

An Ohio State University, Nationwide Children's Hospital and the Institute of Pediatric Oncology (IOP)/Federal University of São Paulo (UniFeSP), Brazil, Collaborative Proposal in Neuro-oncology



Purpose

The management of children with CNS cancers demands close collaboration between pediatric oncologists specifically trained in CNS tumors (neuro-oncologists), pediatric neurosurgeons, radiation oncologists, pediatric neuro-pathologists and other specialists; without such intimate cooperation, misdiagnoses, delays in initiation of appropriate therapy, and the age-appropriate selection of therapies become sub-optimal, as is seen widely throughout South America.

We will initiate by conducting the second Pediatric Latin American Neuro-oncology (PLANO) conference, to be held in 2017 in São Paulo, attended by pertinent pediatric sub-specialists from South America.

Impact

Our long-term goal is improvement in the care of children and adolescents with CNS cancer in Brazil in general, and São Paulo in particular, as manifested by improved cure and quality of survival outcome measures as well as measures of successful education

Perform a quantitative needs assessment of the pediatric neuro-oncology programs

at GRAACC and at Nationwide Children's. Formalization of educational visits for residents and fellows from IOP/GRAACC/UNIFESP to OSU/NCH for 3 month periods for advanced training.

Enhancement of neuropathology infrastructure and expertise at IOP/GRAACC/UNIFESP through educational interactions and training between NCH, OSU and IOP/GRAACC/UNIFESP neuropathologists.



THE OHIO STATE UNIVERSITY

Ohio State Colleges/Units Involved

The Chakravarti and Bell laboratory is an internationally-recognized brain tumor translational laboratory; Arnab Chakravarti leads the NRG Oncology Brain Tumor Clinical & Translational Committee and is the current Chair of the NIH Biomarker Study Section. Erica Hlavin Bell, PhD (OSU) currently collaborating with PI on a childhood CNS cancer grant for molecular profiling of medulloblastoma in an international study in which IOP/GRAACC/UNIFESP will also participate.

OSU Radiation Oncologist,
Joshua Palmer, MD
OSU neuropathologist,
Jose Otero MD, PhD
OSU Undergraduate student,
Allison Fischer

Community Partners Involved

Sergio Cavalheiro MD (IOP/GRAACC/UNIFESP), internationally prominent pediatric CNS cancer surgeon.

Andrea Cappellano MD and Nasjla Saba Da Silva MD (IOP/GRAACC/UNIFESP neuro-oncologists) in developing the 2015 PLANO conference, and they are working together in planning the 2017 PLANO conference.

Sergio Petrilli MD, the Founder and Director of the IPO/GRAACC Institution, will be the senior leader in Brazil for this project, and will lead educational training initiatives with Andreza Senerchia MD (pediatric oncologist IOP/GRAACC/UNIFESP).

How you can get involved:

- Assistance on future grants we can apply for as well as any resources for those interested in developing self-sustaining projects.

To get involved, contact:

Diana Osorio MD
Jonathan Finlay, MD

