## Contents

### Flavoured Tobacco Products in the United States

#### Editorial

**ii1** Flavoured tobacco products in the USA: synthesis of recent multidiscipline studies with implications for advancing tobacco regulatory science

*C A Stanton, A C Villanti, C Watson, C D Delnevo*

#### Research papers


*M G Bonhomme, E Holder-Hayes, B K Ambrose, C Tworek, S P Feiman, B A King, B J Apelberg*

**ii14** Changes in the prevalence and correlates of menthol cigarette use in the USA, 2004–2014

*A C Villanti, P D Mowery, C D Delnevo, R S Naanaa, D B Abrams, G A Giovino*

**ii21** Association between menthol-flavoured cigarette smoking and flavoured little cigar and cigarillo use among African-American, Hispanic, and white young and middle-aged adult smokers

*K Sterling, C Fryer, I Pagano, D Jones, P Fagan*

**ii32** Flavour preferences in youth versus adults: a review

*A C Hoffman, R V Salgado, C Dresler, R W Faller, C Bartlett*

**ii40** Tobacco industry use of flavourings to promote smokeless tobacco products

*G Kostygina, P M Ling*

**ii50** Menthol decreases oral nicotine aversion in C57BL/6 mice through a TRPM8-dependent mechanism

*L Fan, S Balakrishna, S V Jabbar, P E Bonner, S R Taylor, M R Pizzuto, S-E Jordt*

**ii55** Role of sweet and other flavours in liking and disliking of electronic cigarettes

*H Kim, J Lim, S S Buehler, M C Brinkman, N M Johnson, L Wilson, K S Cross, P I Clark*

**ii62** Adolescents’ interest in trying flavoured e-cigarettes

*J K Pepper, K M Röösli, N T Brewer*

**ii67** Cigarette smoking and electronic cigarette vaping patterns as a function of e-cigarette flavourings

*M D Litt, V Duffy, C Oncken*

**ii73** Association between use of flavoured tobacco products and quit behaviours: findings from a cross-sectional survey of US adult tobacco users

*D M Smith, M Bansal-Travers, J Hwang, D Barker, A J Hyland, F Chaloupka*

**ii81** Flavourings significantly affect inhalation toxicity of aerosol generated from electronic nicotine delivery systems (ENDS)

*N J Leigh, V Duffy, J Valle, P Talbot*

**ii88** Detection of 5-hydroxymethylfurfural and furfural in the aerosol of electronic cigarettes

*S Soussy, A EL-Hellani, R Baalbaki, R Salman, A Shihadeh, N A Saliba*

**ii94** Distribution, quantification and toxicity of cinnamaldehyde in electronic cigarette refill fluids and aerosols

*R Z Behar, W Luo, S C Lin, Y Wang, J Valle, J F Pankow, P Talbot*

### Editorial

**ii103** Flavoured tobacco products and the public’s health: lessons from the TPSAC menthol report

*J M Samet, M A Pentz, J B Unger*