AUTHOR’S CORRECTION

snRNA and Heterochromatin Formation Are Involved in DNA Excision during Macronuclear Development in Stichotrichous Ciliates

Stefan A. Juranek, Sina Rupprecht, Jan Postberg, and Hans J. Lipps

Institute of Cell Biology, University Witten/Herdecke, Witten, Germany

Volume 4, no. 11, p. 1934–1941, 2005. We reported previously the presence of the histone modification H3K9-methylated H3 (H3K9me3) in the micronucleus of the ciliate Stylonychia. We now realize that the antibodies used in that study cross-react with H3K27me3 in Stylonychia, and the signals observed in the micronucleus were due to this cross-reactivity. By using very specific antibodies it is now clear that H3K27me3 is present in the micronucleus but H3K9me3 becomes introduced de novo into the developing macronucleus.