

Genome Mapping and Genomics in Animals

Chittaranjan Kole

Series Editor

Genome Mapping and Genomics in Arthropods

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Editors

Mapping of animal genomes has generated huge databases and several new concepts and strategies, which are useful to elucidate origin, evolution and phylogeny. Genetic and physical maps of genomes further provide precise details on chromosomal location, function, expression and regulation of academically and economically important genes. The series *Genome Mapping and Genomics in Animals* provides comprehensive and up-to-date reviews on genomic research on a large variety of selected animal systems, contributed by leading scientists from around the world.

Insects and other arthropods, the largest group of animals in number of species, have global impact on agriculture, industry, human health and environment. They are of particular economic importance for food production as pollinators, for natural products like silk and also as pests and parasites. Arthropods covered in this volume include honeybee, bumblebee, the parasitic Jewel Wasp, silkworm, pea aphid, mosquito, Hessian fly and tick.

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