



Exploring the Genotype–Phenotype Map: Regulatory Pathways

Guest Editor:

Prof. Dr. Klaus Wimmers

Competence Area Genetics and Genomics, Research Institute for Farm Animal Biology (FBN), Wilhelm-Stahl-Allee 2, 18196 Dummerstorf, Germany

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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



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Prof. Dr. Klaus Wimmers
Guest Editor

Special Issue



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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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