McDonald, David S

From: Wen F [redacted]
Sent: October-28-14 12:05 PM
To: Office of the Legislative Counsel
Subject: RE: I OPPOSE BILL 60
Attachments: tobaccoflavour_ingredients.pdf; LINKS DOC.docx

Thank you for your reply.
I have attached the list again, but this time all flavours IN cigarettes have been highlighted. Since you're after flavoured eliquid, you should have a look at the flavours IN tobacco cigarettes. How can you ban one and allow another. Mind boggling.
Cigarettes cause cancer.
Period.
I have also attached a list of peer reviewed studies that Mr. Glavine refuses to acknowledge.
You cannot ignore scientific facts to suit your own agenda. You cannot!
Rhetoric and anecdotal THEORIES are not based on science. The links provided in the attached are.

Thank you.

From: office@novascotia.ca
To: wenfar@sympatico.ca
Subject: RE: I OPPOSE BILL 60
Date: Tue, 28 Oct 2014 13:49:26 +0000

Good morning Mr. Far,

Thank you for your e-mail submission. Copies will be made for distribution to the members of the Law Amendments Committee when it meets on Bill 60.

Office of the Legislative Counsel
902-424-8941

From: Wen F [mailto:wenfar@sympatico.ca]
Sent: Monday, October 27, 2014 6:43 PM
To: Office; info@patriciaarab.ca; jamiebaillie@bellaliant.com; shelb@eastlink.ca; northmla@eastlink.ca;

INGREDIENTS

CIGARETTE

Flavours are highlighted

Acetanisole
Acetic acid
Acetoin
Acetophenone
6-Acetoxydihydrotheaspirane
2-Acetyl-3-Ethylpyrazine
2-Acetyl-5-Methylfuran
Acetylpyrazine
2-Acetylpyridine
3-Acetylpyridine
2-Acetylthiazole
Aconitic Acid
dl-Alanine
Alfalfa Extract
Allspice Extract, Oleoresin, and Oil
Allyl Hexanoate
Allyl Ionone
Almond Bitter Oil
Ambergris Tincture
Ammonia
Ammonium Bicarbonate
Ammonium Hydroxide
Diammonium phosphate
Ammonium sulfide
Amyl Alcohol
Amyl Butyrate
Amyl Formate
Amyl Octanoate
alpha-Amylcinnamaldehyde
Amyris Oil
trans-Anethole
Angelica Root Extract, Oil and Seed Oil
Anise
Anise Star, Extract and Oils
Anisyl Acetate
Anisyl Alcohol
Anisyl Formate
Anisyl Phenylacetate
Apple Juice Concentrate, Extract, and Skins

E-CIGARETTE

Propylene Glycol
Vegetable Glycerin (food grade)
Natural & Artifical flavoring (food grade)
Nicotine

Apricot Extract and Juice Concentrate
L-Arginine
Asafetida Fluid Extract And Oil
Ascorbic Acid
L-Asparagine Monohydrate
L-Aspartic Acid
Balsam of Peru and Oil
Basil Oil
Bay leaf, Oil and Sweet Oil
Beeswax White
Beet Juice Concentrate
Benzaldehyde
Benzaldehyde Glyceryl Acetal
Benzoic acid, Benzoin
Benzoin Resin
Benzophenone
Benzyl Alcohol
Benzyl Benzoate
Benzyl Butyrate
Benzyl Cinnamate
Benzyl Propionate
Benzyl salicylate
Bergamot Oil
Bisabolene
Black Currant Buds Absolute
Borneol
Bornyl Acetate
Buchu Leaf Oil
1,3-Butanediol
2,3-Butanedione
1-Butanol
2-Butanone
4(2-Butenylidene)-3,5,5-Trimethyl-2-Cyclohexen-1-One
Butter, Butter Esters, and Butter Oil
Butyl acetate
Butyl butyrate
Butyl butyryl lactate
Butyl isovalerate
Butyl phenylacetate
Butyl ndecylenate
3-Butylidenephthalide
Butyric Acid
Cadinene
Caffeine
Calcium Carbonate
Camphene
Cananga Oil
Capsicum Oleoresin
Caramel color
Caraway Oil
Carbon Dioxide
Cardamom Oleoresin, Extract, Seed Oil, and Powder
Carob Bean and Extract
beta-Carotene
Carrot Oil
Carvacrol
4-Carvomenthenol
L-Carvone
beta-Caryophyllene
beta-Caryophyllene Oxide

