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|  University of British Columbia – Children’s & Women’s Research Ethics Board |  BC Children's Hospital <small>Provincial Health Services Authority</small> |  BC WOMEN'S HOSPITAL+ HEALTH CENTRE <small>Provincial Health Services Authority</small> |  | UBC C&W Research Ethics Board Room A2-141A 950 West 28th Avenue Vancouver, B.C. V5Z 4H4 Tel: (604) 875-3103 Email: cwreb@bcchr.ubc.ca Website: www.phsa.ca/researchethics RISE: https://rise.ubc.ca |
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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: March 11, 2024)

| 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. Cyrus Boelman Male/Canadian | Voting Member | MD | Pediatric Neurology | Yes | B |
| 2 | Dr. Jonathan Bush Male/Canadian | Voting Member | MD | Anatomical Pathology | Yes | B |
| 3 | Dr. Roxane Carr Female/Canadian | Voting Member | PharmD | Pediatric Pharmacotherapy, Pediatric Critical Care | Yes | B |
| 4 | Dr. Kathryn Dewar Female/Canadian | Voting Member | PhD | Women’s Health/Infant Development | Yes | B |
| 5 | Dr. Stephen Hopton-Cann Male/Canadian | Voting Member | PhD | Epidemiology | No | B |
| 6 | Dr. Kristin Houghton Female/Canadian | Voting Member | MD | Pediatric Rheumatology | Yes | B |
| 7 | Dr. Jane Ingman Baker Female/Canadian | Voting Member | LLB | Law | No | L, B |
| 8 | Dr. Gail Krivel-Zacks Female/Canadian | Voting Member | PhD | Community Member | No | C, N |
| 9 | Dr. Marc Levine Male/Canadian | Chair | PhD | Pharmacology | No | B |
| 10 | Evelyn Maan Female/Canadian | Voting Member | RN | Infectious Diseases | Yes | B |
| 11 | Jill Mahy Female/Canadian | Voting Member | MSN | Women's Health/HIV | Yes | B |

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|-------------------|--|--------------------------------------|---------|--|-----|---------|
| 12 | Dr. Srinivas Murthy Male/Canadian | Voting Member | MD | Critical Care | Yes | B |
| 13 | Dr. Julia Panczuk Female/Canadian | Voting Member | MD | Neonatology | Yes | B |
| 14 | Dr. Rod Rassekh Male/Canadian | Voting Member | MD | Pediatric Hematology/Oncology | Yes | B |
| 15 | Dr. Colin Ross Male/Canadian | Voting Member | PhD | Genetics, Adverse Drug Reactions | Yes | B |
| 16 | Brittney Schichter Female/Canadian | Ethicist | LLB, JD | Ethics, Health Law | No | L, C, N |
| 17 | Dr. Graham Sinclair Male/Canadian | Voting Member | PhD | Pathology/Biochemical Genetics | Yes | B |
| 18 | Dr. Penny Sneddon Female/Canadian | Voting Member | PhD | Clinical Psychology/Medical Psychology | Yes | B |
| 19 | Dr. Caron Strahlendorf Female/Canadian | Associate Chair | MD | Pediatric Hematology/Oncology | Yes | B |
| 20 | Dr. Ann Van Eysen Female/South African | Voting Member | MChB | Pediatric Hematology/Oncology | Yes | B |
| 21 | Terry Viczko Female/Canadian | Voting Member | BScN | Nursing | Yes | B |
| 22 | Dr. Simon Whyte Male/British | Voting Member | MBBS | Anaesthesia; Perioperative Medicine | Yes | B |
| ALTERNATES | | | | | | |
| 1 | Dr. Sare Akdag Female/American | Voting Member (Alternate for #18) | PhD | Neuropsychology, Clinical Psychology | No | B |
| 2 | Dr. Kathy Banks Female/American | Voting Member (Alternate for #11) | PhD | Women’s Health, Qualitative methods | No | B |
| 3 | Dr. Julie Bettinger Female/Canadian | Voting Member (Alternate for #12) | PhD | Infectious Diseases | Yes | B |

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| 4 | Dr. Jennifer Coelho Female/Canadian | Voting Member (Alternate for #18) | PhD | Psychology, Mental Health, Eating Behavior | Yes | B |
| 5 | Dr. Chris Gibbins Male/Canadian | Voting Member (Alternate for #18) | PhD | Psychology, ADHD & Autism | No | B |
| 6 | Neil Hain Male/Canadian | Voting Member (Alternate for #7) | LLB, JD | Law | No | L, C, N |
| 7 | Gordon Krahn Male/Canadian | Voting Member (Alternate for # 21) | RRT | Pediatric Critical Care | Yes | B |
| 8 | Dr. Ardis Krueger Female/Canadian | Ad hoc member for NHP reviews | ND | Natural Health Products | No | H |
| 9 | Yun Li-Reilly Female/Canadian | Voting Member (Alternate for #7) | LLB, JD | Law | No | L, C, N |
| 10 | Dr. Sayrin Lalji Female/Canadian | Voting Member (Alternate for #13) | MD | Obstetrics/Gynecology | Yes | B |
| 11 | Dr. Holly Longstaff Female/Canadian | Ethicist (Alternate for #16) | PhD | Ethics | Yes | B, E |
| 12 | Dr. Nina Preto Female/Canadian | Ethicist (Alternate for #16) | PhD | Ethics | Yes | B, E |
| 13 | Dr. Alice Virani Female/Canadian | Ethicist (Alternate for #16) | PhD | Ethics | Yes | B, E |
| 14 | Laura Zitron Female/Canadian | Voting Member (Alternate for #8) | | Community Member | No | C, N |

Removed: Lori d’Agincourt-Canning

Added: Terry Viczko, Ann Van Eyssen, Brittney Schichter

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;

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- (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. Marc Lévine

DATE: 16 August 2022

TELEPHONE: 604-875-2441

ADDRESS: Room A2-141– 950 West 28th 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