



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	<b>Dr. Najib Ayas</b> Male / Canadian	Voting Member	MD	Internal Medicine (Pulmonary Critical Care Medicine)	Yes	B
2	<b>Dr. John Cairns</b> Male / Canadian	Voting Member	MD, FRCPC	Cardiology	Yes	B
3	<b>Dr. Kristine Chapman</b> Female / Canadian	Voting Member (Alternate for #7)	MD	Neurology	Yes	B
4	<b>Dr. Peter Choi</b> Male / Canadian	Voting Member	MD, MSc	Anesthesia	Yes	B
5	<b>Dr. Iain Dommisse</b> Male / Canadian	Voting Member (Alternate for #9)	MbChB	Orthopedics	No	B
6	<b>Dr. Fergal Donnellan</b> Male / Irish	Voting Member	MD	Gastroenterology	Yes	B
7	<b>Dr. Doris Doudet</b> Female / Canadian	Voting Member	MD	Neurology	Yes	B
8	<b>Dr. Robert Douglas</b> Male / Canadian	Voting Member	MD	Ophthalmology and Visual Sciences	Yes	B
9	<b>Dr. Clive Duncan</b> Male / Canadian	Voting Member	MBBCh, Msc,FRCSC	Orthopedic surgery, Medicine, Surgery	Yes	B
10	<b>Dr. Johnna Fisher</b> Female / Canadian	Voting Member (Alternate for # 36)	PhD	Philosophy	Yes	E
11	<b>Ms. Barbara Fulton</b> Female / Canadian	Voting member	MA	Community Member	No	C, N
12	<b>Dr. Emma Tomlinson Guns</b> Female / Canadian	Voting Member	Ph.D	Urologic Sciences,	Yes	B
13	<b>Dr. Jaap Hamburger</b> Male / Canadian	Voting Member (Alternate for # 2)	Ph,D, FESC, FRCPC	Interventional Cardiology	Yes	B
14	<b>Dr. Alice Hawkins</b> Female / Canadian	Voting Member (Alternate for # 36)	PhD	Applied Ethics, Political Science, Pathology	Yes	E
15	<b>Dr Stephen Hopton-Cann</b> Male / Canadian	Voting Member Vice Chair	PhD	Epidemiology	Yes	B
16	<b>Dr. Robin Hsiung</b> Male / Canadian	Voting Member (Alternate for #7)	MD, FRCPC, FACP	Neurology	Yes	B
17	<b>Dr. Morrison Hurley</b> Male / Canadian	Voting Member	MD	Pediatrics, Nephrology	Yes	B

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

38	<b>Dr. Robert Stowe</b> Male / Canadian / American	Voting Member (Alternate for # 30)	MD	Neuropsychiatry	Yes	B
39	<b>Mr. Bill Sullivan, QC</b> Male/Canadian	Voting Member	LLB	Law	No	L, N
40	<b>Dr. John Tsang</b> Male/Canadian	Voting Member	MD, FRCPC	Critical Care Medicine	Yes	B

The changes reflected in this document are:

**Deleted: Gang Li**

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: 13 May 2013  
TELEPHONE: 604-875-4149  
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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**