



Name of Institution: The University of British Columbia

UBC Federalwide Assurance Number for U.S. government funded studies: FWA00000668

UBC Clinical Research Ethics Board (CREB) IRB Identifier Number: IRB00001443

UBC CREB VOTING MEMBER Gender/Citizenship	REB POSITION (Alternate Designation)	HIGHEST DEGREE(S) EARNED	PRIMARY SCIENTIFIC OR NONSCIENTIFIC SPECIALITY	AFFILIATION WITH INSTITUTION	QUORUM DESIGNATION *
1 Dr. Najib Ayas Male / Canadian	Voting Member	MD	Internal Medicine (Pulmonary Critical Care Medicine)	Yes	B
2 Dr. John Cairns Male / Canadian	Voting Member	MD, FRCPC	Cardiology	Yes	B
3 Dr. Christopher Carlsten Male / Canadian	Voting Member (Alternate for # 1)	MD	Respiratory	Yes	B
4 Dr. Kristine Chapman Female / Canadian	Voting Member (Alternate for #7)	MD	Neurology	Yes	B
5 Dr. Peter Choi Male / Canadian	Voting Member	MD, MSc	Anesthesia	Yes	B
6 Dr. Iain Dommisie Male / Canadian	Voting Member (Alternate for #9)	MbChB	Orthopedics	No	B
7 Dr. Doris Doudet Female / Canadian	Voting Member	MD	Neurology	Yes	B
8 Dr. Robert Douglas Male / Canadian	Voting Member	MD	Ophthalmology and Visual Sciences	Yes	B
9 Dr. Clive Duncan Male / Canadian	Voting Member	MBBCh, Msc, FRCSC	Orthopedic surgery, Medicine, Surgery	Yes	B
10 Dr. Duncan Farquharson Male / Canadian	Voting Member	MD, FRCS, FACOG	Obstetrics / Gynaecology	Yes	B
11 Dr. Johnna Fisher Female / Canadian	Voting Member (Alternate for # 36)	PhD	Philosophy	Yes	E
12 Dr. Hugh Freeman Male / Canadian	Voting Member	MD, FRC(C)	Gastroenterology	Y	B
13 Ms. Barbara Fulton Female / Canadian	Voting member	MA	Community Member	No	C, N
14 Dr. Emma Tomlinson Guns Female / Canadian	Voting Member	Ph.D	Urologic Sciences,	Yes	B
15 Dr. Jaap Hamburger Male / Canadian	Voting Member (Alternate for # 2)	Ph,D, FESC, FRCPC	Interventional Cardiology	Yes	B
16 Dr Stephen Hoption-Cann Male / Canadian	Voting Member Vice Chair	PhD	Epidemiology	Yes	B
17 Dr. Robin Hsiung Male / Canadian	Voting Member (Alternate for #7)	MD, FRCPC, FACP	Neurology	Yes	B

18	Ms. Suzanne Kennedy Female / Canadian	Voting Member (Alternate for #40)	LLB	Law	No	L, N
19	Dr. Nasreen Khalil Female / Canadian	Voting Member (Alternate for # 1)	MD	Respiratory	Yes	B
20	Dr. Clifford Neil Kitson Male / Canadian	Voting Member	PhD	Dermatology and Skin Science	Yes	B
21	Dr. Ardis Krueger Female / Canadian	Ad hoc member for NHP reviews	ND	Natural Health Products	No	H
22	Dr. Peter Loewen Male / Canadian	Chair	Pharm.D	Pharmaceutical Sciences	Yes	B, E
23	Ms. Karen Low Ah Kee Female / Canadian	Voting Member (Alternate for #11)		Community Member	No	C, N
24	Dr. Heather Macdonald Female / Canadian	Voting Member (Alternate for # 9)	PhD	Orthopedics		
25	Dr. Alexander MacKay Male / Canadian	Voting Member (Alternate for # 27)	PhD	Radiology	Yes	B
26	Ms. Bonnie MacKenzie Female / Canadian	Voting Member (Alternate for # 11)		Community Member	No	C, N
27	Dr. Ian Martin Male / Canadian	Voting Member	MD	Family Medicine, Epidemiology, Emergency Medicine	Yes	B
28	Dr. John Mayo Male / Canadian	Voting Member	MD	Radiology	Yes	B
29	Dr. Orson Moritz Male / Canadian	Voting Member (Alternate for # 8)	MD	Ophthalmology and Visual Sciences	Yes	B
30	Dr. Elton Ngan Male / Canadian	Voting Member	MD	Psychiatry	Yes	B
31	Dr. Christopher Nguan Male / Canadian	Voting Member (Alternate for #12)	MD	Urologic Sciences	Yes	B
32	Dr. Anthony Papp Male / Finland	Voting Member	MD. PhD	Plastic Surgery	Yes	B
33	Loree Phillet Female / Canadian	Voting member (Alternate for # 11)		Community Member	No	C, N
34	Christina Preto Female / Canadian	Voting Member (Alternate for # 370)		Bioethics	Yes	E, L,
35	Dr. Jerilynn Prior Female / Canadian	Voting Member	MD	Endocrinology	Yes	B
36	Dr. Roy Purssell Male / Canadian	Voting Member	MD	Emergency medicine	Yes	B
37	Dr. John Russell Male / Canadian	Ethicist	PhD	Philosophy (Ethics)	Yes	E, L, N

