



Exploring the Genotype–Phenotype Map: Regulatory Pathways

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Deadline for manuscript
submissions:

closed (30 September 2020)

Message from the Guest Editor

Dear Colleagues,

This Special Issue addresses studies focussing on the interdependencies between various levels of the genotype–phenotype map. The previous Special Issue, “Exploring the Genotype–Phenotype Map to Explain Complex Traits”, covered articles reporting the effect of variation at the level of genomes (SNP, CNVs), transcriptomes, proteomes, and metabolomes on complex traits in humans and animals. This second call for contributions especially invites research papers and reviews reporting regulatory pathways within and between the various levels of the genotype–phenotypemap as well as the epigenetic mechanism mediating the effect of environmental effects on the recruitment of genetic information shaping the organismal phenotype.

- network analysis
- regulatory pathways
- quantitative trait
- epigenetics
- non-coding RNAs
- transcriptomics
- proteomics
- metabolomics
- microarray
- next generation sequencing



mdpi.com/si/24708

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Guest Editor

Special Issue



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Message from the Editor-in-Chief

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