Cascarilla Oil and Bark Extract
Cassia Bark Oil
Cassie Absolute and Oil
Castoreum Extract, Tincture and Absolute
Cedar Leaf Oil
Cedarwood Oil Terpenes and Virginiana
Cedrol
Celery Seed Extract, Solid, Oil, And Oleoresin
Cellulose Fiber
Chamomile Flower Oil And Extract
Chicory Extract
Chocolate
Cinnamaldehyde
Cinnamic Acid
Cinnamon Leaf Oil, Bark Oil, and Extract
Cinnamyl Acetate
Cinnamyl Alcohol
Cinnamyl Cinnamate
Cinnamyl Isovalerate
Cinnamyl Propionate
Citral
Citric Acid
Citronella Oil
dl-Citronellol
Citronellyl Butyrate
Citronellyl Isobutyrate
Civet Absolute
Clary Oil
Clover Tops, Red Solid Extract
Cocoa
Cocoa Shells, Extract, Distillate And Powder
Coconut Oil
Coffee
Cognac White and Green Oil
Copaiba Oil
Coriander Extract and Oil
Corn Oil
Corn Silk
Costus Root Oil
Cubeb Oil
Cuminaldehyde
para-Cymene
L-Cysteine
Dandelion Root Solid Extract
Davana Oil
2-trans,4-trans-Decadienal
delta-Decalactone
gamma-Decalactone
Decanal
Decanoic acid
1-Decanol
2-Decenal
Dehydromenthofurolactone
Diethyl Malonate
Diethyl Sebacate
2,3-Diethylpyrazine
Dihydro Anethole
5,7-Dihydro-2-Methylthieno(3,4-D) Pyrimidine
Dill Seed Oil and Extract
meta-Dimethoxybenzene

para-Dimethoxybenzene
2,6-Dimethoxyphenol
Dimethyl Succinate
3,4-Dimethyl-1,2-Cyclopentanedione
3,5-Dimethyl-1,2-Cyclopentanedione
3,7-Dimethyl-1,3,6-Octatriene
4,5-Dimethyl-3-Hydroxy-2,5-Dihydrofuran-2-One
6,10-Dimethyl-5,9-Undecadien-2-One
3,7-Dimethyl-6-Octenoic Acid
2,4 Dimethylacetophenone
alpha,para-Dimethylbenzyl Alcohol
alpha,alpha-Dimethylphenethyl Acetate
alpha,alpha Dimethylphenethyl Butyrate
2,3-Dimethylpyrazine
2,5-Dimethylpyrazine
2,6-Dimethylpyrazine
Dimethyltetrahydrobenzofuranone
delta-Dodecalactone
gamma-Dodecalactone
para-Ethoxybenzaldehyde
Ethyl 10-Undecenoate
Ethyl 2-Methylbutyrate
Ethyl acetate
Ethyl acetoacetate
Ethyl alcohol
Ethyl benzoate
Ethyl butyrate
Ethyl cinnamate
Ethyl decanoate
Ethyl fenchol
Ethyl furoate
Ethyl heptanoate
Ethyl hexanoate
Ethyl isovalerate
Ethyl lactate
Ethyl laurate
Ethyl levulinate
Ethyl maltol
Ethyl methylphenylglycidate
Ethyl myristate
Ethyl nonanoate
Ethyl octadecanoate
Ethyl octanoate
Ethyl oleate
Ethyl palmitate
Ethyl phenylacetate
Ethyl propionate
Ethyl salicylate
Ethyl trans-2-butenoate
Ethyl valerate
Ethyl vanillin
2-Ethyl (or Methyl)-(3,5 and 6)-Methoxypyrazine
2-Ethyl-1-Hexanol,3-Ethyl-2-Hydroxy-2-Cyclopenten-1-One
2-Ethyl-3,(5 or 6)-Dimethylpyrazine
5-Ethyl-3-Hydroxy-4-Methyl-2(5H)-Furanone
2-Ethyl-3-Methylpyrazine
3-Ethylpyridine
4-Ethylbenzaldehyde
4-Ethylguaiacol
4-Ethylphenol (para-Ethylphenol)

