

## Subject index to volume 87

- 21-Acetoxy-pregna-4(5),9(11),16(17)-triene-21-ol-3,20-dione  
conversion of, by *Nocardioides simplex* VKM Ac-2033D, 319
- Adrenocortical cells  
effects of leptin and leptin fragments on steroid secretion of freshly dispersed, in rat, 265
- Aromatase inhibitors  
relationship between aromatase in primary breast tumours and response to treatment with aromatase inhibitors in advanced disease, 149
- 1,1-bis(4-Methoxyphenyl)-2-phenylalkenes  
structure activity relationship studies on C2 side chain substituted, 75
- Breast cancer  
relationship between aromatase in primary, and response to treatment with aromatase inhibitors in advanced disease, 149
- Breast cancer cells  
stable transfection of an estrogen receptor beta cDNA isoform into MDA-MB-231, 47
- Breast epithelial cells  
estrogen and its metabolites are carcinogenic agents in human, 1
- Colon cancer  
17 $\beta$ -hydroxysteroid dehydrogenase type 2: independent prognostic significance and evidence of estrogen protection in female patients with, 133
- Cortical steroid analogues  
flexibility of the endogenous progesterone lactonisation pathway in *Aspergillus tamaris* KITA: transformation of a series of, 301
- Corticosteroid(s)  
effect of, on Caco-2 cell lipids depends on cell differentiation, 157
- Dehydroepiandrosterone  
as an inducer of mitochondrial permeability transition, 279  
with other neurosteroids preserve neuronal mitochondria from calcium overload, 97
- Endometrial cancer  
progesterone regulation of activating protein 1 (AP-1) transcriptional activity: a possible mechanism of progesterone inhibition of, cell growth, 123
- Epitestosterone  
a review on, 27
- Estrogen(s)  
and its metabolites are carcinogenic agents in human breast epithelial cells, 1  
receptor(s)  
mechanisms governing the accumulation of estrogen receptor alpha in MCF-7 breast cancer cells treated with hydroxytamoxifen and related antiestrogens, 207  
p33<sup>ING1b</sup> stimulates the transcriptional activity of the,  $\alpha$  via its activation function (AF) 2 domain, 57  
stable transfection of an, beta cDNA isoform into MDA-MB-231 breast cancer cells, 47

## Farnesoid X

## receptor(s)

in vitro receptor ligand sensor assay using surface plasmon resonance and based on ligand-induced coactivator association, 247

## Fetal–maternal interface

expression of P450 aromatase and 17 $\beta$ -hydroxysteroid dehydrogenase type 1 at, during tubal pregnancy, 241

## Fetal tissues

profiling transcript levels for steroidogenic enzymes in, 181

## Glucocorticoid(s)

agonistic and antagonistic effects of mifepristone and onapristone on thymocyte subset composition and CD26/dipeptidyl peptidase IV activity in infant male rats, 85

## Heat shock protein HSP72

effects of prolonged stanozolol treatment on, levels in rat liver, 269

## Hormone-dependent cancer cells

an overview of nomegestrol acetate selective receptor binding and lack of estrogenic action on, 11

## 2- and 4-Hydroxyestradiol

activation of matrix metalloproteinase-2 and metalloproteinase-9 by, 65

17 $\beta$ -Hydroxysteroid dehydrogenase

oxidative 3 $\alpha$ -hydroxysteroid dehydrogenase activity of human type 10, 191

17 $\beta$ -Hydroxysteroid dehydrogenase type 1

expression of P450 aromatase and, at fetal-maternal interface during tubal pregnancy, 241

17 $\beta$ -Hydroxysteroid dehydrogenase type 2

independent prognostic significance and evidence of estrogen protection in female patients with colon cancer, 133

## Hydroxytamoxifen

mechanisms governing the accumulation of estrogen receptor alpha in MCF-7 breast cancer cells treated with, and related antiestrogens, 207

## Isoflavonoid skeleton

metabolism of the soy isoflavones daidzein, genistein and glycitein in human subjects and identification of new metabolites having an intact, 285

## Keratinocytes

characterization and modulation of sex steroid metabolizing activity in normal human, in primary culture and HaCaT cells, 167

## Leiomyoma

differential expression of Akt/protein kinase B, Bcl-2 and Bax proteins in human, and myometrium, 233

