

Date: Jan 08, 2025

Name of Institution: The University of British Columbia

UBC Federal Wide 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 SPECIALTY	AFFILIATION WITH INSTITUTION	QUORUM DESIGNATION *
2	Dr. Philip Ainslie Male / Canadian	Voting Member Health and Exercise Sciences	PhD	Health and Exercise Science	Yes	В
3	<b>Dr. Najib Ayas</b> Male / Canadian	Voting Member	MD	Respiratory Medicine	Yes	В
4	Ms. Anjali Bauri Female / Canadian	Ad Hoc / non-voting member		Masters student Philosophy	Yes	Non-Voting
5	Dr. Celine Bergeron Female / Canadian	Voting Member (Alternate for N. Ayas)	MD, FRCPC	Respiratory Medicine	Yes	В
6	<b>Dr. George Budd</b> Male / Canadian	Voting Member (Alternate for L. Vu)	Parm.D	Pharmaceutical Sciences, Addiction Medicine	Yes	В
7	Dr. Rona Cheifetz Female / Canadian	Voting Member	MD MEd FRCSC	Surgery	Yes	В
8	Dr. Doris Doudet Female / Canadian	Voting Member	MD	Neurology	Yes	В
9	<b>Dr. Hugh Freeman</b> Male / Canadian	Voting Member (Co- Chair)	MD, FRC(C)	Gastroenterology	Yes	В
10	Ms. Julia Gill Female/Canadian	Voting Member (Alternate for J. Russell)	JD, MHSc	Bioethics	Yes	B, E
11	<b>Dr. David Harriman</b> Male / US	Voting Member	MD, FRCSC	Urologic Sciences	Yes	В
12	<b>Dr. Samar Hejazi</b> Female/Canadian	Voting Member	PhD	Statistics	Yes	В
13	Catherine Hogan Female / Canadian	Voting Member (Alternate for I. Sekirov)	MDCM, FRCPC	Pathology & Laboratory Medicine	Yes	В
14	Dr Stephen Hoption Cann Male / Canadian	Voting Member Chair	PhD	Epidemiology	Yes	В
15	<b>Dr. Robin Hsiung</b> Male / Canadian	Voting Member	MD, FRCPC, FACP	Neurology	Yes	В



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		(Alternate for D. Doudet)								
16	<b>Dr. Jane Ingman Baker</b> Female / Canadian	Voting Member (Alternate for B. Sullivan)	LLB	Law	Yes	L, B				
17	Ms. JoAnn Isaacson Female / Canadian	Voting Member (Alternate for B. MacKenzie		Community Member	No	C, N				
18	Kimberly Jameson Female / Canadian	Voting Member (Alternate for J. Russell)	PhD Candidate	Philosophy (Clinical Ethics)	Yes	E, N				
19	<b>Dr. Sunil Kalia</b> Male / Canadian	Voting Member	MD, FRCPC	Dermatology and Skin Science	Yes	В				
20	<b>Dr. John Kramer</b> Male / Canadian	Voting Member	PhD	Anesthesiology, Pharmacology, and Therapeutics, Kinesiology	Yes	В				
21	<b>Dr. Ardis Krueger</b> Female / Canadian	Ad hoc member for NHP reviews	ND	Natural Health Products	No	Н				
22	<b>Dr. Nada Lallous</b> Female / Canadian	Voting Member (Alternate for D. Harriman)	PhD	Urologic Sciences	Yes	В				
23	<b>Dr. Tim Leung</b> Male / Canadian	Voting Member (Alternate for L. Vu)	Pharm D	Pharmaceutical Sciences	Yes	В				
24	Daphne Ling Female / Canadian	Voting Member Graduate Student	B.Sc	Graduate Student	Yes					
25	<b>Dr. Teresa Liu-Ambrose</b> Female / Canadian	Voting Member	PhD	Physical Therapy	Yes	В				
26	<b>Dr. David Liu</b> Male / Canadian	Voting Member (Alternate for A. MacKay)	MD, FRCPC	Radiology / Biomedical Engineering	Yes	В				
27	<b>Mr. William Liu</b> Male / Canadian	Voting Member (alternate for B. Hofmann)	BHSc	Student	Yes	В				
28	<b>Dr. Dustin Louie</b> Faculty Education	Ad hoc Expert	PhD	Indigenous Education	Yes					
29	<b>Dr. Christina Luong</b> Female / Canadian	Voting Member	MD, FRCPC	Cardiology	Yes	В				
30	Kelsey Lynch Female / Canadian	Voting Member (Alternate for D. Ling)	MSc	Genetic counselling	Yes	B, E				
31	<b>Dr. Alexander MacKay</b> Male / Canadian	Voting Member	PhD	Radiology	Yes	В				
32	Ms. Bonnie MacKenzie Female / Canadian	Voting Member		Community Member	No	C, N				

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Voting Member Ophthalmology and Visual Dr. Orson Moritz MD Yes В Male / Canadian Sciences Dr. Jeffrey Nacht Voting Member MD Orthopedic surgery Yes В Male / Canadian Dr. Ipek Oruc PhD Ophthalmology and Visual Voting Member Yes В Female / Canadian (Alternate for Orson Sciences Moritz) Voting Member Dr. Jerilynn Prior MD Endocrinology Yes В Female / Canadian Dr. Karim Qayumi Voting Member PhD FRCSC Surgery Yes Male / Canadian (Alternate for R. Cheifetz) Dr. John Russell Ethicist PhD Philosophy (Ethics) Yes E, L, N Male / Canadian Dr. Frank Ryan Voting Member FRCPI, Respiratory Yes В Male / Canadian (Alternate for N. FRCPC Ayas) Dr. Mypinder Sekhon Voting Member Critical Care Medicine MD, PhD В Yes Male / Canadian Dr. Inna Sekirov Voting Member PhD, FRCPC Pathology & Laboratory Yes В Female / Canadian Medicine Dr. Robert Stowe Voting Member MD Neuropsychiatry Yes В Male / Canadian / American 43 Mr. William (Bill) Sullivan, Voting Member LLB L, N No Law QC Male/Canadian Dr. Lv Vu Voting Member PhD Pharmaceutical Sciences Yes Female / Vietnam Dr. Rizhi Wang PhD В Voting Member Department of Materials Yes Male / Canadian Engineering and the School of Biomedical Engineering Voting Member MD, FRCPC Dr. Darwin Yeung Yes В Cardiology

The changes reflected in this document are:

(Alternate for C.

Voting Member

(Alternate for O.

Luong)

Moritz)

Male / Canadian

Dr. Sonia Yeung

Female / Canadian

Removed: Bradley Hofmann, Clifford Neil Kitson, Sukhppreet Klaire, Ian Martin, John Mayo, Eugenia Socias, Ivan Torres, Jennifer Warriner, Alexander Wyatt

Ophthalmology

Yes

В

MD, PhD



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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. Stephen Hoption Cann

DATF: Jan 08, 2025 TELEPHONE: 604-875-4149

210-828 West 10th Avenue ADDRESS:

Vancouver, BC V5Z 1M9

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

- 1) at least two members with broad expertise in biomedical research (Scientific): B
- 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
- 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
- at least one member knowledgeable in therapeutic natural health products (ad hoc, for quorum only for review of therapeutic natural health products): H