Eucalyptol
Farnesol
D-Fenchone
Fennel Sweet Oil
Fenugreek, Extract, Resin, and Absolute
fig Juice Concentrate
Food Starch Modified
Furfuryl Mercaptan
4-(2-Furyl)-3-Buten-2-One
Galbanum Oil
Genet Absolute
Gentian Root Extract
Geraniol
Geranium Rose Oil
Geranyl Acetate
Geranyl Butyrate
Geranyl Formate
Geranyl Isovalerate
Geranyl Phenylacetate
Ginger Oil and Oleoresin
L-Glutamic Acid
L-Glutamine
Glycerol
Glycyrrhizin Ammoniated
Grape Juice Concentrate
Guaiac Wood Oil
Guaiacol
Guar Gum
2,4-Heptadienal
gamma-Heptalactone
Heptanoic Acid
2-Heptanone
3-Hepten-2-One
2-Hepten-4-One
4-Heptenal
trans-2-Heptenal
Heptyl acetate
omega-6-Hexadecenlactone
gamma-Hexalactone
Hexanal
Hexanoic acid
2-Hexen-1-Ol
3-Hexen-1-Ol
cis-3-Hexen-1-Yl Acetate
2-Hexenal
3-Hexenoic Acid
trans-2-Hexenoic Acid
cis-3-Hexenyl Formate
Hexyl 2-Methylbutyrate
Hexyl Acetate
Hexyl Alcohol
Hexyl Phenylacetate
L-Histidine
Honey
Hops Oil
Hydrolyzed Milk Solids
Hydrolyzed Plant Proteins
5-Hydroxy-2,4-Decadienoic Acid delta- Lactone
4-Hydroxy-2,5-Dimethyl-3(2H)-Furanone
2-Hydroxy-3,5,5-Trimethyl-2-Cyclohexen-1-One

4-Hydroxy -3-Pentenoic Acid Lactone
2-Hydroxy-4-Methylbenzaldehyde
4-Hydroxybutanoic Acid Lactone
Hydroxycitronellal
6-Hydroxydihydrotheaspirane
4-(para-Hydroxyphenyl)-2-Butanone
Hyssop Oil
Immortelle Absolute and Extract
alpha-Ionone
beta-Ionone
alpha-Irone
Isoamyl Acetate
Isoamyl Benzoate
Isoamyl Butyrate
Isoamyl Cinnamate
Isoamyl Formate, Isoamyl Hexanoate
Isoamyl Isovalerate
Isoamyl Octanoate
Isoamyl Phenylacetate
Isobornyl Acetate
Isobutyl Acetate
Isobutyl Alcohol
Isobutyl Cinnamate
Isobutyl Phenylacetate
Isobutyl Salicylate
2-Isobutyl-3-Methoxypyrazine
alpha-Isobutylphenethyl Alcohol
Isobutyraldehyde
Isobutyric Acid
d,l-Isoleucine
alpha-Isomethylionone
2-Isopropylphenol
Isovaleric Acid
Jasmine Absolute, Concrete and Oil
Kola Nut Extract
Labdanum Absolute and Oleoresin
Lactic Acid
Lauric Acid
Lauric Aldehyde
Lavandin Oil
Lavender oil
Lemon Oil and Extract
Lemongrass Oil
L-Leucine
Levulinic acid
Liquorice root, fluid, extract and powder
Lime Oil
Linalool
Linalool Oxide
Linalyl acetate
Linden Flowers
Lovage Oil And Extract
L-Lysine
Mace Powder, Extract and Oil
Magnesium Carbonate
Malic Acid
Malt and Malt Extract
Maltodextrin
Maltol
Maltyl Isobutyrate

