Leukaemia Section
Short Communication

t(8;17)(p12;q25)
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Clinics and pathology

Disease
Chronic myelogenous leukemia-like (CML-like) disease without BCR-ABL1 rearrangement

Epidemiology
Only one case to date, a 29 year old female patient (Lewis et al., 1987; Sohal et al., 2001).

Clinics
The patient presented with a CML-like disease with systemic mastocytosis, in transformation to an aggressive disease.

Cytogenetics

Additional anomalies
The t(8;17) was the sole anomaly.

Genes involved and proteins

Note
FGFR1 was found involved; the partner is unknown.

FGFR1
Location
8p12

Protein
Receptor tyrosine kinase; contains an extracellular ligand-binding domain with Ig-like structures, a transmembrane domain, and a cytosolic tyrosine kinase (TK) domain. Involved in signal transduction.

References


This article should be referenced as such: