Recent news and research

18.1 Assessing the harmfulness of tobacco and tobacco-like products

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News reports:


18.1.1 Constituents of tobacco products

18.1.2 Constituents of cigarette smoke

18.1.3 Biomarkers

Research:


18.1.1 Constituents of tobacco products

18.1.2 Constituents of cigarette smoke


18.1.3 Biomarkers


Salandy, A, Malhotra, K, Goldberg, AJ, Cullen, N, Singh, D. Can a urine dipstick test be used to assess
smoking status in patients undergoing planned orthopaedic surgery? a prospective cohort study.

Kaluarachchi, MR, Boulange, CL, Garcia-Perez, I, Lindon, JC, Minet, EF. Multiplatform serum
metabolic phenotyping combined with pathway mapping to identify biochemical differences in

Lu, W, Ferguson, SG, Nichols, DS, Patel, R, Jacobson, GA. Application of an assay for 4-
(methylnitrosamino)-1-(3-pyridyl)-1-butanol (NNAL) in urine for the assessment of tobacco-related

Perez-Ortuno, R, Martinez-Sanchez, JM, Fu, M, Ballbe, M, Quiros, N, Fernandez, E, Pascual, JA.
Assessment of tobacco specific nitrosamines (TSNAs) in oral fluid as biomarkers of cancer risk: A
population-based study. Environ Res. 2016 Sep 8;151:635-641. Available from: