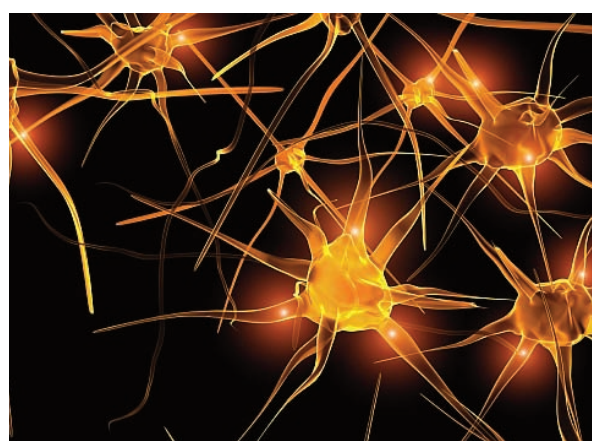
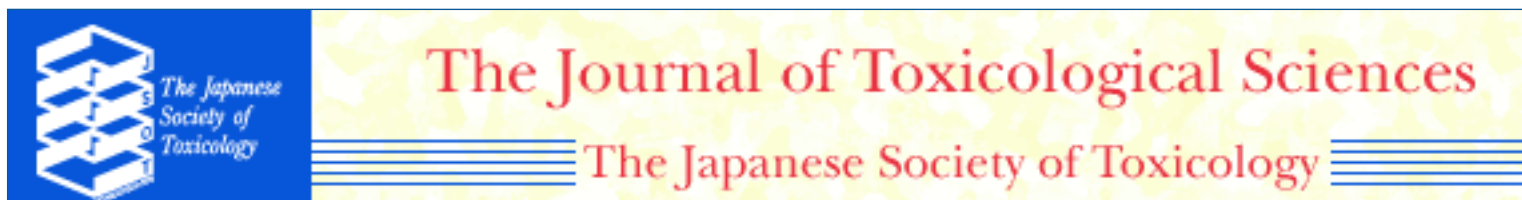


**Selected Topics In**

# **Dexmedetomidine Anesthesia**

COMPARATIVE BIOSCIENCES, INC.



**CBI is proud to announce that we have just had a major paper accepted for publication by the Journal of Toxicological Sciences!**

This research concerned the neurotoxic effects of dexmedetomidine in fetal cynomolgus monkey brains. In this study, the effects of dexmedetomidine anesthesia was compared to ketamine anesthesia. The in life phase of this important study was conducted at Department of Safety Assessment, Maccine Pte Ltd, Singapore. Improved safety, tolerability and reduction in neocortical apoptosis as per immunohistochemistry was demonstrated by histology and histomorphometric assessment by CBI.

KooE, OshodiT, MeschterC, Ebrahimnejad A, Dong G: Neurotoxic effects of dexmedetomidine in fetal cynomolgus monkey brains. Accepted, Dec. 2013 Journal of Toxicological Sciences, Accepted for Publication, December 2013

**We are also introducing our new blog on CBI website. Click below to review Dr Carol Meschter recent blog articles and events.**

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Pharmacology-Custom Studies**

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