

## Insights into adiposity and its determinants in survivors of childhood brain tumors: questions answered, answers questioned

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### **Abstract:**

Survivors of Childhood Brain Tumors (SCBT) is an emerging population of cancer survivors, a group that now represents millions of people globally. Preliminary evidence suggested that many survivors develop cardiovascular diseases, type 2 diabetes, and obesity and that these conditions are emerging as important determinants of long-term outcomes in this group.

One of the hallmarks of dysmetabolism in SCBT is increased fat mass with a similar body mass index profile to non-cancer controls. The mechanisms driving this adipose phenotype are unraveling and will create a platform for discovering therapeutic entry points in survivors to improve longevity and quality of life.

This talk aims to describe the phenotypic and adipokine profile of SCBT that may predispose them to cardiometabolic risk and evaluate current therapeutic strategies and their potential impact of outcomes in survivors.