Mandarin Oil
Maple Syrup and Concentrate
Mate Leaf, Absolute and Oil
para-Mentha-8-Thiol-3-One
Menthol
Menthone
Menthyl Acetate
dl-Methionine
Methoprene
2-Methoxy-4-Methylphenol
2-Methoxy-4-Vinylphenol
para-Methoxybenzaldehyde
1-(para-Methoxyphenyl)-1-Penten-3-One
4-(para-Methoxyphenyl)-2-Butanone
1-(para-Methoxyphenyl)-2-Propanone
Methoxypyrazine
Methyl 2-Furoate
Methyl 2-Octynoate
Methyl 2-Pyrrolyl Ketone
Methyl Anisate
Methyl anthranilate
Methyl Benzoate
Methyl Cinnamate
Methyl Dihydrojasmonate
Methyl Ester of Rosin, Partially Hydrogenated
Methyl Isovalerate
Methyl Linoleate (48%)
Methyl Linolenate (52%) Mixture
Methyl Naphthyl Ketone
Methyl Nicotinate
Methyl phenylacetate
Methyl Salicylate
Methyl Sulfide
3-Methyl-1-Cyclopentadecanone
4-Methyl-1-Phenyl-2-Pentanone
5-Methyl-2-Phenyl-2-Hexenal
5-Methyl-2-Thiophenecarboxaldehyde
6-Methyl-3,-5-Heptadien-2-One
2-Methyl-3-(para-Isopropylphenyl) Propionaldehyde
5-Methyl-3-Hexen-2-One
1-Methyl-3-Methoxy-4-Isopropylbenzene
4-Methyl-3-Pentene-2-One
2-Methyl-4-Phenylbutyraldehyde
6-Methyl-5-Hepten-2-One
4-Methyl-5-Thiazoleethanol
4-Methyl-5-Vinylthiazole
Methyl-alpha-Ionone
Methyl-trans-2-Butenoic Acid
4-Methylacetophenone
para-Methylanisole
alpha-Methylbenzyl Acetate
alpha-Methylbenzyl Alcohol
2-Methylbutyraldehyde
3-Methylbutyraldehyde
2-Methylbutyric Acid
alpha-Methylcinnamaldehyde
Methylcyclopentenolone
2-Methylheptanoic Acid
2-Methylhexanoic Acid
3-Methylpentanoic Acid

4-Methylpentanoic Acid
2-Methylpyrazine
5-Methylquinoxaline
2-Methyltetrahydrofuran-3-one
(Methylthio)Methylpyrazine (Mixture Of Isomers)
3-Methylthiopropionaldehyde
Methyl 3-Methylthiopropionate
2-Methylvaleric Acid
Mimosa Absolute and Extract
Molasses Extract and Tincture
Mountain Maple Solid Extract
Mullein Flowers
Myristaldehyde
Myristic acid
Myrrh Oil
beta-Napthyl Ethyl Ether
Nerol
Neroli Bigarde Oil
Nerolidol
Nona-2-trans,6-cis-dienal
2,6-Nonadien-1-ol
gamma-Nonalactone
Nonanal
Nonanoic Acid
Nonanone
trans-2-Nonen-1-ol
2-Nonenal
Nonyl Acetate
Nutmeg Powder and Oil
Nicotine
Oak chips extract and oil
Oakmoss absolute
9,12-Octadecadienoic acid (48%) and 9,12,15-Octadecatrienoic acid (52%)
delta-Octalactone
gamma-Octalactone
Octanal
Octanoic acid
1-Octanol
2-Octanone
3-Octen-2-one
1-Octen-3-ol
1-Octen-3-yl acetate
2-Octenal
Octyl isobutyrate
Oleic acid
Olibanum oil
Opoponax oil and gum
Orange blossom water, absolute, and leaf absolute
Orange oil and extract
Origanum oil
Orris concrete oil and root extract
Palmarosa Oil
Palmitic acid
Parsley Seed Oil
Patchouli Oil
omega-Pentadecalactone
2,3-Pentanedione
2-Pentanone
4-Pentenoic Acid

