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“Tackling cancer heterogeneity: surprising mechanisms of resistance to targeted therapy in glioblastoma”

February 19th, 2014 - h. 14.00

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Abstract

Glioblastoma Multiforme (GBM) is the most common and aggressive primary brain tumor of adults. Comprehensive genomic analyses identified key GBM gene alterations and started to stratify patient subgroups that could potentially benefit from specific targeted therapies. Despite this extensive sub-classification, still targeted therapies in GBM have been modestly successful. In this talk I will present a major paradigm that could significantly challenge the efficacy of targeted therapeutic: the single cell cancer evolution. Using GBM patient derived cell models and tissues, resistance to targeted therapies was dynamically dissected at single cell level, identifying previously unrecognized molecular determinants. This work will translate into potentially more successful protocol of GBM treatment.

The lecture will take place at **14.00 in Room C – Lente Didattica – Policlinico G.B Rossi**

Local organization and contact: Prof. Bruno Bonetti
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For attending this Lecture, 2 of 150 CFR provided for the specific activities of the PhD Program in Neuroscience, will be attributed.

This attribution is not valid for PhD students enrolled in the 29° cycle
