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Sean G. Forrester, Roger K. Prichard and Robin N. Beech

- 1069** Inhibition of type 1 protein phosphatase activity by activation of β -adrenoceptors in ventricular myocardium

Ramesh C. Gupta, John Neumann, August M. Watanabe and Hani N. Sabbah

- 1077** Relative importance of maternal and embryonic microsomal epoxide hydrolase in 7,12-dimethylbenz[a]anthracene-induced developmental toxicity

Masaaki Miyata, Kazuko Motoki, Etsuko Tamura, Masayuki Furukawa, Frank J. Gonzalez and Yasushi Yamazoe

- 1085** Bcl-2 family-mediated apoptotic effects of 3,3'-diindolylmethane (DIM) in human breast cancer cells

Chibo Hong, Gary L. Firestone and Leonard F. Bjeldanes

- 1099** BGP-15 — a novel poly(ADP-ribose) polymerase inhibitor — protects against nephrotoxicity of cisplatin without compromising its antitumor activity

Ildiko Racz, Kalman Tory, Ferenc Gallyas Jr., Zoltán Berente, Erzsébet Osz, Laszlo Jaszlits, Sandor Bernath, Balazs Sumegi, Gyorgy Rabloczky and Peter Literati-Nagy

- 1113** Characterization of the mechanism underlying stonustoxin-mediated relaxant response in the rat aorta *in vitro*

Julia Mei Li Sung, Kerwin Siew Yang Low and Hoon Eng Khoo

- 1119** Apoptosis induced by extracellular ATP in the mouse neuroblastoma cell line N1E-115: studies on involvement of P2 receptors and adenosine

S. Mariëtte Schrier, Bogdan I. Florea, Gerard J. Mulder, J. Fred Nagelkerke and Ad P. IJzerman

- 1127** Inhibition of rat lipoprotein oxidation after tetradecylthioacetic acid feeding

Ziad A. Muna, Oddrun A. Gudbrandsen, Hege Wergedahl, Pavol Bohov, Jon Skorve and Rolf K. Berge

- 1137** Lack of involvement of extracellular signal-regulated kinase (ERK) in the agonist-induced endothelial nitric oxide synthesis

Kurt Schmidt, Hanan D. Gibraeil and Bernd Mayer

- 1143** Characterization of anthracenediones and their photoaffinity analogs

Kai-Ming Chou, A. Paul Krapcho, David Horn and Miles Hacker

CHEMOTHERAPY AND METABOLIC INHIBITORS

- 1149** Overexpression of sorcin, a calcium-binding protein, induces a low level of paclitaxel resistance in human ovarian and breast cancer cells

Hemant K. Parekh, Hong Bing Deng, Khuram Choudhary, Steven R. Houser and Henry Simpkins

NEUROSCIENCE

- 1159** The distribution of copper, zinc- and manganese-superoxide dismutase, and glutathione peroxidase messenger ribonucleic acid in rat basal ganglia

Grazyna Kunikowska and Peter Jenner

HORMONES AND GROWTH FACTORS

- 1165** Structure-activity relationships for inhibition of human 5 α -reductases by polyphenols

Richard A. Hiipakka, Han-Zhong Zhang, Wei Dai, Qing Dai and Shutsung Liao

- 1177** The effects of natural ligands of hormone receptors and their antagonists on telomerase activity in the androgen sensitive prostatic cancer cell line LNCaP Jan Bouchal, Zdeněk Kolář, Jana Mad'arová, Alice Hlobilková and Erwin von Angerer

INFLAMMATION AND IMMUNOPHARMACOLOGY

- 1183** Inhibition of inducible prostaglandin E₂ synthase by 15-deoxy- $\Delta^{12,14}$ -prostaglandin J₂ and polyunsaturated fatty acids

Omar Quraishi, Joseph A. Mancini and Denis Riendeau

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- 1191** Chemokines as novel therapeutic targets in inflammatory diseases

Maureen N. Ajuebor, Mark G. Swain and Mauro Perretti

MOLECULAR AND CELLULAR PHARMACOLOGY

- 1197** Selective inhibition of STAT3 phosphorylation by sodium salicylate in cardiac fibroblasts

