## **Clinical Research Ethics Board Membership**

PName 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	REB POSITION	HIGHEST	PRIMARY SCIENTIFIC	AFFILIATION	QUORUM
VOTING MEMBER	(Alternate	DEGREE(S)	OR NONSCIENTIFIC	WITH	DESIGNATION *
Gender/Citizenship	Designation)	EARNED	SPECIALITY	INSTITUTION	
Dr. Rana Ahmad Female / Canadian	Voting Member (Alternate for J. Russell)	PhD	Philosophy, Ethics	Yes	E, N
Dr. Najib Ayas Male / Canadian	Voting Member	MD	Respiratory Medicine	Yes	В
B Dr. Celine Bergeron Female / Canadian	Voting Member (Alternate for N. Ayas)	MD, FRCPC	Respiratory Medicine	Yes	В
Dr. Rona Cheifetz Female / Canadian	Voting Member (Alternate for Y. Hsiang)	MD MEd FRCSC	Surgery	Yes	В
Dr. Peter Choi Male / Canadian	Voting Member	MD, MSc	Anesthesiology	Yes	В
Dr. Doris Doudet Female / Canadian	Voting Member	MD	Neurology	Yes	В
Dr. Patrick Doyle Male / Canadian	Voting Member	MD, MHSc, FRCPC	Pathology and Laboratory Medicine, Epidemiology	Yes	В
Dr. Clive Duncan Male / Canadian	Voting Member	MBBCh, Msc,FRCSC	Orthopedic surgery, Medicine, Surgery	Yes	В
Dr. Hugh Freeman Male / Canadian	Voting Member (Co-Chair)	MD, FRC(C)	Gastroenterology	Yes	В
0 <b>Ms. Sarah Harbottle</b> Female / Canadian	Voting Member (Alternate for W. Sullivan)	LLB	Law	No	L
1 <b>Dr Stephen Hoption Cann</b> Male / Canadian	Voting Member Chair	PhD	Epidemiology	Yes	В
2 <b>Dr. York Hsiang</b> Male / Canadian	Voting Member	MB ChB MHSc FRCSC	Surgery	Yes	В
3 <b>Dr. Robin Hsiung</b> Male / Canadian	Voting Member (Alternate for D. Doudet)	MD, FRCPC, FACP	Neurology	Yes	В
4 Kimberly Jameson Female / Canadian	Voting Member (Alternate for J. Russell)	PhD Candidate	Philosophy (Clinical Ethics)	Yes	E, N
5 <b>Ms. Suzanne Kennedy</b> Female / Canadian	Voting Member (Alternate for W. Sullivan)	LLB	Law	No	L, N
16 Dr. Nasreen Khalil	Voting Member	MD, FRCPC	Respiratory	Yes	В

**Date: JANUARY 17, 2019** 

	Female / Canadian	(Alternate for N. Ayas)				
17	Dr. Clifford Neil Kitson Male / Canadian	Voting Member	PhD	Dermatology and Skin Science	Yes	В
18	Dr. John Kramer Male / Canadian	Voting Member (Alternate for D. Doudet)	PhD	Neuroscience	Yes	В
19	<b>Dr. Ardis Krueger</b> Female / Canadian	Ad hoc member for NHP reviews	ND	Natural Health Products	No	Н
20	<b>Dr. Teresa Liu-Ambrose</b> Female / Canadian	Voting Member	PhD	Physical Therapy	Yes	В
21	Dr. Alexander MacKay Male / Canadian	Voting Member	PhD	Radiology	Yes	В
22	Ms. Bonnie MacKenzie Female / Canadian	Voting Member (alternate for E. Rafii)		Community Member	No	C, N
23	<b>Dr. lan Martin</b> Male / Canadian	Voting Member	MD	Family Medicine, Epidemiology, Emergency Medicine	Yes	В
24	Dr. John Mayo Male / Canadian	Voting Member (Alternate for A. MacKay)	MD	Radiology	Yes	В
25	Dr. Orson Moritz Male / Canadian	Voting Member	MD	Ophthalmology and Visual Sciences	Yes	В
26	Dr. Jeffrey Nacht Male / Canadian	Voting Member (Alternate for C. Duncan)	MD	Orthopedic surgery	Yes	В
27	Dr. Ipek Oruc Female / Canadian	Voting Member (Alternate for Orson Moritz)	PhD	Ophthalmology and Visual Sciences	Yes	В
28	<b>Dr. Jerilynn Prior</b> Female / Canadian	Voting Member	MD	Endocrinology	Yes	В
29	Ella Rafii Female / Canadian	Voting Member		Community Member	No	C, N
30	Dr. John Russell Male / Canadian	Ethicist	PhD	Philosophy (Ethics)	Yes	E, L, N
31	Dr. Eugenia Socias Female / landed immigrant / Argentinian	Voting member	MD	Infectious Diseases	Yes	В
32	<b>Dr. Miriam Spering</b> Female / German	Voting Member (Alternate for O. Moritz)	PhD	Ophthalmology	Yes	В
33	Dr. Paul Steinbok Male / Canadian	Voting member (Alternate for Y. Hsiang)	BSc MB BS FRCSC	Surgery, Division Neurosurgery	Yes	В
34	Dr. Robert Stowe	Voting Member	MD	Neuropsychiatry	Yes	В

	Male / Canadian / American	(Alternate for E. Ngan)				
35	Mr. William (Bill) Sullivan,	Voting Member	LLB	Law	No	L, N
	QC					
	Male/Canadian					
36	Dr. Ivan Torres	Voting Member	PH.D	Psychiatry	Yes	В
	Male / USA / Columbia					
37	Dr. Alice Virani	Voting Member	PhD	Ethicist	Yes	B, E
	Female / Canadian	(Alternate for J.				
		Russell)				
38	Dr. Jennifer Warriner	Voting Member	PhD	Ethics, Philosophy	No	E, N
	Female / Canadian	(Alternate for J.				
		Russell)				
39	Dr. Sonia Yeung	Voting Member	PhD	Ophthalmology	Yes	В
	Female / Canadian	(Alternate for O.				
		Moritz)				

The changes reflected in this document are: Deleted: Emma Guns; Lucy Marzban

Added: Eugenia Socias

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

DATE: January 17, 2019 TELEPHONE: 604-875-4149

ADDRESS: 210-828 West 10<sup>th</sup> 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