38	Dr. Bonita Sawatzky Female / Canadian	Voting Member (Alternate for # 9)	PhD	Orthopedics (Sports Medicine, Biomechanics)	Yes	B
39	Dr. Robert Stowe Male / Canadian / American	Voting Member (Alternate for # 30)	MD	Neuropsychiatry	Yes	B
40	Mr. Bill Sullivan, QC Male/Canadian	Voting Member	LLB	Law	No	L, N
41	Dr. John Tsang Male/Canadian	Voting Member	MD, FRCPC	Critical Care Medicine	Yes	B

The changes reflected in this document are:

Deleted: Peter McComb, Morrison Hurley, Alice Hawkins, Fergal Donnellan

Added: Duncan Farquharson, Hugh Freeman, Nasreen Khalil, Christopher Carlsten, Christina Preto

FOR ALL RESEARCH CONDUCTED UNDER THIS ASSURANCE, THE REB CHAIRPERSON HEREBY ATTESTS THAT, EXCEPT WHERE SPECIFICALLY WAIVED OR ALTERED BY THE IRB UNDER 45 CFR 46.116(c), 46.116(d), or 46.117(c), THE REB WILL UPHOLD THE REQUIREMENTS OF 45 CFR 46 FOR WRITTEN INFORMED CONSENT, IN NONEXCULPATORY LANGUAGE UNDERSTANDABLE TO THE SUBJECT (OR THE SUBJECT'S LEGALLY AUTHORIZED REPRESENTATIVE), INCLUDING THE FOLLOWING BASIC ELEMENTS PER 45 CFR 46.116(a/b):

- (1) IDENTIFICATION AS RESEARCH; PURPOSES, DURATION, AND PROCEDURES; PROCEDURES WHICH ARE EXPERIMENTAL;
- (2) REASONABLY FORESEEABLE RISKS OR DISCOMFORTS;
- (3) EXPECTED BENEFITS TO THE SUBJECT OR OTHERS;
- (4) ALTERNATIVE PROCEDURES OR TREATMENTS;
- (5) EXTENT OF CONFIDENTIALITY TO BE MAINTAINED;
- (6) WHETHER COMPENSATION OR MEDICAL TREATMENT ARE AVAILABLE IF INJURY OCCURS (IF MORE THAN MINIMAL RISK);
- (7) WHOM TO CONTACT FOR ANSWERS TO QUESTIONS ABOUT THE RESEARCH, SUBJECT'S RIGHTS, AND RESEARCH-RELATED INJURY;
- (8) PARTICIPATION IS VOLUNTARY; REFUSAL TO PARTICIPATE WILL INVOLVE NO PENALTY OR LOSS OF BENEFITS TO WHICH SUBJECT IS ENTITLED; SUBJECT MAY DISCONTINUE AT ANY TIME WITHOUT PENALTY OR LOSS OF BENEFITS TO WHICH SUBJECT IS ENTITLED;
- (9) WHEN APPROPRIATE, ADDITIONAL ELEMENTS PER 45 CFR 46.116(b).

AS REB CHAIRPERSON, I HEREBY SO ATTEST.



SIGNATURE: _____

Dr. Peter Loewen

DATE: 25 November 2013

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Vancouver, BC V5Z 1L8

* All UBC CREB Members are voting members. A quorum comprises a minimum of five separate members from groups 1-4, with:

- 1) at least two members with broad expertise in biomedical research (Scientific): **B**
- 2) at least one member knowledgeable in the ethics of scientific research: **E**
- 3) at least one member knowledgeable in law relevant to scientific research: **L**
- 4) at least one member from the community who has no affiliation with the institution (Lay Member): **C**
- 5) at least one member whose specialty is non-scientific (may also be from groups 1-4): **N**
- 6) at least one member knowledgeable in therapeutic natural health products (ad hoc, for quorum only for review of therapeutic natural health products): **H**