**Section: Contact Information**

First Name: Valerie  
Last Name: Marcil  
Institution: Sainte-Justine University Health Center  
Address 1: 3175 Cote Sainte-Catherine room 1563A  
City: Montreal  
State/Province/Region: Quebec  
Country: CA  
Zip/Postal Code: H3T 1C5  
Phone Number: 514-345-4931 #3272  
Alternate Phone Number:  
Email Address: valerie.marcil@umontreal.ca

**Section: Project Requirements and Description**

**Group: Requirements to submit AOI**

A comprehensive review of previously published data has been completed. : Yes  
The specific aims are clear and focused. : Yes  
The investigator has appropriate experience and expertise to develop the concept proposal; if not, has identified a mentor or senior co-investigator. : Yes  
The investigator agrees to develop an initial draft of the concept proposal within 6 weeks of approval of the AOI and to finalize the concept proposal within 6 months. : Yes

Project Title: Dietary intake and risk of subsequent cardiometabolic complications in survivors of childhood acute lymphoblastic leukemia

Planned research population (eligibility criteria):  
75 survivors of childhood acute lymphoblastic leukemia who were participants in a CCSS ancillary study of diet and cardiometabolic disease. Demographics, cancer, and treatment history, as well as subsequent major cardiovascular events, body mass index, and diagnosis of diabetes mellitus, dyslipidemia or hypertension, will be collected from CCSS questionnaires.

Proposed specific aims:

1. Calculate the impact of diet quality and antioxidant potential on subsequent major cardiovascular events in the Childhood Cancer Survivor Study (CCSS).

2. Determine the effect of diet quality on subsequent body mass index and diagnosis of diabetes mellitus, dyslipidemia or hypertension.

Will the project require non-CCSS funding to complete? : No

If yes, what would be the anticipated source(s) and timeline(s) for securing funding?:

**Group: Does this project require contact of CCSS study subjects for:**

Additional self-reported information: No  
Biological samples: No
Medical record data: No
If yes to any of the above, please briefly describe.

**Group: What CCSS Working Group(s) would likely be involved? (Check all that apply)**

- Second Malignancy
- Chronic Disease: Primary
- Psychology / Neuropsychology
- Genetics
- Cancer Control
- Epidemiology / Biostatistics: Secondary

**Section: Outcomes or Correlative Factors**

- Late mortality
- Second Malignancy

**Group: Health Behaviors**

- Tobacco: Correlative Factors
- Alcohol: Correlative Factors
- Physical activity
- Medical screening: Primary
- Other:
  - If other, please specify:

**Group: Psychosocial**

- Insurance
- Marriage
- Education: Correlative Factors
- Employment
- Other:
  - If other, please specify:

**Group: Medical Conditions**

- Hearing/Vision/Speech
- Hormonal systems: Primary
- Heart and vascular: Primary
- Respiratory
- Digestive
- Surgical procedures
- Brain and nervous system
- Other:
  - If other, please specify:

**Group: Medications**
Describe medications:
Medication for diabetes, high blood pressure and to lower cholesterol and/or triglycerides.

**Group: Psychologic/Quality of Life**
BSI-18:
SF-36:
CCSS-NCQ:
PTS:
PTG:
Other:
If other, please specify:

**Group: Other**
Pregnancy and offspring:
Family history:
Chronic conditions (CTCAE v3):
Health status:

**Group: Demographic**
Age: Secondary, Correlative Factors
Race: Correlative Factors
Sex: Correlative Factors
Other:
If other, please specify:

**Group: Cancer treatment**
Chemotherapy: Correlative Factors
Radiation therapy: Correlative Factors
Surgery:

**Section: Anticipated Sources of Statistical Support**
CCSS Statistical Center: Yes
Local institutional statistician: Yes
If local, please provide the name(s) and contact information of the statistician(s) to be involved.

Dr Devendra Amre
Sainte-Justine UHC Research Center
devendra.amre@umontreal.ca
514 345-4931 #3599

Will this project utilize CCSS biologic samples? No
If yes, which of the following?:
If other, please explain:
Section: Other General Comments

Other General Comments:
This study will utilize dietary intake data collected as part of Jim Gurney’s R21 grant to examine metabolic syndrome in ALL survivors (started 2004). It will be conducted in collaboration with Drs Todd Gibson, Kiri Ness, James Gurney, Kevin Oeffinger and Emily Tonorezos (mentor).