## Leptin

effects of, and leptin fragments on steroid secretion of freshly dispersed rat adrenocortical cells, 265

## Letrozole

the pharmacology of, 35

## Malodorous steroids

production of, from androsta-5,16-dienes and androsta-4,16-dienes by *Corynebacteria* and other human axillary bacteria, 327

## MCF-7 breast cancer cells

mechanisms governing the accumulation of estrogen receptor alpha in, treated with hydroxytamoxifen and related antiestrogens, 207

## Mifepristone

glucocorticoid agonistic and antagonistic effects of, and onapristone on thymocyte subset composition and CD26/dipeptidyl peptidase IV activity in infant male rats, 85

## Myometrium

differential expression of Akt/protein kinase B, Bcl-2 and Bax proteins in human leiomyoma and, 233

## NAD(P)H quinone oxidoreductase

induction of, and glutathione *S*-transferase activities in livers of female August-Copenhagen Irish rats treated chronically with estradiol: comparison with the Sprague–Dawley rat, 199

## Neurosteroids

dehydroepiandrosterone with other, preserve neuronal mitochondria from calcium overload, 97

## Nomegestrol acetate

an overview of, selective receptor binding and lack of estrogenic action on hormone-dependent cancer cells, 111

## Onapristone

glucocorticoid agonistic and antagonistic effects of mifepristone and, on thymocyte subset composition and CD26/dipeptidyl peptidase IV activity in infant male rats, 85

## P450 aromatase

expression of, and 17 $\beta$ -hydroxysteroid dehydrogenase type 1 at fetal–maternal interface during tubal pregnancy, 241

## Progesterone

regulation of activating protein 1 (AP-1) transcriptional activity: a possible mechanism of, inhibition of endometrial cancer cell growth, 123

## Protein 1 (AP-1)

progesterone regulation of activating, transcriptional activity: a possible mechanism of progesterone inhibition of endometrial cancer cell growth, 123

## Receptor(s)

## estrogen(s)

mechanisms governing the accumulation of estrogen receptor alpha in MCF-7 breast cancer cells treated with hydroxytamoxifen and related antiestrogens, 207

p33<sup>ING1b</sup> stimulates the transcriptional activity of the,  $\alpha$  via its activation function (AF) 2 domain, 57

stable transfection of an, beta cDNA isoform into MDA-MB-231 breast cancer cells, 47

## farnesoid X

in vitro receptor ligand sensor assay using surface plasmon resonance and based on ligand-induced coactivator association, 247

## Vitamin D

use of a modified yeast one-hybrid screen to identify BAF60a interactions with the, heterodimer, 223

## Stanozolol

effects of prolonged, treatment on antioxidant enzyme activities, oxidative stress markers, and heat shock protein HSP72 levels in rat liver, 269

## Steroidal malodour

microbial pathways leading to, in the axilla, 105

## Steroidogenic enzymes

profiling transcript levels for, in fetal tissues, 181

## Steroid sulfatase inhibitors

development of novel, synthesis and biological evaluation of biphenyl-4-*O*-sulfamates, 141

## Tetrahydrocortisol–apolipoprotein A–I complex

specific interaction of, with eukaryotic DNA and GCC elements of genes, 309

## Thyroid hormone-regulated glucocorticoid binding peptides

photoaffinity labelling identification of, in rat liver endoplasmic reticulum: an oligomeric protein with high affinity for 16 $\beta$ -hydroxylated stanozolol, 253

## Vitamin D

## receptor(s)

use of a modified yeast one-hybrid screen to identify BAF60a interactions with the, heterodimer, 223

We would like to express our deep thanks to the following persons for their kind collaboration in reviewing papers for this volume of **The Journal of Steroid Biochemistry & Molecular Biology**:

**ADAMSKI J.**, Neuherberg, GERMANY  
**BANIAHMAD A.**, Giessen, GERMANY  
**BRUEGGEMEIER R.W.**, Columbus, U.S.A.  
**CLARKE R.**, Washington, U.S.A.  
**COLDHAM N.**, Addlestone, ENGLAND  
**GECK P.**, Boston, U.S.A.  
**LECLERCQ G.**, Brussels, BELGIUM  
**LUU-THE V.**, Quebec, CANADA