

 <b>BC Children's Hospital</b> <small>Provincial Health Services Authority</small>	 <b>BC WOMEN'S HOSPITAL+ HEALTH CENTRE</b> <small>Provincial Health Services Authority</small>		<b>UBC C&amp;W Research Ethics Board</b> Room A2-141A 950 West 28th Avenue Vancouver, B.C. V5Z 4H4 Tel: (604) 875-3103 Email: <a href="mailto:cwreb@bcchr.ubc.ca">cwreb@bcchr.ubc.ca</a> Website: <a href="http://www.phsa.ca/researchethics">www.phsa.ca/researchethics</a> RISE: <a href="https://rise.ubc.ca">https://rise.ubc.ca</a>
<b>University of British Columbia – Children's &amp; Women's Research Ethics Board</b>			

## ETHICS BOARD MEMBERSHIP

UBC Federal Wide Assurance Number for U.S. government funded studies: FWA00020398 (Expiry: May 6, 2027)

UBC C&W Research Ethics Board (REB) IRB Identifier Number: IRB00006995 (Expiry: April 1, 2027)

UBC C & W REB Member Gender / Citizenship	REB Position (Alternate Designation)	Highest Degree	Primary Scientific or Non-scientific Speciality	C&W Affiliated	Quorum Designation(s)*
1 Dr. Tanya Barretto Female/Canadian	Voting Member	MD	Neurology	Yes	B
2 Dr. Cyrus Boelman Male/Canadian	Voting Member	MD	Pediatric Neurology	Yes	B
3 Dr. Jonathan Bush Male/Canadian	Voting Member	MD	Anatomical Pathology	Yes	B
4 Dr. Roxane Carr Female/Canadian	Voting Member	PharmD	Pediatric Pharmacotherapy, Pediatric Critical Care	Yes	B
5 Dr. Kathryn Dewar Female/Canadian	Voting Member	PhD	Women's Health/Infant Development	Yes	B
6 Dr. Stephen Hoption-Cann Male/Canadian	Voting Member	PhD	Epidemiology	No	B
7 Dr. Kristin Houghton Female/Canadian	Voting Member	MD	Pediatric Rheumatology	Yes	B
8 Dr. Jane Ingman Baker Female/Canadian	Voting Member	LLB	Law	No	L, B
9 Dr. Gail Krivel-Zacks Female/Canadian	Voting Member	PhD	Community Member	No	C, N
10 Dr. Tapas Kulkarni Male/Canadian	Voting Member	MD	Neonatology	Yes	B
11 Dr. Marc Levine Male/Canadian	Chair	PhD	Pharmacology	No	B

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12	<b>Evelyn Maan</b> Female/Canadian	Voting Member	RN	Infectious Diseases	Yes	B
13	<b>Jill Mahy</b> Female/Canadian	Voting Member	MSN	Women's Health/HIV	Yes	B
14	<b>Dr. Srinivas Murthy</b> Male/Canadian	Voting Member	MD	Critical Care	Yes	B
15	<b>Dr. Rod Rassekh</b> Male/Canadian	Voting Member	MD	Pediatric Hematology/Oncology	Yes	B
16	<b>Dr. Colin Ross</b> Male/Canadian	Voting Member	PhD	Genetics, Adverse Drug Reactions	Yes	B
17	<b>Brittney Schichter</b> Female/Canadian	Ethicist	LLB, JD	Ethics, Health Law	No	L, C, N
18	<b>Dr. Graham Sinclair</b> Male/Canadian	Voting Member	PhD	Pathology/Biochemical Genetics	Yes	B
19	<b>Dr. Penny Sneddon</b> Female/Canadian	Voting Member	PhD	Clinical Psychology/Medical Psychology	Yes	B
20	<b>Dr. Caron Strahlendorf</b> Female/Canadian	Associate Chair	MD	Pediatric Hematology/Oncology	Yes	B
21	<b>Terry Viczko</b> Female/Canadian	Voting Member	BScN	Nursing	Yes	B
22	<b>Dr. Simon Whyte</b> Male/British	Voting Member	MBBS	Anaesthesia; Perioperative Medicine	Yes	B
<b>ALTERNATES</b>						
1	<b>Dr. Sare Akdag</b> Female/American	Voting Member (Alternate for #19)	PhD	Neuropsychology, Clinical Psychology	No	B
2	<b>Dr. Kathy Banks</b> Female/American	Voting Member (Alternate for #13)	PhD	Women’s Health, Qualitative methods	No	B
3	<b>Dr. Chris Gibbins</b> Male/Canadian	Voting Member (Alternate for #19)	PhD	Psychology, ADHD & Autism	No	B

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4	<b>Neil Hain</b> Male/Canadian	Voting Member (Alternate for #8)	LLB, JD	Law	No	L, C, N
5	<b>Dr. Ardis Krueger</b> Female/Canadian	Ad hoc member for NHP reviews	ND	Natural Health Products	No	H
6	<b>Yun Li-Reilly</b> Female/Canadian	Voting Member (Alternate for #8)	LLB, JD	Law	No	L, C, N
7	<b>Dr. Holly Longstaff</b> Female/Canadian	Ethicist (Alternate for #17)	PhD	Ethics	Yes	B, E
8	<b>Dr. Nina Preto</b> Female/Canadian	Ethicist (Alternate for #17)	PhD	Ethics	Yes	B, E
9	<b>Dr. Alice Virani</b> Female/Canadian	Ethicist (Alternate for #17)	PhD	Ethics	Yes	B, E
10	<b>Laura Zitron</b> Female/Canadian	Voting Member (Alternate for #9)		Community Member	No	C, N

FOR ALL RESEARCH CONDUCTED UNDER THIS ASSURANCE, THE UBC C & W 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.

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SIGNATURE:   
Dr. Marc Levine

DATE: 1 April 2024

TELEPHONE: 604-875-2441

ADDRESS: Room A2-141– 950 West 28<sup>th</sup> Avenue Vancouver, BC V5Z 4H4

All Members are voting members. A quorum also comprises a minimum of five separate members from groups 1-4 with one from group 2-4, fulfilling group 5.

- (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 speciality is non-scientific (may be one of the members from groups 2-4): 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