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SK-OV-3: Human Ovarian Cancer Cell Line (ATCC HTB-77)

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peritoneal injection of these cells into immunocompromised mice results in the growth of tumors resembling clear cell adenocarcinoma, within two to three months.

## Source

This cell line was established in 1973 from the ascites of a 64-year-old Caucasian female with adenocarcinoma of the ovary.

## Inventors

Lloyd J. Old, MD, former William E. Snee Chair in Cancer Immunology, Memorial Sloan Kettering; former Director, New York Branch, Ludwig Institute for Cancer Research  
Germain Trempe, formerly at Sloan Kettering Institute, Memorial Sloan Kettering

## Key References

Fogh J et al. (1977) One hundred and twenty-seven cultured human tumor cell lines producing tumors in nude mice. *Journal of the National Cancer Institute* 59: 221-226 (PubMed ID: [327080](#))

Shaw TJ et al. (2004) Characterization of intraperitoneal, orthotopic, and metastatic xenograft models of human ovarian cancer. *Molecular Therapy* 10: 1032–1042 (PubMed ID: [15564135](#))

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## Stage of Development

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