

A leading journal on human, animal and plant  
chromosomes and genomes

# Cytogenetic and Genome Research

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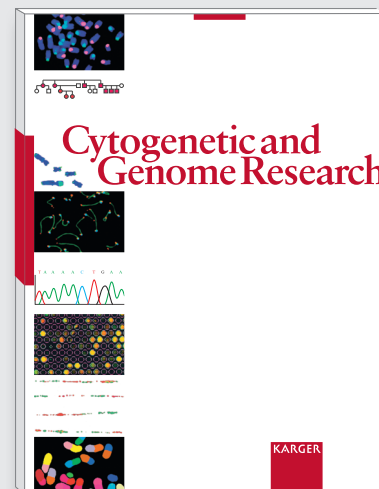
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*Cytogenetic and Genome Research* is a leading forum for original reports and reviews in human and animal cytogenetics, including molecular, clinical and comparative cytogenetics. Most of the articles have centered on genome research, along with gene cloning and sequencing, gene regulation and expression, chromatin structure and function, cancer genetics, comparative cytogenetics, epigenetics and related areas. The journal also publishes key articles on chromosome aberrations in somatic, meiotic and malignant cells and includes studies on invertebrate and plant cytogenetics and genomics. Special topic issues on a broad variety of themes are regularly published, among them the indispensable reference publication *International System for Human Cytogenomic Nomenclature (ISCN)*.

## Cytogenetic and Genome Research

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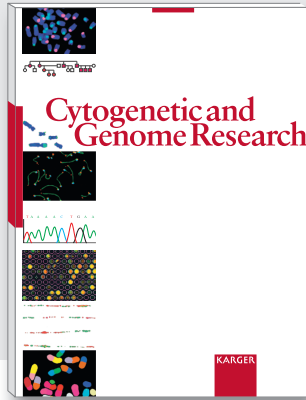
## Selected contributions

- The Chromosomes of Birds during Meiosis: **Pigozzi, M.I.** (Buenos Aires)
- Mammalian Meiotic Recombination: A Toolbox for Genome Evolution: **Capilla, L.; Garcia Caldés, M.; Ruiz-Herrera, A.** (Cerdanyola del Vallès)
- Nucleolar Dominance and Repression of 45S Ribosomal RNA Genes in Hybrids between *Xenopus borealis* and *X. muelleri* ( $2n = 36$ ): **Maciak, S.** (Blacksburg, Va./Bialystok); **Michalak, K.; Kale, S.D.; Michalak, P.** (Blacksburg, VA)
- Aberrant Epigenetic Regulation in the Pathogenesis of Systemic Lupus Erythematosus and Its Implication in Precision Medicine: **Zhan, Y.; Guo, Y.; Lu, Q.** (Changsha)
- A Genome-Wide Association Study to Identify Potential Germline Copy Number Variants for Sporadic Breast Cancer Susceptibility: **Sapkota, Y.** (Memphis, Tenn./Brisbane, QLD); **Narasimhan, A.; Kumaran, M.; Sehrawat, B.S.; Damaraju, S.** (Edmonton, AB)
- Paternal Age and Numerical Chromosome Abnormalities in Human Spermatozoa: **Donate, A.** (Barcelona); **Estop, A.M.** (Livingston, NJ); **Giraldo, J.; Templado, C.** (Barcelona)
- First Description of the Karyotype and Sex Chromosomes in the Komodo Dragon (*Varanus komodoensis*): **Johnson Pokorná, M.** (Prague/Liběchov); **Altmanová, M.; Rovatsos, M.; Velenský, P.; Vodička, R.; Rehák, I.; Kratochvíl, L.** (Prague)
- Cytogenetic Insights into the Evolution of Chromosomes and Sex Determination Reveal Striking Homology of Turtle Sex Chromosomes to Amphibian Autosomes: **Montiel, E.E.; Badenhorst, D.; Lee, L.S.; Litterman, R.** (Ames, IA); **Trifonov, V.** (Novosibirsk); **Valenzuela, N.** (Ames, IA)

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- Chromosome and Gene Workshops or Reports
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