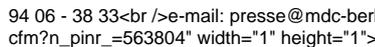




HFSP Grant for International Research Team ? MDC Participates

HFSP Grant for International Research Team - MDC Participates
A non-coding RNA (nc-RNA) is an RNA molecule which is not translated into protein. The geneticist Professor Brown and systems biologist Professor Rajewsky, together with their collaboration partners in Rome and Boston, aim to shed light on the complex interactions and possible competition situations of non-coding RNAs. These provide fundamental insights into the function of gene-regulatory networks and their role in the pathogenesis of cancer and other diseases. To achieve this, an interdisciplinary approach is necessary for which the team combines complementary expertise and applies molecular biological, genetic and biochemical methods along with computer-based methods.
The Human Frontier Science Program (HFSP) is an international program of research support, funding frontier research on the complex mechanisms of living organisms. HFSP research grants enable scientists from different countries to collaborate on focused innovative projects that are expected to open up new fields of investigation, thus achieving research success and gaining new insights that would not have been possible without the interdisciplinary collaboration of experts.
*Deciphering non-coding RNA regulatory networks and their role in cancer cell biology
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Das Max-Delbrück-Centrum für Molekulare Medizin (MDC) betreibt biomedizinische Grundlagenforschung. Wir versuchen, die Ursachen von Krankheiten auf molekularer Ebene aufzuspüren, um diese besser erkennen und behandeln zu können und um ihnen besser vorzubeugen. Unser Ziel ist es, die gewonnenen Erkenntnisse möglichst rasch in die Anwendung zu überführen.