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Research Topics

**Recent Advances
in the Evolution
of Euarchontoglires**

Frontiers in Genetics



Euarchontoglires are one of the four main clades of living placental mammals. It includes Euarchonta (primates, tree-shrews, and colugos) and Glires (rodents and lagomorphs), together representing roughly half of extant mammalian species.

Both major branches of Euarchontoglires have a long evolutionary history, as their origins coincide with the very beginning of the Cenozoic. Nevertheless, their exceptional diversity in time and space makes their evolution hard to study. One of the contributing factors is a very high level of convergence and parallelism in dental, osteological and myological features.

Our purpose is to bring together the latest research on Euarchontoglires to better understand their anatomy, evolution, ecology, and genetics. We would like to address these fundamental issues in an interdisciplinary manner, to encourage a serious discussion concerning existing controversies and to foster novel approaches toward understanding this arguably most important group of placentals.

For more information:

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