Zhongyan Wang, Bingbing Jiang and Peter Brecher

- 1209** *In vitro* pharmacokinetics and pharmacodynamics of 1,3-bis(2-chloroethyl)-1-nitrosourea (BCNU)

Hiroko Ueda-Kawamitsu, Terence A. Lawson and Peter R. Gwilt

- 1219** Biochemical changes associated with a multidrug-resistant phenotype of a human glioma cell line with temozolomide-acquired resistance

Jianguo Ma, Maureen Murphy, Peter J. O'Dwyer, Eric Berman, Karin Reed and James M. Gallo

- 1229** Chronic ethanol administration decreases the ligand binding properties and the cellular content of the mannose 6-phosphate/insulin-like growth factor II receptor in rat hepatocytes

James Haorah, Daniel L. McVicker, James C. Byrd, Richard G. MacDonald and Terrence M. Donohue Jr.

- 1241** Sensitization of human neutrophil defense activities through activation of platelet-activating factor receptors by ginkgolide B, a bioactive component of the *Ginkgo biloba* extract EGB 761

Monique Lenoir, Eric Pedruzzi, Samira Rais, Katy Drieu and Axel Perianin

- 1251** Induction of G₂/M arrest and inhibition of *c-myc* and *p53* transcription by WP631 in Jurkat T lymphocytes

Silvia Villamarín, Neus Ferrer-Miralles, Sylvia Mansilla, Waldemar Priebe and José Portugal

- 1259** Obligatory role of membrane events in the regulatory effect of metformin on the respiratory chain function

Dominique Detaille, Bruno Guigas, Xavier Leverve, Nicolas Wiernsperger and Pierre Devos

- 1273** Distinct binding properties of the AT₁ receptor antagonist [³H]candesartan to intact cells and membrane preparations

Frederik L.P. Fierens, Patrick M.L. Vanderheyden, Chantal Roggeman, Pascal Vande Gucht, Jean-Paul De Backer and Georges Vauquelin

- 1281** Troglitazone does not protect rat pancreatic β cells against free fatty acid-induced cytotoxicity

Miriam Cnop, Jean Claude Hannaert and Daniel G. Pipeleers

- 1287** Effect of protein-bound uraemic toxins on the thermodynamic characteristics of human albumin

Veronika V. Sarnatskaya, W. Edward Lindup, Toshimitsu Niwa, Andrey I. Ivanov, Larisa A. Yushko, John Tjia, Vitaly N. Maslenny, Ludmila N. Korneeva and Vladimir G. Nikolaev

- 1297** Dose-dependent cysteine-mediated protection of insulin-producing cells from damage by hydrogen peroxide

Suvi Rasilainen, Jenni M. Nieminen, Anna-Liisa Levonen, Timo Otonkoski and Risto Lapatto

- 1305** Modulation of apoptosis and improved redox metabolism with the use of a new antioxidant formula

Luciana Mosca, Sonia Marcellini, Marzia Perluigi, Paola Mastroiacovo, Sonia Moretti, Giuseppe Famularo, Ilaria Peluso, Gino Santini and Claudio De Simone

- 1315** A selective plasmin inhibitor, *trans*-aminomethylcyclohexanecarbonyl-L-(O-picoly)tyrosine-octylamide (YO-2), induces thymocyte apoptosis

Eibai Lee, Riyo Enomoto, Kazu Takemura, Yuko Tsuda and Yoshio Okada

CHEMOTHERAPY AND METABOLIC INHIBITORS

- 1325** Protection by ascorbic acid from denaturation and release of cytochrome *c*, alteration of mitochondrial membrane potential and activation of multiple caspases induced by H₂O₂, in human leukemia cells

Tal Gruss-Fischer and Ina Fabian

- 1337** Stem cell toxicity of oxazaphosphorine metabolites in comparison to their antileukemic activity

Svenja K. Brueggemann, Peter Schlenke, Stephanie Klich, Michael Deeken, Stefan O. Peters and Thomas Wagner

NEUROSCIENCE

- 1343** Modulation of dendritic release of dopamine by metabotropic glutamate receptors in rat substantia nigra

Jorge M. Campusano, Jorge Abarca, María Inés Forray, Katia Gysling and Gonzalo Bustos

GENE EXPRESSION AND DEVELOPMENT

- 1353** Developmental regulation of flavin-containing monooxygenase form 1 in the liver and kidney of fetal and neonatal rabbits

