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of a truncated protein, which causes increased sensitivity to UVB and ionizing radiation compared to other melanoma cell lines. The HT-144 cells also express mutant B-Raf (V600E).

## Source

This cell line was established in 1966 from a metastatic site (subcutaneous tissue) in a 29-year-old Caucasian male with malignant melanoma.

## Inventors

Jorgen Fogh, PhD, formerly at Sloan Kettering Institute, Memorial Sloan Kettering

Germaine 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](#))

Smith JD (1986) Human cytomegalovirus: demonstration of permissive epithelial cells and nonpermissive fibroblastic cells in a survey of human cell lines. *Journal of Virology* 60: 583-588 (PubMed ID: [3021992](#))

Ramsay J et al. (1998) Radiosensitive melanoma cell line with mutation of the gene for ataxia telangiectasia. *British Journal of Cancer* 77: 11-14 (PubMed ID: [9459139](#))

Chen B et al. (2012) BRAFV600E negatively regulates the AKT pathway in melanoma cell lines. *PLoS One* 7: e42598

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