

Perspectives

- 713 Modulation by NO of renal myogenic autoregulation: TGF dependency
William A. Cupples (see Just & Arendshorst p. 959)
- 714 Do muscle blood flow detectors link breathing to oxygen consumption in exercise?
Eugene E. Nattie (see Haouzi & Chenuel p. 975)

CELL PHYSIOLOGY**Rapid Report**

- 715 Excitatory effects of serotonin on rat striatal cholinergic interneurons
Craig Blomeley and Enrico Bracci

Research Papers

- 723 Interaction between spontaneous and neurally mediated regulation of smooth muscle tone in the rabbit corpus cavernosum
Hikaru Hashitani, Yoshimas Yanai, Nobuyuki Shirasawa, Tsuyoshi Soji, Akihiro Tomita, Kenjiro Kohri and Hikaru Suzuki
- 737 Synaptic fatigue at the naive perforant path–dentate granule cell synapse in the rat
Therése Abrahamsson, Bengt Gustafsson and Eric Hanse
- 751 Activity-dependent release and actions of endocannabinoids in the rat hypothalamic supraoptic nucleus
Shi Di, Cherif Boudaba, Ion R. Popescu, Feng-Ju Weng, Christina Harris, Victor L. Marcheselli, Nicolas G. Bazan and Jeffrey G. Tasker
- 761 The neurotransmitters glycine and GABA stimulate glucagon-like peptide-1 release from the GLUTag cell line
A. Gameiro, F. Reimann, A. M. Habib, D. O'Malley, L. Williams, A. K. Simpson and F. M. Gribble
- 773 A comparison of release kinetics and glutamate receptor properties in shaping rod–cone differences in EPSC kinetics in the salamander retina
Lucia Cadetti, Daniel Tranchina and Wallace B. Thoreson
- 789 Neonatal isolation accelerates the developmental switch in the signalling cascades for long-term potentiation induction
Chiung-Chun Huang, Pei-Hsuan Chou, Chih-Hao Yang and Kuei-Sen Hsu
- 801 Differential targeting and functional specialization of sodium channels in cultured cerebellar granule cells
Nancy Osorio, Gisèle Alcaraz, Françoise Padilla, François Couraud, Patrick Delmas and Marcel Crest
- 817 Dual Ca²⁺ modulation of glycinergic synaptic currents in rodent hypoglossal motoneurons
Marat Mukhtarov, Davide Ragozzino and Piotr Bregestovski
- 833 Effects of focal injection of kainic acid into the mouse hippocampus *in vitro* and *ex vivo*
Caroline Le Duigou, Lucia Wittner, Lydia Danglot and Richard Miles

TISSUE, SYSTEM AND ORGAN PHYSIOLOGY**Research Papers**

- 849 Nitric oxide inhibition and the impact on renal nerve-mediated antinatriuresis and antidiuresis in the anaesthetized rat
N. M. Bagnall, P. C. Dent, A. Walkowska, J. Sadowski and E. J. Johns

- 857 Modulation by melatonin of glutamatergic synaptic transmission in the carp retina
Hai Huang, Shu-Chen Lee and Xiong-Li Yang
- 873 Intraspinal microstimulation preferentially recruits fatigue-resistant muscle fibres and generates gradual force in rat
J. A. Bainford, C. T. Putman and V. K. Mushahwar
- 885 Heterogeneous chloride homeostasis and GABA responses in the median preoptic nucleus of the rat
Magali Grob and Didier Mougnot
- 903 Prostaglandin H₂ synthase-1 and -2 expression in guinea pig gestational tissues during late pregnancy and parturition
Toni Welsh, Carolyn M. Mitchell, William A. Walters, Sam Mesiano and Tamas Zakar
- 913 Cardioprotection afforded by chronic exercise is mediated by the sarcolemmal, and not the mitochondrial, isoform of the K_{ATP} channel in the rat
David A. Brown, Adam J. Chicco, Korinne N. Jew, Micah S. Johnson, Joshua M. Lynch, Peter A. Watson and Russell L. Moore

INTEGRATIVE PHYSIOLOGY**Research Papers**

- 925 Regulation of lactate production at the onset of ischaemia is independent of mitochondrial NADH/NAD⁺: insights from *in silico* studies
Lufang Zhou, William C. Stanley, Gerald M. Saidel, Xin Yu, Marco E. Cabrera
- 939 Olfactoretinal centrifugal input modulates zebrafish retinal ganglion cell activity: a possible role for dopamine-mediated Ca²⁺ signalling pathways
Luoxiu Huang, Hans Maaswinkel and Lei Li
- 949 Apolipoprotein A-IV is involved in detection of lipid in the rat intestine
K. L. Whited, D. Lu, P. Tso, K. C. Kent Lloyd and H. E. Raybould
- 959 Nitric oxide blunts myogenic autoregulation in rat renal but not skeletal muscle circulation via tubuloglomerular feedback
Armin Just and William J. Arendshorst (see Perspectives)
- 975 Control of arterial P_{CO2} by somatic afferents in sheep
Philippe Haouzi and Bruno Chenuel (see Perspectives)



Blackwell
Publishing



0022-3751(200512)569:03;1-7

Blackwell
Synergy



HighWire Press
INTERNET IMPRINT OF THE STANFORD UNIVERSITY LIBRARIES

This journal is available online at www.jphysiol.org and also at Blackwell Synergy (www.blackwell-synergy.com). Visit either site to search for the articles and register for table of contents and email alerts.