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## FOR THE MEDIA

addition, they lack expression of both p53 (homozygous deletion) and FHIT (Fragile Histidine Triad) tumor-suppressor proteins. The Calu-1 cells are intrinsically resistant to erlotinib, an EGFR tyrosine kinase inhibitor used in the treatment of NSCLC patients. These cells are capable of forming tumors in immunocompromised mice.

## Source

This cell line was established in 1971 from a metastatic site (pleura) in a 47-year-old Caucasian male with epidermoid carcinoma of the lung.

## Inventors

- Germain Trempe, formerly at Sloan Kettering Institute, Memorial Sloan Kettering
- Jorgen Fogh, PhD, 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](#) )
- Cavazzoni A et al. (2007) Effect of inducible FHIT and p53 expression in the Calu-1 lung cancer cell line. *Cancer Letters* 246: 69-81 (PubMed ID: [16616810](#) )

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## Stage of Development

Ready to use

## Indications

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## Types

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