

Date: Jun 29, 2021

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		REB POSITION (Alternate	HIGHEST DEGREE(S)	PRIMARY SCIENTIFIC OR NONSCIENTIFIC	AFFILIATION WITH	QUORUM DESIGNATION *
Gen	der/Citizenship	Designation)	EARNED	SPECIALITY	INSTITUTION	
1	Dr. Rana Ahmad Female / Canadian	Voting Member (Alternate for J. Russell)	PhD	Philosophy, Ethics	Yes	E, N
2	Dr. Philip Ainslie Male / Canadian	Voting Member Health and Exercise Sciences	PhD	Health and Exercise Science	Yes	В
3	Dr. Najib Ayas Male / Canadian	Voting Member	MD	Respiratory Medicine	Yes	В
4	Dr. Celine Bergeron Female / Canadian	Voting Member (Alternate for N. Ayas)	MD, FRCPC	Respiratory Medicine	Yes	В
5	Dr. Rona Cheifetz Female / Canadian	Voting Member	MD MEd FRCSC	Surgery	Yes	В
6	Dr. Doris Doudet Female / Canadian	Voting Member	MD	Neurology	Yes	В
7	Dr. John Fleetham Male/Canadian	Voting Member (Alternate for N. Ayas)	MD, FRCP	Respiratory Medicine	Yes	В
8	Dr. Hugh Freeman Male / Canadian	Voting Member (Co- Chair)	MD, FRC(C)	Gastroenterology	Yes	В
9	Bradley Hoffman Male / Canadian	Voting Member (Alternate for D. Ling)	B.Sc	Graduate Student	Yes	В
10	Dr Stephen Hoption Cann Male / Canadian	Voting Member Chair	PhD	Epidemiology	Yes	В
11	Dr. Robin Hsiung Male / Canadian	Voting Member (Alternate for D. Doudet)	MD, FRCPC, FACP	Neurology	Yes	В
12	Dr. Jane Ingman Baker Female / Canadian	Voting Member (Alternate for B. Sullivan)	LLB	Law	Yes	L, B
13	Kimberly Jameson Female / Canadian	Voting Member (Alternate for J. Russell)	PhD Candidate	Philosophy (Clinical Ethics)	Yes	E, N
14	Dr. Clifford Neil Kitson Male / Canadian	Voting Member	PhD	Dermatology and Skin Science	Yes	В

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15	Dr. John Kramer Male / Canadian	Voting Member (Alternate for D. Doudet)	PhD	Neuroscience	Yes	В
16	Dr. Ardis Krueger Female / Canadian	Ad hoc member for NHP reviews	ND	Natural Health Products	No	Н
17	Daphne Ling Female / Canadian	Voting Member Graduate Student	B.Sc	Graduate Student	Yes	
18	Dr. Teresa Liu-Ambrose Female / Canadian	Voting Member	PhD	Physical Therapy	Yes	В
19	Dr. Christina Luong Female / Canadian	Voting Member	MD, FRCPC	Cardiology	Yes	В
20	Kelsey Lynch Female / Canadian	Voting Member (Alternate for D. Ling)	MSc	Genetic counselling	Yes	B, E
21	Dr. Alexander MacKay Male / Canadian	Voting Member	PhD	Radiology	Yes	В
22	Ms. Bonnie MacKenzie Female / Canadian	Voting Member		Community Member	No	C, N
23	Dr. John Mayo Male / Canadian	Voting Member (Alternate for A. MacKay)	MD	Radiology	Yes	В
24	Dr. Orson Moritz Male / Canadian	Voting Member	MD	Ophthalmology and Visual Sciences	Yes	В
25	Dr. Jeffrey Nacht Male / Canadian	Voting Member (Alternate for C. Duncan)	MD	Orthopedic surgery	Yes	В
26	Dr. Ipek Oruc Female / Canadian	Voting Member (Alternate for Orson Moritz)	PhD	Ophthalmology and Visual Sciences	Yes	В
27	Dr. Jerilynn Prior Female / Canadian	Voting Member	MD	Endocrinology	Yes	В
28	Dr. Karim Qayumi Male / Canadian	Voting Member (Alternate for R. Cheifetz)	PhD FRCSC	Surgery	Yes	В
29	Dr. John Russell Male / Canadian	Ethicist	PhD	Philosophy (Ethics)	Yes	E, L, N
30	Dr. Frank Ryan Male / Canadian	Voting Member (Alternate for N. Ayas)	FRCPI, FRCPC	Respiratory	Yes	В
31	Dr. Eugenia Socias Female / landed immigrant / Argentinian	Voting member	MD	Infectious Diseases	Yes	В

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32	Dr. Miriam Spering Female / German	Voting Member (Alternate for O. Moritz)	PhD	Ophthalmology	Yes	В		
33	Dr. Lynn Stothers Female / Canadian	Voting Member	MD, MHSc, FRCSC	Urologic Sciences / Kinesiology	Yes	В		
34	Dr. Robert Stowe Male / Canadian / American	Voting Member (Alternate for E. Ngan)	MD	Neuropsychiatry	Yes	В		
35	Mr. William (Bill) Sullivan, QC Male/Canadian	Voting Member	LLB	Law	No	L, N		
36	Dr. Ivan Torres Male / USA / Columbia	Voting Member	PH.D	Psychiatry	Yes	В		
37	Dr. Jennifer Warriner Female / Canadian	Voting Member (Alternate for J. Russell)	PhD	Ethics, Philosophy	No	E, N		
38	Dr. Darwin Yeung Male / Canadian	Voting Member (Alternate for C. Luong)	MD, FRCPC	Cardiology	Yes	В		
39	Dr. Sonia Yeung Female / Canadian	Voting Member (Alternate for O. Moritz)	PhD	Ophthalmology	Yes	В		

The changes reflected in this document are:

Removed: Peter Choi, Clive Duncan, Sarah Harbottle, Karen Holloway, Suzanne Kennedy, Nasreen Khalil, Ella Rafii Added: John Fleetham.

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).



Date: Jun 29, 2021

AS REB CHAIRPERSON, I HEREBY SO ATTEST

SIGNATURE:

Dr. Stephen Hoption Cann

DATE: June 29, 2021 TELEPHONE: 604-875-4149

ADDRESS: 210-828 West 10th Avenue

Vancouver, BC V5Z 1L8

* 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
- 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