intratumoral levels of estrogens in, 293

sex hormone-binding globulin, its membrane receptor and, a new approach to the modulation of estradiol action in neoplastic cells, 473

tamoxifen resistant, coregulators determine the direction of transcription by antagonist-occupied steroid receptors, 45

Breast cancer cells

proapoptotic effects of antiestrogens, progestins and androgen in, 463

Coactivators

nuclear receptor, 3

Central nervous system

androgen-activating enzymes in the, 117

Congenital adrenal hyperplasia

update on prenatal diagnosis and treatment, 19

Cortisol

as a mineralocorticoid in human disease, 403

Cyclic AMP

-dependent protein kinase in testicular cells, 367

CYP11A1 TATA

cell-type specificity of human, box, 329

PII: S0960-0760(99)00085-0

Endometrium

EM-652 (SCH 57068) a third generation SERM acting as a pure antiestrogen in the, 51

Estrogen(s)

alcohol and breast cancer risk, 299

receptor(s)

basis for raloxifene action in bone, 37

a comparison of transcriptional activation by, a and ß 165

Estrogenic chemicals

developmental effects of, are predicted by an in vitro assay incorporating modification of cell uptake by serum, 343 Estrone sulfatase

versus estrone sulfotransferase in human breast cancer, 287

Gender-related brain

prenatal stress and glucocorticoid effects on the developing, 109

Glial cells

progesterone as a neurosteroid: synthesis and actions in, 97

Glucocorticoid(s)

oxysterols, and cAMP with, each cause apoptosis of CEM cells and suppress c-myc, 453 prenatal stress and, effects on the developing gender-related brain, 109 receptor(s)

mutagenesis of the, in mice, 253

11ß-Hydroxysteroid dehydrogenase(s)

type I and II, enzymes, 391

17ß-Hydroxysteroid dehydrogenase(s)

3D-structure of human estrogenic, 1: binding with various steroids, 425

characterization of the HSD17B4 gene: D-specific multifunctional protein 2/, IV, 441

two, of estradiol biosynthesis: 17HSD type 1 and type 7, 431

Hyperinsulinemia

effects of, on vascular blood flows in experimental obesity, 273

Insulin-like growth factor I

autocrine regulation of Leydig cell differentiated functions by, 379

Leydig cells

autocrine regulation of, differentiated functions by insulin-like growth factor 1 and transforming growth factor beta, 379

role of chloride ions in the regulation of steroidogenesis in, 359

Luteinizing hormone

alterations in gonadal steroidogenesis in individuals expressing a common genetic variant of, 281

Mammary gland

EM-652 (SCH 57068) a third generation SERM acting as a pure antiestrogen in the, 51

Menopause

endocrinology of the, 31

progestins in the, 185

Molecular pathology

and mechanism of action of the steroidogenic acute regulatory protein, StAR, 131

c-Myc

suppression of, by glucocorticoids, oxysterols, and cAMP with glucocorticoids, 453

Polycystic ovary syndrome

evidence for a primary disorder of ovarian steroidogenesis, 269

```
Progesterone
  as a neurosteroid: synthesis and actions in rat glial cells, 97
Progestin(s)
  in the menopause, 185
  proapoptotic effects of, in breast cancer cells, 463
Promoter of estrogen receptor
  suppression of gene expression by tethering KRAB domain to, target genes, 155
Prostate cancer
  current status of androgen suppression and radiotherapy for patients with, 239
Raloxifene
  an estrogen receptor basis for, action in bone, 37
Receptor(s)
  androgen(s)
    mechanisms of, activation and function, 307
    molecular defects of, 315
  estrogen(s)
    basis for raloxifene action in bone, 37
    a comparison of transcriptional activation by, \alpha and \beta, 165
  glucocorticoid(s)
    mutagenesis of the, in mice, 253
  nuclear
    coactivators: multiple enzymes, multiple complexes, multiple functions, 3
    human Ad4BP/SF-1 and its related, 323
  steroid(s)
    tamoxifen resistant breast cancer: coregulators determine the direction of transcription by antagonist-occupied, 45
    interactions in the transcriptional regulation exerted by Stat5 and by members of the, family, 195
  vitamin D
    in vivo function of, (VDR) in gene expression-VDR knock-out mice, 253
Salt-sensitive hypertension
  implication of ENAC in, 385
Sex hormone-binding globulin
  mediates steroid hormone signal transduction at the plasma membrane, 481
  membrane receptor of, and breast cancer, 473
Steroidogenesis
  effects of disruption of the mitochondrial electrochemical gradient on, and the steroidogenic acute regulatory (StAR)
    protein, 143
  in vitro studies on the role of the peripheral-type benzodiazepine receptor in, 123
  role of chloride ions in the regulation of, in rat Leydig cells and adrenal cells, 359
Steroidogenic factor 1
  is essential for endocrine development and function, 13
Steroid(s)
  receptor(s)
    coregulators determine the direction of transcription by antagonist-occupied steroid receptors in tamoxifen-
      resistant breast cancer, 45
    interactions in the transcriptional regulation exerted by Stat5 and by members of the, family, 195
Steroid sulphatase inhibitors
  recent advances in the development of, 227
Sulfotransferase
  estrone, versus estrone sulfatase in human breast cancer, 287
```

Tamoxifen-resistant breast cancer

coregulators determine the direction of transcription by antagonist-occupied steroid receptors, 45

Transforming growth factor-ß autocrine regulation of Leydig cell differentiated functions by, 379

UDP-glucuronosyltransferases characterization of, active on steroid hormones, 413

Vitamin D

receptor(s)

in vivo function of, (VDR) in gene expression-VDR knock-out mice, 247