Shelley A. Larsen-Su, Sharon K. Krueger, Mei-Fei Yueh, Clifford B. Pereira and David E. Williams

CARDIOVASCULAR AND PULMONARY PHARMACOLOGY

- 1361** Modulation of the β -adrenergic receptor system of vascular smooth muscle cells *in vitro* and *in vivo* by chronically elevated endothelin-1 levels
Bernhard R. Brehm, Sabine C. Wolf, Jens Freudenberg, Folkert Friedmann, Helmut Heinle and Klaus Schulze-Osthoff

GASTROINTESTINAL AND RENAL PHARMACOLOGY

- 1371** Inhibition of gluconeogenesis by vanadium and metformin in kidney-cortex tubules isolated from control and diabetic rabbits
Anna Kiersztan, Aleksandra Modzelewska, Robert Jarzyna, Elżbieta Jagielska and Jadwiga Bryła

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- 1383** Pharmacological approaches to prion research
Surachai Supattapone, Koren Nishina and Judy R. Rees

MOLECULAR AND CELLULAR PHARMACOLOGY

- 1389** Apoptosis of a human non-small cell lung cancer (NSCLC) cell line, PLA-801, induced by acutiporberine, a novel bisalkaloid derived from *Thalictrum acutifolium* (Hand.-Mazz.) Boivin
Qi Chen, Wenlie Peng and Anlong Xu

- 1397** Regulation of microsomal and cytosolic glutathione S-transferase activities by S-nitrosylation
Yanbin Ji, Violeta Toader and Brian M. Bennett

- 1405** Serum withdrawal leads to reduced aryl hydrocarbon receptor expression and loss of cytochrome P4501A inducibility in PLHC-1 cells
Eli V. Hestermann, John J. Stegeman and Mark E. Hahn

- 1415** The alkaloid sanguinarine is effective against multi-drug resistance in human cervical cells *via* bimodal cell death
Zhihu Ding, Shou-Ching Tang, Priya Weerasinghe, Xiaolong Yang, Alan Pater and Andrejs Liepins

- 1423** Increase of the resistance of human cervical carcinoma cells to cisplatin by inhibition of the MEK to ERK signaling pathway partly *via* enhancement of anticancer drug-induced NF κ B activation
Pei Yen Yeh, Shuang-En Chuang, Kun-Huei Yeh, Ying Chyi Song, Chee-Kwee Ea and Ann-Lii Cheng

- 1431** Interaction of mammalian O⁶-alkylguanine-DNA alkyltransferases with O⁶-benzylguanine
Natalia A. Loktionova and Anthony E. Pegg

- 1443** Induction of apoptosis in HL-60 leukemia and B16 melanoma cells by the acronycine derivative S23906-1

Jérôme Kluza, Amélie Lansiaux, Nicole Wattez, Marie-Paule Hildebrand, Stéphane Léonce, Alain Pierré, John A. Hickman and Christian Bailly

- 1453** Physiological factors affecting the expression of FMO1 and FMO3 in the rat liver and kidney
Virginie Lattard, Joel Lachuer, Thierry Buronfosse, François Garnier and Etienne Benoit

- 1465** ESR analysis of spin adducts of alkoxy and lipid-derived radicals with the spin trap Trazon
Klaus Stolze, Natascha Udilova and Hans Nohl

- 1471** Preferential efflux by P-glycoprotein, but not MRP1, of compounds containing a free electron donor amine
Milena Salerno, Teresa Przewloka, Izabela Fokt, Waldemar Priebe and Arlette Garnier-Suillerot

- 1481** Ritonavir inhibition of calcium-activated neutral proteases
Wenshuai Wan and Paolo B. DePetrillo

- 1485** Resistance of HepG2 cells against the adverse effects of ethanol related to neutral lipid and phospholipid metabolism
José M. Jiménez-López, María P. Carrasco, Josefa L. Segovia and Carmen Marco

CHEMOTHERAPY AND METABOLIC INHIBITORS

- 1491** Modulation of pyridyl cyanoguanidine (CHS 828) induced cytotoxicity by 3-aminobenzamide in U-937 GTB cells
Henrik Lövborg, Petra Martinsson, Joachim Gullbo, Sara Ekelund, Peter Nygren and Rolf Larsson

