Contents Volume 207 (18) 2004

Inside JEB

The Hypoxic Brain i; The Hypoxic Brain: A Comparative Perspective ii; Mechanisms Involved In Hypoxia Tolerance And Survival iii; Towards A Treatment For Medical Ischemia

Editorial

Lutz, P. Editorial. 3124

Review Articles

Chen, Q. and Haddad, G. G. Role of trehalose phosphate synthase and trehalose during hypoxia: from flies to mammals. 3125-3129


Lutz, P. L. and Milton, S. L. Negotiating brain anoxia survival in the turtle. 3141-3147

Vannucci, S. J. and Hagberg, H. Hypoxia–ischemia in the immature brain. 3149-3154

Drew, K. L., Harris, M. B., LaManna, J. C., Smith, M. A., Zhu, X. W. and Ma, Y. L. Hypoxia tolerance in mammalian heterotherms. 3155-3162

LaManna, J. C., Chavez, J. C. and Pichiule, P. Structural and functional adaptation to hypoxia in the rat brain. 3163-3169

Acker, T. and Acker, H. Cellular oxygen sensing need in CNS function: physiological and pathological implications. 3171-3188


Ballanyi, K. Protective role of neuronal KATP channels in brain hypoxia. 3201-3212


Warner, D. S., Sheng, H. and Batinić-Haberle, I. Oxidants, antioxidants and the ischemic brain. 3221-3231

Martí, H. H. Erythropoietin and the hypoxic brain. 3233-3242

Bickler, P. E. Clinical perspectives: neuroprotection lessons from hypoxia-tolerant organisms. 3243-3249