



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	Half-time member	MD	Internal Medicine (Pulmonary Critical Care Medicine)	Yes	B
2	Dr. John Cairns Male/Canadian	Half-time member	MD, FRCPC	Cardiology	Yes	B
3	Dr. Doris Doudet Female/Canadian	Half-time member	MD	Neurology	Yes	B
4	Dr. Robert Douglas Male/Canadian	Half-time member	MD	Ophthalmology and Visual Sciences	Yes	B
5	Clive Duncan Male / Canadian	Half-time Member	MBBCh, Msc,FRCSC	Orthopedic surgery, Medicine, Surgery	Yes	B
6	Ms. Barbara Fulton Female/Canadian	Full-time member	MA	Community Member	No	C, N
7	Ms. Holly Harlow Female/American	Reserve member	LLM	Law	No	L, N
8	Dr Stephen Hopton-Cann Male/Canadian	Associate Chair and Full-time member	PhD	Epidemiology	Yes	B
9	Dr. Morrison Hurley Male/Canadian	Half-time member	MD	Pediatric Nephrology	Yes	B
10	Jo-Ann Isaacson Female / Canadian	Alternate Community member		Community member	No	C, N
11	Dr. Dean C.C. Johnston Male/Canadian	Half-time member	MD, MHSc	Neurology	Yes	B
12	Suzanne Kennedy Female/Canadian	Alternate Lawyer	LLB	Law	No	L, N
13	Simon Kent Male/Canadian	Alternate Lawyer	LLB	Law	No	L,N
14	Dr. Ardis Krueger Female/Canadian	Ad hoc member for NHP reviews	ND	Natural Health Products	No	H
15	Dr. Peter Loewen Male / Canadian	Full-time Chair	Pharm D	Pharmaceutical Sciences	Yes	B, E
16	Ms. Karen Low Ah Kee Female/Canadian	Full-time member		Community Member	No	C, N
17	Dr. Alexander MacKay Male/Canadian	Half-time member	PhD	Radiology	Yes	B

18	Dr. John Mayo Male/Canadian	Half-time member	MD	Radiology	Yes	B
19	Dr. Peter McComb Male/Canadian	Half-time member	MD, FRCSC	Obstetrics and Gynaecology	Yes	B
20	Dr. James McCormack Male/Canadian	Associate Chair and Full-time member	Pharm.D.	Pharmaceutical Sciences	Yes	B, E
21	Dr. Orson Moritz Male/Canadian	Half-time member	MD	Ophthalmology and Visual Sciences	Yes	B
22	Dr. Kishore Mulpuri Male/Canadian and Indian	Half-time member	MD	Orthopedics	Yes	B
23	Dr. Elton Ngan Male/Canadian	Half-time member	MD	Psychiatry	Yes	B
24	Dr. Robert Peterson Male/Canadian and American	Full-time member	MD	Pediatrics	Yes	B
25	Dr. Jerilynn Prior Female/Canadian	Half-time member	MD	Endocrinology	Yes	B
26	Dr. Robert Reynolds Male/Canadian	Half-time member	MD	Infectious Diseases	Yes	B
27	Dr. Jeremy Road Male/Canadian	Half-time member	MD	Respirology	Yes	B
28	Dr. John Russell Male/Canadian	Ethicist and Associate Chair	PhD	Philosophy (Ethics)	Yes	E, L, N
29	Dr. Robert Stowe Male/Canadian and American	Half-time member	MD	Psychiatry	Yes	B
30	Dr. Caron Strahlendorf Female/Canadian	Associate Chair and Half-time member	MD	Pediatric Oncology	Yes	B
31	Mr. Bill Sullivan, QC Male/Canadian	Full-time member	LLB	Law	No	L, N
32	Dr. John Tsang Male/Canadian	Half-time member	MD, FRCPC	Critical Care Medicine	Yes	B

The changes reflected in this document are:

1. Change in line 10, 12 & 13 to reflect that these members are Alternate members and not Ad hoc members.

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: 17 April 2009

TELEPHONE: 604-875-4149

ADDRESS: 210-828 West 10th Avenue
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**