NEUROSCIENCE

- 1499** Mitochondrial toxin inhibition of [³H]dopamine uptake into rat striatal synaptosomes
William F. Maragos, Jun Zhu, M. Dathan Chesnut and Linda P. Dwoskin

- 1507** Neuronal cell death induced by antidepressants: lack of correlation with Egr-1, NF- κ B and extracellular signal-regulated protein kinase activation
Pia Bartholomä, Nina Erlandsson, Katrin Kaufmann, Oliver G. Rössler, Bernd Baumann, Thomas Wirth, Klaus M. Giehl and Gerald Thiel

HORMONES AND GROWTH FACTORS

- 1517** Characterization of selective estrogen receptor modulator (SERM) activity in two triarylethylene oxybutyric acids

**Valeria N. Rubin, Peter C. Ruenitz, Jason L. Boyd,
F. Douglas Boudinot and Thomas E. Wiese**

INFLAMMATION AND IMMUNOPHARMACOLOGY

- 1527** Comparison of inhibition of ovalbumin-induced bronchoconstriction in guinea pigs and *in vitro* inhibition of tumor necrosis factor- α formation with phosphodiesterase 4 (PDE4) selective inhibitors
Eric S. Muise, Ian C. Chute, David Claveau, Paul Masson, Louise Boulet, Lydia Tkalec, Douglas J. Pon, Yves Girard, Richard Frenette and Joseph A. Mancini

CARDIOVASCULAR AND PULMONARY PHARMACOLOGY

- 1537** Pharmacological differences among CysLT₁ receptor antagonists with respect to LTC₄ and LTD₄ in human lung parenchyma
Saula Ravasi, Valérie Capra, Tiziana Panigalli, G. Enrico Rovati and Simonetta Nicosia
- 1547** Effects of Ca²⁺ channel blockers on amiloride-sensitive Na⁺ permeable channels and Na⁺ transport in fetal rat alveolar type II epithelium
Yoshinori Marunaka and Naomi Niisato

GASTROINTESTINAL AND RENAL PHARMACOLOGY

- 1553** Dapsone-induced cholestasis and impairment of bile salt output in the rat
Luis M. Veggi, Fernando A. Crocenzi, Marcelo G. Roma, Paul A. Dawson, José M. Pellegrino, Enrique J. Sánchez Pozzi and Aldo D. Mottino
- 1565** Uptake of ³H-1-methyl-4-phenylpyridinium (³H-MPP⁺) by human intestinal Caco-2 cells is regulated by phosphorylation/dephosphorylation mechanisms
Fátima Martel, Elisa Keating, Conceição Calhau and Isabel Azevedo
- 1575** Verapamil decreases glucuronidase activity in the gut
Jörn Lötsch, Bernhard Sperker, Heyo K. Kroemer and Gerd Geisslinger

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- 1579** Leptin, gut, and food intake
Anoja S. Attele, Zhi Q. Shi and Chun-Su Yuan

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- 1585** Homologous recombinational repair vis-à-vis chlorambucil resistance in chronic lymphocytic leukemia

Vanessa E. Bello, Raquel S. Aloyz, Garyfallia Christodoulopoulos and Lawrence C. Panasci

