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SH-SY5Y: Human Neuroblastoma Cell Line (ATCC CRL-2266)

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neuronal differentiation, metabolism, and function related to neurodegenerative processes, neurotoxicity, and neuroprotection.

Source

This cell line was derived from the SH-SY subclone of the parental SK-N-SH human neuroblastoma cell line. The parental SK-N-SH cell line was established in 1970 from metastatic cells found in the bone marrow aspirate of a four-year-old female of unknown ethnicity.

Inventors

June L. Biedler, PhD, former Chairman, Cell Biology and Genetics Program, Sloan Kettering Institute, Memorial Sloan Kettering

Barbara A. Spengler, formerly at Sloan Kettering Institute, Memorial Sloan Kettering

Key References

Ross RA et al. (1983) Coordinate morphological and biochemical interconversion of human neuroblastoma cells. *Journal of the National Cancer Institute* 71: 741-748 (PubMed ID: [6137586](#))

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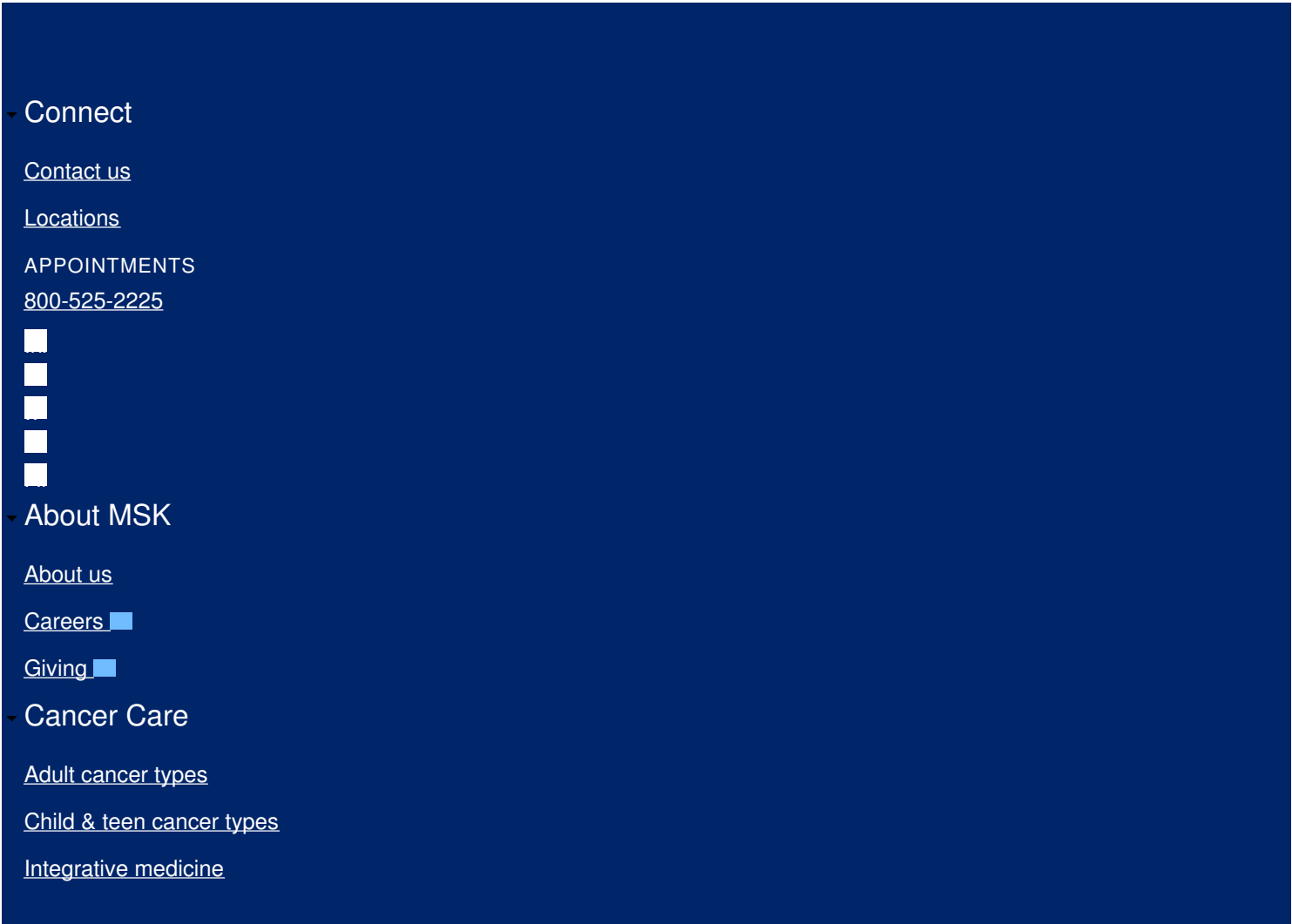
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