

INFER-NB

Title Informing treatment decisions of relapsed neuroblastomas by inference of tumor evolution

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Project partners



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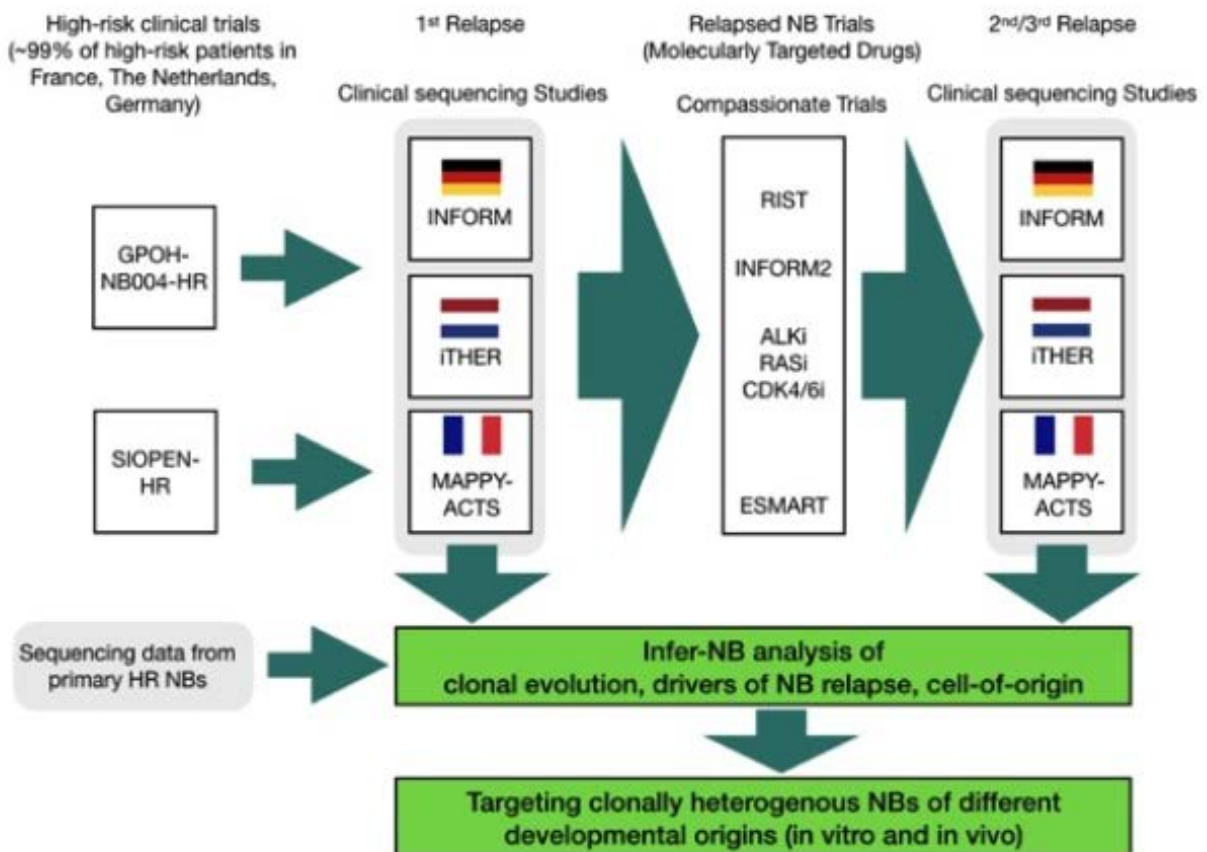


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Duration	3 years

Abstract

Neuroblastoma is a tumor of the peripheral nervous system arising in early childhood. It originates from progenitors of nerve cells that acquire genetic lesions. The cell of tumor origin, in which the first gene mutation occurs, and the de-differentiated states of the tumor cells appear to differ from one patient to another and influence the way in which a tumor resists chemotherapy or new targeted therapies. In INFER-NB, we will jointly analyse clinical data sets from three ongoing studies of relapsed neuroblastoma patients in France, the Netherlands and Germany (MAPPYACTS, iTHER, INFORM). We will identify the developmental origins and evolutionary pathways of these tumors and investigate how tumor subtypes of different origin and evolution can be treated with novel drugs.



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