MOLECULAR AND CELLULAR PHARMACOLOGY

- 1589** Purification and characterization of a phospholipase A₂ isoenzyme isolated from *Lachesis muta* snake venom
André L. Fuly, Ana Luisa P. de Miranda, Russolina B. Zingali and Jorge A. Guimaraes
- 1599** Structural refinement of inhibitors of urea-based soluble epoxide hydrolases
Christophe Morisseau, Marvin H. Goodrow, John W. Newman, Craig E. Wheelock, Dearna L. Dowdy and Bruce D. Hammock
- 1609** Expression of p53-family members and associated target molecules in breast cancer cell lines in response to vincristine treatment
Muriel Vayssade, Laetitia Faridoni-Laurens, Jean Bénard and Jean-Charles Ahomadegbe
- 1619** A GAL4-based yeast three-hybrid system for the identification of small molecule–target protein interactions
Debbie C. Henthorn, Albert A. Jaxa-Chamiec and Eric Meldrum
- 1629** Modifying rates of reductive elimination of leaving groups from indolequinone prodrugs: a key factor in controlling hypoxia-selective drug release
Steven A. Everett, Elizabeth Swann, Matthew A. Naylor, Michael R.L. Stratford, Kantilal B. Patel, Natasha Tian, Robert G. Newman, Borivoj Vojnovic, Christopher J. Moody and Peter Wardman
- 1641** Down-modulation of Bcl-X_L, release of cytochrome c and sequential activation of caspases during honokiol-induced apoptosis in human squamous lung cancer CH27 cells
Shu-Er Yang, Ming-Tsuen Hsieh, Tung-Hu Tsai and Shih-Lan Hsu
- 1653** Intercalation of imidazoacridinones to DNA and its relevance to cytotoxic and antitumor activity
Jarosław Dziegielewski, Bartłomiej Ślusarski, Antoni Konitz, Andrzej Składański and Jerzy Konopa
- 1663** The influence of charge clustering on the anti-HIV-1 activity and *in vivo* distribution of negatively charged albumins
Leonie Beljaars, René Floris, Ben Berkhout, Catharina Smit, Dirk K.F. Meijer and Grietje Molema
- 1675** Analysis of C-terminally substituted tachykinin-like peptide agonists by means of aequorin-based luminescent assays for human and insect neurokinin receptors

Herbert Torfs, Michel Detheux, Hendrica B. Oonk, Karl E. Akerman, Jeroen Poels, Tom Van Loy, Arnold De Loof, Gilbert Vassart, Marc Parmentier and Jozef Vanden Broeck

- 1683** Tissue-specific regulation of canine intestinal and hepatic phenol and morphine UDP-glucuronosyltransferases by β -naphthoflavone in comparison with humans

Karl Walter Bock, Barbara S. Bock-Hennig, Peter A. Müntzel, Jens O. Brandenburg, Christoph T. Köhle, Matthew G. Soars, Rob J. Riley, Brian Burchell, Oliver von Richter, Michel F. Eichelbaum, Stellan Swedmark and Achim Orzechowski

- 1691** Recognition forces involved in mitochondrial binding to a low-affinity trimetazidine binding site related to anti-ischemic activity

Georgette Plemper van Balen, Pierre-Alain Carrupt, Didier Morin, Jean-Paul Tillement, Alain Le Ridant and Bernard Testa

CHEMOTHERAPY AND METABOLIC INHIBITORS

- 1699** Reversal of cisplatin resistance in human ovarian cancer cell lines by a c-jun antisense oligodeoxy-nucleotide (ISIS 10582): evidence for the role of transcription factor overexpression in determining resistant phenotype

Bin Pan, Kang-Shen Yao, Brett P. Monia, Nicholas M. Dean, Robert A. McKay, Thomas C. Hamilton and Peter J. O'Dwyer

- 1709** Basal levels and patterns of anticancer drug-induced activation of nuclear factor- κ B (NF- κ B), and its attenuation by tamoxifen, dexamethasone, and curcumin in carcinoma cells

Shuang-En Chuang, Pei-Yen Yeh, Yen-Shen Lu, Gi-Ming Lai, Chao-Ming Liao, Ming Gao and Ann-Lii Cheng

- 1717** Role of the C-terminus and the long cytoplasmic loop in reduced folate carrier expression and function
Iraida G. Sharina, Rongbao Zhao, Yanhua Wang, Solomon Babani and I. David Goldman

- 1725** Antioxidant properties of Thonningianin A, isolated from the African medicinal herb, *Thonningia sanguinea*

Maxwell Afari Gyamfi and Yoko Aniya

GENE EXPRESSION AND DEVELOPMENT

- 1739** Glutamate–cysteine ligase modifier subunit: mouse *Gclm* gene structure and regulation by agents that cause oxidative stress

Willy A. Solis, Timothy P. Dalton, Matthew Z. Dieter,

Sarah Freshwater, Judy M. Harrer, Lei He, Howard G. Shertzer and Daniel W. Nebert

CARDIOVASCULAR AND PULMONARY PHARMACOLOGY

- 1755** HOE 402 lowers serum cholesterol levels by reducing VLDL-lipid production, and not by induction of the LDL receptor, and reduces atherosclerosis in wild-type and LDL receptor-deficient mice

