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COVER

Fluorescence photomicrograph of spermatozoa obtained from a subfertile bull. Cells were heated and subsequently stained with a metachromatic fluorescent acridine orange. The orthochromatic green fluorescence represents AO intercalation into native, non-denatured DNA while red metachromasia reflects stainability of DNA denatured in situ. The proportion of metachromatically stained cells was increased in subfertile sample (about × 2000). See page 1131. [D. P. Evenson et al., Memorial Sloan-Kettering Cancer Center, New York]