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### **EYEBROW HAIRS FROM CADAVERS AS A UNIQUE AND RELIABLE SOURCE FOR DNA PROFILING**

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Abstract: This study reports the results of DNA extraction and profiling of cadaver's eyebrows as a unique and reliable source of DNA. In cases when bodies after death are embalmed, tissues become contaminated, and contain PCR inhibitors, disabling DNA profiling. We searched for good alternative and considered eyebrow hairs or other hairs from the head, with follicles fully intact. Sometimes, hairs from the head or scalp do not offer much DNA, but eyebrow hairs have been found to, usually, offer much more. We report the DNA work from eyebrow hairs from 15 cadavers within 8-24 hours after embalming. The eyebrow hairs were put in the reaction tube, and directly amplified, upon which the PCR product was analyzed in the ABI 310 instrument. We successfully obtained full profiles from all 15 cadaver eyebrows.