Richard Draijer, Oscar L. Volger, Vivian E.H. Dahlmans, Elly C.M. de Wit, Louis M. Havekes and Hans M.G. Princen

- 1763** Characterisation of cyclic nucleotide phosphodiesterase isoforms in the media layer of the main pulmonary artery

O. Pauvert, D. Salvail, E. Rousseau, C. Lugnier, R. Marthan and J.P. Savineau

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- 1773** Autoschizis: a novel cell death

James M. Jamison, Jacques Gilloteaux, Henryk S. Taper, Pedro Buc Calderon and Jack L. Summers

MOLECULAR AND CELLULAR PHARMACOLOGY

- 1785** Regulation of phospholipase C activation by the number of H₂ receptors during Ca²⁺-induced differentiation of mouse keratinocytes

Carlos Fitzsimons, Nora Engel, Lucía Policastro, Hebe Durán, Beatriz Molinari and Elena Rivera

- 1797** Differential regulation of Ca²⁺-dependent Cl⁻ currents by FP prostanoid receptor isoforms in *Xenopus* oocytes

Todd L. Anthony, Hiromichi Fujino, Kristen L. Pierce, Andrea J. Yool and John W. Regan

- 1807** Formation and longevity of idarubicin-induced DNA topoisomerase II cleavable complexes in K562 human leukaemia cells

Elaine Willmore, Fiona Errington, Michael J. Tilby and Caroline A. Austin

- 1817** Reverse geometrical selectivity in glucuronidation and sulfation of *cis*- and *trans*-4-hydroxytamoxifens by human liver UDP-glucuronosyltransferases and sulfotransferases

Takahito Nishiyama, Kenichiro Ogura, Hiroaki Nakano, Tomokazu Ohnuma, Teppei Kaku, Akira Hiratsuka, Kei Muro and Tadashi Watabe

- 1831** Involvement of microtubules and mitochondria in the antagonism of arsenic trioxide on paclitaxel-induced apoptosis

Manon Carré, Gérard Carles, Nicolas André, Soazig Douillard, Joseph Ciccolini, Claudette Briand and Diane Braguer

- 1843** Induction of glutathione-S-transferase mRNA levels by chemopreventive selenocysteine Se-conjugates

Peter A.C. 't Hoen, Martijn Rooseboom, Martin K. Bijsterbosch, Theo J.C. van Berkel, Nico P.E. Vermeulen and Jan N.M. Commandeur

- 1851** Effects of streptozotocin-induced diabetes on aceto-acetyl-CoA synthetase activity in rats

Hiroki Sato, Noriko Takahashi, Mayumi Nakamoto, Masahiro Ohgami, Masahiro Yamazaki and Tetsuya Fukui

CHEMOTHERAPY AND METABOLIC INHIBITORS

- 1857** Degradation of glyceraldehyde-3-phosphate dehydrogenase induced by acetylleucine chloromethyl ketone in U937 cells

Mitsune Yamaguchi, Yukihiro Tsuchiya, Toshiyuki Chikuma and Hiroshi Hojo

- 1863** Metal-organic compounds: a new approach for drug discovery. N1-(4-methyl-2-pyridyl)-2,3,6-trimethoxybenzamide copper(II) complex as an inhibitor of human immunodeficiency virus 1 protease

Florence Lebon, Nicole Boggetto, Marie Ledecq, François Durant, Zohra Benatallah, Sames Sicsic, René Lapouyade, Olivier Kahn, Ange Mouithys-Mickalad, Ginette Deby-Dupont and Michèle Reboud-Ravaux

- 1875** Drug-resistant human lung cancer cells are more sensitive to selenium cytotoxicity. Effects on thioredoxin reductase and glutathione reductase

Linda Björkhem-Bergman, Kerstin Jönsson, Lennart C. Eriksson, Jerker M. Olsson, Sören Lehmann, Christer Paul and Mikael Björnstedt

INFLAMMATION AND IMMUNOPHARMACOLOGY

- 1885** Involvement of the peroxisome proliferator-activated receptor alpha in the immunomodulation caused by peroxisome proliferators in mice