2-Pentylpyridine
Pepper Oil, Black And White
Peppermint Oil
Peruvian (Bois De Rose) Oil
Petitgrain Absolute, Mandarin Oil and Terpeneless Oil
alpha-Phellandrene
2-Phenenthyl Acetate
Phenethyl alcohol
Phenethyl Butyrate
Phenethyl Cinnamate
Phenethyl Isobutyrate
Phenethyl Isovalerate
Phenethyl Phenylacetate
Phenethyl Salicylate
1-Phenyl-1-Propanol
3-Phenyl-1-Propanol
2-Phenyl-2-Butenal
4-Phenyl-3-Buten-2-Ol
4-Phenyl-3-Buten-2-One
Phenylacetaldehyde
Phenylacetic Acid
L-Phenylalanine
3-Phenylpropionaldehyde
3-Phenylpropionic Acid
3-Phenylpropyl Acetate
3-Phenylpropyl Cinnamate
2-(3-Phenylpropyl)Tetrahydrofuran
Phosphoric Acid
Pimenta Leaf Oil
Pine Needle Oil, Pine Oil, Scotch
Pineapple Juice Concentrate
alpha-Pinene, beta-Pinene
D-Piperitone
Piperonal
Pipsissewa Leaf Extract
Plum Juice
Potassium Sorbate
L-Proline
Propenylguaethol
Propionic Acid
Propyl Acetate
Propyl para-Hydroxybenzoate
Propylene Glycol
3-Propylidenephthalide
Prune Juice and Concentrate
Pyridine
Pyroligneous Acid And Extract
Pyrrole
Pyruvic Acid
Raisin Juice Concentrate
Rhodinol
Rose Absolute and Oil
Rosemary Oil
Rum
Rum Ether
Rye Extract
Sage, Sage oil, and Sage oleoresin
Salicylaldehyde
Sandalwood oil, yellow
Sclareolide

Skatole
Smoke flavor
Snakeroot oil
Sodium acetate
Sodium benzoate
Sodium bicarbonate
Sodium carbonate
Sodium chloride
Sodium citrate
Sodium hydroxide
Solanone
Spearmint oil
Styrax extract, gum and oil
Sucrose octaacetate
Sugar alcohols
Sugars
Tagetes Oil
Tannic Acid
Tartaric Acid
Tea Leaf and Absolute
alpha-Terpineol
Terpinolene
Terpinyl Acetate
5,6,7,8-Tetrahydroquinoxaline
1,5,5,9-Tetramethyl-13-Oxatricyclo(8.3.0.0(4,9))Tridecane
2,3,4,5, and 3,4,5,6-Tetramethylethyl-Cyclohexanone
2,3,5,6-Tetramethylpyrazine
Thiamine Hydrochloride
Thiazole
L-Threonine
Thyme Oil, White and Red
Thymol
Tobacco Extracts
Tocopherols (mixed)
Tolu balsam Gum and Extract
Tolualdehydes
para-Tolyl 3-Methylbutyrate
para-Tolyl Acetaldehyde
para-Tolyl Acetate
para-Tolyl Isobutyrate
para-Tolyl Phenylacetate
Triacetin
2-Tridecanone
2-Tridecenal
Triethyl Citrate
3,5,5-Trimethyl-1-Hexanol
para,alpha,alpha-Trimethylbenzyl Alcohol
4-(2,6,6-Trimethylcyclohex-1-Enyl)But-2-En-4-One
2,6,6-Trimethylcyclohex-2-Ene-1,4-Dione
2,6,6-Trimethylcyclohexa-1,3-Dienyl Methan
4-(2,6,6-Trimethylcyclohexa-1,3-Dienyl)But-2-En-4-One
2,2,6-Trimethylcyclohexanone
2,3,5-Trimethylpyrazine
L-Tyrosine
delta-Undecalactone
gamma-Undecalactone
Undecanal
2-Undecanone
10-Undecenal
Urea

