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## FOR THE MEDIA

characterized by extensive neurite outgrowth. This makes them particularly useful for delineating signaling pathways involved in neuronal differentiation. In addition, the SK-N-SH cells are known to form tumors in immunocompromised mice.

## Source

This 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

- Biedler JL et al. (1973) Morphology and growth, tumorigenicity, and cytogenetics of human neuroblastoma cells in continuous culture. *Cancer Research* 33: 2643-2652 (PubMed ID: [4748425](#) )
- Helson L et al. (1975) Human neuroblastoma in nude mice. *Cancer Research* 35: 2594-2599 (PubMed ID: [167965](#) )

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## Stage of Development

Ready to use

## Indications

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## Types

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