



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. Raja Abboud</b> Male / Canadian	Voting Member (Alternate for # 2)	MD, FRCP	Respiratory Medicine	Yes	B
2 <b>Dr. Najib Ayas</b> Male / Canadian	Voting Member	MD	Internal Medicine (Pulmonary Critical Care Medicine)	Yes	B
3 <b>Dr. John Cairns</b> Male / Canadian	Voting Member	MD, FRCPC	Cardiology	Yes	B
4 <b>Dr. Anna Celler</b> Female / Canadian	Voting Member (Alternate for # 24)	PhD	Radiology, Nuclear Physics	Yes	B
5 <b>Dr. Peter Choi</b> Male / Canadian	Voting Member	MD, MSc	Anesthesia	Yes	B
6 <b>Dr. Iain Dommisie</b> Male / Canadian	Voting Member (Alternate for #28)	MbChB	Orthopedics	No	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>Clive Duncan</b> Male / Canadian	Voting Member (alternate for #28)	MBBCh, Msc,FRCS	Orthopedic surgery, Medicine, Surgery	Yes	B
10 <b>Ms. Barbara Fulton</b> Female / Canadian	Voting member	MA	Community Member	No	C, N
11 <b>Dr. Aziz Ghahary</b> Male / Canadian	Voting Member	Ph.D	Plastic Surgery	Yes	B
12 <b>Sarah Harbottle</b> Female / Canadian	Voting Member (Alternate for # 38)	LL.B	Law	No	L, N
13 <b>Ms. Holly Harlow</b> Female / American	Voting Member (Alternate for #38)	LLM	Law	No	L, N
14 <b>Dr. Alice Hawkins</b> Female / Canadian	Voting Member (Alternate for # 34)	PhD	Applied Ethics, Political Science, Pathology	Yes	E
15 <b>Dr Stephen Hoption-Cann</b> Male / Canadian	Voting Member	PhD	Epidemiology	Yes	B
16 <b>Dr. Morrison Hurley</b> Male / Canadian	Voting Member (Alternate for #37)	MD	Pediatrics, Nephrology	Yes	B
17 <b>Dr. Dean C.C. Johnston</b> Male / Canadian	Voting Member (Alternate for #7)	MD, MHSc	Neurology	Yes	B

18	<b>Suzanne Kennedy</b> Female / Canadian	Voting Member (Alternate for #38)	LLB	Law	No	L, N
19	<b>Dr. Ardis Krueger</b> Female / Canadian	Ad hoc member for NHP reviews	ND	Natural Health Products	No	H
20	<b>Dr. Gang Li</b> Male / Canadian	Voting Member	Ph.D	Dermatology	Yes	B
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		Community Member	No	C, N
23	<b>Dr. Alexander MacKay</b> Male / Canadian	Voting Member (Alternate for #24)	PhD	Radiology	Yes	B
24	<b>Dr. Ian Martin</b> Male / Canadian	Voting Member	MD	Family Medicine, Epidemiology, Emergency Medicine	Yes	B
25	<b>Dr. John Mayo</b> Male/Canadian	Voting Member	MD	Radiology	Yes	B
26	<b>Dr. Peter McComb</b> Male / Canadian	Voting Member	MD, FRCSC	Obstetrics and Gynaecology	Yes	B
27	<b>Dr. James McCormack</b> Male/Canadian	Vice Chair	Pharm.D	Pharmaceutical Sciences	Yes	B, E
28	<b>Dr. Orson Moritz</b> Male / Canadian	Voting Member (Alternate for #8)	MD	Ophthalmology and Visual Sciences	Yes	B
29	<b>Dr. Kishore Mulpuri</b> Male / Canadian and Indian	Voting Member	MD	Orthopedics	Yes	B
30	<b>Dr. Elton Ngan</b> Male / Canadian	Voting Member	MD	Psychiatry	Yes	B
31	<b>Dr. Robin O'Brien</b> Female / Canadian	Voting Member (Alternate for # 21&26)	Pharm.D	Pharmaceutical Sciences, Natural Health Products	Yes	B, H
32	<b>Dr. Jerilynn Prior</b> Female / Canadian	Voting Member	MD	Endocrinology	Yes	B
33	<b>Dr. Robert Reynolds</b> Male / Canadian	Voting Member	MD	Infectious Diseases	Yes	B
34	<b>Dr. John Russell</b> Male / Canadian	Ethicist	PhD	Philosophy (Ethics)	Yes	E, L, N
35	<b>Dr. Bonita Sawatzky</b> Female / Canadian	Voting Member (Alternate for # 28)	PhD	Orthopedics (Sports Medicine, Biomechanics)	Yes	B
36	<b>Dr. Robert Stowe</b> Male / Canadian / American	Voting Member (Alternate for # 29)	MD	Neuropsychiatry	Yes	B
37	<b>Mr. Bill Sullivan, QC</b> Male/Canadian	Voting Member	LLB	Law	No	L, N

38	<b>Dr. John Tsang</b> Male/Canadian	Voting Member	MD, FRCPC	Critical Care Medicine	Yes	B
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The changes reflected in this document are:

Deleted: Robert Peterson, Caron Strahlendorf

Added: Aziz Ghahary, 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: 02 Feb 2010  
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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**