Valencene Valeraldehyde Valerian Root Extract, Oil and Powder Valeric acid gamma-Valerolactone Valine Vanilla Extract And Oleoresin Vanillin Veratraldehyde Vetiver Oil Vinegar Violet Leaf Absolute Walnut Hull Extract Water Wheat Extract And Flour Wild Cherry Bark Extract Wine and Wine Cherry Xanthan Gum 3,4-Xylenol Yeast	

1) The Ultimate List of E-Cig Studies: Are E-Cigs Actually Safe? *Updated 2/16/14:

http://onvaping.com/the-ultimate-list-of-studies-on-e-cigarettes-and-their-safety/

(A): E-Cig and E-Juice Safety: Are They Safe?

2) Scientific Errors in the Tobacco Products Directive:

http://www.ecigarette-research.com/web/index.php/2013-04-07-09-50-07/149-tpd-errors

3) Ecigs Do Not Stiffen Arteries (PDF):

http://www.ecigarette-research.com/EUROECHO2013-ecigs.pdf

4) Smoking Kills, and So Might E-Cigarette Regulation:

http://www.american.com/archive/2013/november/smoking-kills-and-so-might-e-cigarette-regulation

5) Research on Safety of Electronic Cigarettes (PDF):

http://ecigarettereviewed.com/wp-content/uploads/2013/11/Research-on-Safety-of-Electronic-Cigarettes-Dr.-Konstantinos-Farsalinos-E-Cigarette-Summit.pdf

6) Nicotine safety in the context of e-cigarette use and tobacco dependence:

http://ecigarettereviewed.com/wp-content/uploads/2013/11/Nicotine-safety-in-the-context-of-e-cigarette-use-and-tobacco-dependence-Jacques-Le-Houezec-E-Cigarette-Summit.pdf

7) Evaluating Nicotine Levels Selection and Patterns of Electronic Cigarette Use in a Group of "Vapers" Who Had Achieved Complete Substitution of Smoking:

http://www.la-press.com/evaluating-nicotine-levels-selection-and-patterns-of-electronic-cigare-article-a3858-abstract

8) Vaping: coronary circulation and oxygen supply (PDF): Recent research indicates that electronic cigarette use does not affect the oxygenation of the heart

http://spo.escardio.org/eslides/view.aspx?eevtid=54&fp=1375

9) MHRA Ecigarette Research: The UK's Medicines and Healthcare Products Regulatory Agency (MHRA) carried out extensive research on ecigarettes, arriving at the conclusion there was little concern that e-cigarettes can harm users by delivering toxic nicotine levels and little evidence of non-smokers taking up electronic cigarettes. Published in June 2013.:

http://www.mhra.gov.uk/home/groups/comms-ic/documents/websiteresources/con286844.pdf

10) Evaluation of Electronic Cigarette Use (Vaping) Topography and Estimation of Liquid Consumption: Implications for Research Protocol Standards Definition and for Public Health Authorities' Regulation:

http://www.mdpi.com/1660-4601/10/6/2500

11) Electronic cigarettes do not damage the heart; Electronic cigarettes appear to have no acute adverse effects on cardiac function according to research by cardiologist Dr Konstantinos Farsalinos:

http://www.escardio.org/about/press/press-releases/esc12-munich/Pages/acute-effects-electronic-cigarettes-heart-damage.aspx

12) Principles to Guide AAPHP Tobacco Policy: The American Association of Public Health Physicians recommends electronic cigarettes as a safer smoke-free tobacco/nicotine product:

http://www.aaphp.org/Tobacco

http://www.aaphp.org/Resources/Documents/20100402AAPHPEcigLegisStatemnt.pdf

13) Athens University Ecig Study Challenged: Dr. Michael Siegel questions a University of Athens study claiming e-cigarettes can cause lung damage:

http://tobaccoanalysis.blogspot.co.uk/2012/09/experts-from-university-of-athens-tell.html

