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## **Autopsy Tissue Needs**

**Laboratory of M. Sue O'Dorisio, M.D., Ph.D.**

**University of Iowa Children's Hospital**

## **Research Interests**

Our goal in both basic research and clinical research is to improve the length and quality of life for children with nervous-system tumors. This involves studies of 1) neural crest and cerebellar development; 2) exploitation of neuropeptide receptors as diagnostic and therapeutic targets; and 3) clinical trials of new imaging agents and new therapeutic modalities for nervous-system tumors, especially neuroblastoma and medulloblastoma.

## **Selected publications**

Frühwald, Michael C., Christian H. Rickert, M. Sue O'Dorisio, Mark Madsen, Monika Warmuth-Metz, Geetika Khanna, Werner Paulus, Joachim Kühl, Heribert Jürgens, Peter Schneider, and Hermann L. Müller: "Somatostatin Receptor Subtype 2 Is Expressed by Supratentorial Primitive Neuroectodermal Tumors of Childhood and Can Be Targeted for Somatostatin Receptor Imaging." *Clinical Cancer Research* 10 (May 1,2004): 2997-3006.

Frühwald, Michael C., M. Sue O'Dorisio, Zunyan Dai, Laura J. Rush, Ralf Krahe, Dominic J. Smiraglia, Torsten Pietsch, Sarah H. Elsea, and Christoph Plass. "Aberrant Hypermethylation of the Major Breakpoint Cluster Region in 17p11.2 in Medulloblastomas but Not Supratentorial PNETs." *Genes Chromosomes & Cancer* 30 no. 1 (January 2001): 38-47.

Frühwald, Michael C., M. Sue O'Dorisio, Laura J. Rush, Jill L. Reiter, Dominic J. Smiraglia, Gail Wenger, Joseph F. Costello, Peter S. White, Ralf Krahe, Garrett M. Brodeur, and Christoph Plass. "Gene Amplification in PNETs/Medulloblastoma: Mapping of a Novel Amplified Gene Within the MYCN Amplicon." *Journal of Medical Genetics* 37 (2000): 501-509.

Costello, Joseph F., Michael C. Frühwald, Dominic J. Smiraglia, Laura J. Rush, Gavin P. Robertson, Xin Gao, Fred A. Wright, Jamison D. Feramisco, Päivi Peltomäki, James C. Lang, David E. Schuller, Li Yu, Clara D. Bloomfield, Michael A. Caligiuri, Allan Yates, Ryo Nishikawa, H.-J. Su Huang, Nicholas J. Petrelli, Xueli Zhang, M. Sue O'Dorisio, William A. Held, Webster K. Cavenee, and Christoph Plass. "Aberrant CpG Island Methylation Has Non-Random and Tumor Type Specific Patterns." *Nature Genetics* 25 (2000): 132-38.

## **Autopsy Tissue Needed**

We are seeking fresh-frozen tissue for the following diagnosis: medulloblastoma.

**Contact Information**

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