Qian Yang, Yi Xie, Stefan E.H. Alexson, B. Dean Nelson and Joseph W. DePierre

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Cesira Foppoli, Raffaella Coccia, Carla Blarzino, Chiara Cini and Maria Anna Rosei

- 1901** Involvement of p38 mitogen-activated protein kinase in the induction of interleukin-12 p40 production in mouse macrophages by berberine, a benzodioxoloquinolizine alkaloid

Bok Yun Kang, Su Wol Chung, Daeho Cho and Tae Sung Kim

CARDIOVASCULAR AND PULMONARY PHARMACOLOGY

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Corrigendum

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Ingo Rustenbeck

Rapid Communication

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Robert B. Raffa, Shawn D. Spencer and Robert J. Schulingkamp

MOLECULAR AND CELLULAR PHARMACOLOGY

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P. Blaise Smith and Charles Crespi

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Satoshi Akiba, Satoshi Ohno, Masahiro Chiba, Keisuke Kume, Misako Hayama and Takashi Sato

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Javier García-Villafranca and José Castro

CHEMOTHERAPY AND METABOLIC INHIBITORS

- 2001** Mechanisms of growth inhibition in keratinocytes by mercurio-substituted 4',5'-dihydropsoralens

Christine A. Martey, Anna M. Vetrano, Marilyn S. Whittemore, Thomas M. Mariano, Shannon L. Gentile, Diane E. Heck, Debra L. Laskin, Ned D. Heindel and Jeffrey D. Laskin

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Sreenivasu Mudumba, Ana Menezes, David Fries and Jim Blankenship

- 2019** Evidence for the involvement of L-citrulline but not nitric oxide in the proconvulsant action of the precursor L-arginine on picrotoxin-induced convulsions in rats

Vanaja Paul

GENE EXPRESSION AND DEVELOPMENT

- 2025** Comparative expression of two alpha class glutathione S-transferases in human adult and prenatal liver tissues

Evan P. Gallagher and James L. Gardner

- 2037** Sexual dimorphic expression of mouse hepatic CYP2B: alterations during development or after hypophysectomy

Kanokwan Jarukamjorn, Tsutomu Sakuma and Nobuo Nemoto

INFLAMMATION AND IMMUNO PHARMACOLOGY

- 2043** Effects of dexamethasone and protein kinase C inhibitors on the induction of bradykinin B₁ mRNA and the bradykinin B₁ receptor-mediated contractile response in isolated rat ileum

Akinori Ueno, Eriha Dekura, Yae Kosugi, Mineka Yoshimura, Hiroaki Naraba, Fumiaki Kojima and Sachiko Ohishi

CARDIOVASCULAR AND PULMONARY PHARMACOLOGY

- 2055** 3-Isobutyl-1-methylxanthine (IBMX) sensitizes cardiac myocytes to anoxia

Timothy P. Geisbuhler, Tammie L. Schwager and Heather D. Ervin

- 2063** The direct stimulation of Gi proteins by neuropeptide Y (NPY) in the rat left ventricle

Laura Raimondi, Grazia Banchelli, Rosanna Matucci, Francesca Stillitano and Renato Pirisino

GASTROINTESTINAL AND RENAL PHARMACOLOGY

- 2069** Lipid peroxidation induced by indomethacin with horseradish peroxidase and hydrogen peroxide: involvement of indomethacin radicals

Toshiaki Miura, Sanae Muraoka and Yukio Fujimoto

15 June 2002

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- 2075** Carbohydrate responsive element-binding protein (ChREBP): a key regulator of glucose metabolism and fat storage

Kosaku Uyeda, Hiromi Yamashita and Takumi Kawaguchi

MOLECULAR AND CELLULAR PHARMACOLOGY

- 2081** Identification of catalase in human livers as a factor that enhances phenytoin dihydroxy metabolite formation by human liver microsomes

Tomoko Komatsu, Hiroshi Yamazaki, Miki Nakajima and Tsuyoshi Yokoi

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Anjaneyulu Kowluru

- 2101** DNA sequence of butyrylcholinesterase from the rat: expression of the protein and characterization of the properties of rat butyrylcholinesterase
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- 2111** Reduced (\pm)-3,4-methylenedioxymethamphetamine ("Ecstasy") metabolism with cytochrome P450 2D6 inhibitors and pharmacogenetic variants *in vitro*
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