14) Regulation: when less is more; Presentation slides from Clive Bates (of the Counter-factual) concerning the dangers of over-regulating ecigarettes. Mr Bates urges positively about the vast potential about e cigs, to put the (minor) risks in perspective and regulate as though the 1 billion who are predicted to die from tobacco related illnesses in the 21st century matter most. Presented at The E-Cigarette Summit, Royal Society, London in November 2013.:

http://ecigarettereviewed.com/wp-content/uploads/2013/11/Clive-Bates-Regulation-When-Less-is-More-E-Cigarette-Summit.pdf

15) 'Vaping' profiles and preferences: an online survey of electronic cigarette users; 1,347 vapers were surveyed in an effort to characterize e-cigarette use, users and effects. Results generally showed respondents found ecigarettes to be satisfying to use; cause few side effects; considered healthier than smoking, resulted in improve cough/breathing and lowered levels of craving. The survey was hosted at the University of East London. Published March 2013.:

http://onlinelibrary.wiley.com/doi/10.1111/add.12150/abstract

(B): Second-Hand Vapor Safety: Is Vapor Safe for Others?

16) Peering through the mist: systematic review of what the chemistry of contaminants in electronic cigarettes tells us about health risks:

http://www.biomedcentral.com/1471-2458/14/18/abstract

http://www.biomedcentral.com/content/pdf/1471-2458-14-18.pdf

17) Cytotoxicity evaluation of ecig vapor extract: A 2013 study designed to evaluate the cytotoxic potential of 21 eliquids compared to the effects of cigarette smoke found ecig vapor is significantly less cytotoxic compared to tobacco:

http://informahealthcare.com/doi/abs/10.3109/08958378.2013.793439

18) Ecigarette toxicants study: Levels of selected carcinogens and toxicants in vapour from electronic cigarettes have been found to be 9 to 450 times less than tobacco cigarettes in 12 brands studied; leading the researchers to conclude “substituting tobacco cigarettes with e-cigarettes may substantially reduce exposure to selected tobacco-specific toxicants”. The study was first published online on March 6, 2013:

http://tobaccocontrol.bmj.com/content/early/2013/03/05/tobaccocontrol-2012-050859.short

19) Characterization of chemicals released to the environment by electronic cigarettes use (ClearStream-AIR project):

is passive vaping a reality? This study sought to identify and quantify the chemicals released on a closed environment from the use of e-cigarettes – the findings? There's little to be concerned about with regard safety. This research again confirms the type and quantity of chemicals released are by far less harmful to human health compared to regular tobacco cigarettes. In fact, it "could be more unhealthy to breath air in big cities compared to staying in the same room with someone who is vaping.":

http://clearstream.flavourart.it/site/wp-content/uploads/2012/09/CSA_ItaEng.pdf

20) Indoor Vapor Air Quality Study: Data at Clarkson University's Center for Air Resources and reviewed by an independent toxicologist indicates electronic cigarettes produce very small exposures to byproducts relative to tobacco cigarettes. The study has been peer reviewed and will appear the Journal of Inhalation Toxicology:

http://www.ivaqs.com

21) E-cigarettes: harmless inhaled or exhaled: Report from Health New Zealand stating e-cigarette vapors do not contain substances known to cause death in the quantities found:

http://www.healthnz.co.nz/ECigsExhaledSmoke.htm

22) Society for Research on Nicotine and Tobacco (PDF): This research acknowledges that no drug is safe, but the emissions associated with the e-cigarette brand tested appear to be “several magnitudes safer” than tobacco smoke emissions:

http://www.healthnz.co.nz/DublinEcigBenchtopHandout.pdf

23) E-cigarette Vapor And Cigarette Smoke Comparison: High nicotine e-liquids were vaporized in a series of experiments and the emissions compared to tobacco smoke. The study results indicate “no apparent risk to human health from e-cigarette emissions based on the compounds analyzed”:

http://www.ncbi.nlm.nih.gov/pubmed/23033998

24) Propylene Glycol Safe: Monkeys and rats were exposed continuously to high concentrations of propylene glycol, a common component of e liquids for periods of 12 to 18 months. Results of the research state “air containing these vapors in amounts up to the saturation point is completely harmless”:

http://jpet.aspetjournals.org/content/91/1/52.abstract

(C): E Cigs as Smoking Cessation Devices: Does the Research Show That They Work?

