Corrigendum

Please note the following corrigendum to the article "The Biochemical Mechanisms of the Excitotoxicity of Kainic Acid: Free Radical Formation" by Albert Y. Sun, Yu Cheng, Qun Bu, and Fifi Oldfield, which appeared in *Molecular and Chemical Neuropathology*, vol. 17, no. 1, pp. 51–63:

As senior author, I, Albert Sun, regret to inform the reader of errors made in this paper related to reporting the methodology of ESR measurement of spin adducts. The paragraph on p. 53 should read:

The technique for analysis of spin adducts was similar to that described earlier (Ahmad et al., 1987) with modifications. Briefly, gerbils were injected ip with 1 mL of 0.14M of the spin trapping agent, phenyl-t-butyl nitron (PBN) 30 min before ip injection of kainate (10 mg/kg body wt). Animals were sacrificed 30 min after kainate injection. Part of the liver (about 0.5 g) and the brain were removed and homogenized immediately in 10 vol of ice-cold distilled water. After homogenization, PBN was added to all samples to a final concentration of 7 mM and the tissue homogenate was mixed with 2 vol of chloroform-methanol (2:1, v/v). After phase separation, the organic layer was removed and concentrated under nitrogen. ESR spectra of the samples were measured at room temperature using a conventional X-band ESR spectrometer with 100 kHz field modulator.

Please also note that the treatment time after KA injection was 30 min rather than 1 h as reported on pp. 51, 53, and 54. Furthermore, values for A_N and A_{II} should be 12.5G and 5G, respectively, instead of 15.9G and 4.3G as reported on p. 56, line 9 from the bottom of the page. All discussions of methodology in the manuscript (especially the section on p. 54, line 4 from the bottom of the page beginning with "PBN in saline . . . body wt" and ending with "The stable . . . were obtained") should have referred to the conditions above, including the second addition of PBN.

Albert Y. Sun
Professor of Pharmacology
University of Missouri
Columbia, MO 65212