



**frontiers**  
Research Topics

**Bioinformatics of  
Genome Regulation**

**Frontiers in Genetics**



In every university, medical hospital and biotechnological company genetics and biomedicine intertwines with computational biology and bioinformatics. In the past decade, we experienced unprecedented increase in the complexity of *in silico* models, which now penetrate every area of biology and biochemistry. These models are built upon heaps of experimental data collected in course of “fishing expeditions” so commonly commented upon in a negative way in the first decade of XXI Century. Now, at the end of its second decade, the models have blossomed, and are guiding researchers in optimizing their experimental designs. At last, we have a horse in front of the cart, not backwards!

Our research topic is focused on genome regulation and computational advancements in this field. Let’s show the sceptics how true interdisciplinary collaboration works, and display its newfangled fruits and all of its intricate beauty.

For more information:

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