25) A Longitudinal Study Of Ecig Users: This study concludes that electronic cigarettes may hep with preventing the relapses of former smokers and may even help current smokers to quit cigarettes. It also found that dual users, who were still smoking at the point of follow-up, had decreased their tobacco cigarette consumption by 5.3 cigarettes a day. Published January 2014:

http://www.sciencedirect.com/science/article/pii/S0306460313003304

26) Second Hand Vapor Study (PDF): A new study shows that even-though e-cigarettes are a source of second-hand exposure to nicotine; it's far, far less than that associated with second hand cigarette smoke. Additionally, when tested, e-cigarette second-hand vapor did not contain combustion related toxicants. Lead author was Maciej Goniewic from the Roswell Park Cancer Institute in Buffalo, N.Y. Published in Oxford Journal, December 2013:

http://ntr.oxfordjournals.org/content/early/2013/12/10/ntr.ntt203.short?rss=1

27) A Longitudinal Study Of Electronic Cigarette Users: A study of 477 e cigarette users by researchers from the University of Auckland and University of Geneva has arrived at the conclusion that "E-cigarettes may contribute to relapse prevention in former smokers and smoking cessation in current smokers" Published October 2013:

http://www.sciencedirect.com/science/article/pii/S0306460313003304

28) Ecigs Not A Gateway To Smoking: The study is yet to be published, but according to research presented at the annual meeting of the American Association for Cancer Research (October 2013), the use of e cigarettes by teens does not lead to smoking tobacco in the vast majority of cases:

http://tobaccoanalysis.blogspot.com.au/2013/10/first-study-to-examine-e-cigarette.html

29) Efficiency and Safety of an Electronic Cigarette as Tobacco Cigarettes Substitute: In a 12-month trial of ecigarettes to evaluate smoking reduction/abstinence in 300 smokers not intending to quit; complete abstinence

from tobacco smoking was documented in 10.7% and 8.7% at week-12 and after a year respectively. For the group receiving the higher dose nicotine cartridges, the tobacco cigarette cessation rate was 13% after a year. The study was published on PLOS One on June 24, 2013:

http://www.plosone.org/article/info:doi/10.1371/journal.pone.0066317

30) Effect of ecigs on smoking reduction and cessation: A study showing the use of e cigarettes substantially decreased cigarette consumption without causing significant side effects in smokers who had no intention to quit. Published in 2011:

http://www.biomedcentral.com/content/pdf/1471-2458-11-786.pdf

31) Electronic Cigarettes As a Smoking-Cessation Tool: The findings of this study indicate "e-cigarettes may hold promise as a smoking-cessation method" and that further research should be carried out:

http://stop-tabac.ch/fra/images/stories/documents_stop_tabac/seigel%20e%20cigs%20am%20j%20prev%20med%202011.pdf

32) Electronic cigarettes: achieving a balanced perspective: This 2012 paper argues that while more

research is needed on the cost–benefit of ecigs and appropriate regulation, the harms so far have been overstated relative to the potential benefits. The paper mentions a study that found of more than 2000 former smokers in this survey, 96% reported that the e-cigarette helped them to stop smoking:

http://www.legaliser.nu/sites/default/files/files/Electronic%20cigarettes%20achieving%20a%20balanced%20perspective.pdf

D) General media

33) **E-Cigarettes and Maintenance Therapy: A Smart Public Health Approach**

http://www.huffingtonpost.com/julie-netherland/e-cigarettes-and-maintenance-therapy_b_5839200.html?utm_hp_ref=tw