



# BBA GENE REGULATORY MECHANISMS

One of the nine topical journals of [BBA](#)

## AUTHOR INFORMATION PACK

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### DESCRIPTION

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*BBA Gene Regulatory Mechanisms* includes reports that describe novel insights into **mechanisms** of transcriptional, post-transcriptional and translational **gene regulation**. Special emphasis is placed on papers that identify **epigenetic mechanisms** of gene regulation, including chromatin, modification, and remodeling. This section also encompasses mechanistic studies of regulatory proteins and protein complexes; regulatory or mechanistic aspects of RNA processing; regulation of expression by small RNAs; genomic analysis of gene expression patterns; and modeling of gene regulatory pathways. Papers describing gene promoters, enhancers, silencers or other regulatory DNA regions must incorporate significant functions studies.

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### AUDIENCE

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Biochemists, Molecular Biologists, and Geneticists

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Epigenetics; gene expression; chromatin remodelling; development Arabidopsis  
**Mary Ann Osley**, Albuquerque, New Mexico, USA  
Chromatin; nucleosome dynamics; transcription; DSB repair

**Mark Parthun**, Columbus, Ohio, USA

Epigenetics, Histone modifications, histone transport across the nucleus, Mass Spec analysis

**Giovanni Perini**, Bologna, Italy

Myc oncoproteins; Transcriptional repression; Epigenomics. Neuronal tumors; Transcriptome profiling

**José Reyes**, Sevilla, Spain

Epigenetics; Chromatin remodelling; Nucleosome positioning; Histone methylation; Transcription elongation

**Karel Riha**, Vienna, Austria

telomeres; DNA repair; meiosis

**Stefan Roberts**, Buffalo, New York, USA

Transcription; Core promoter; Tumor suppressor; Oncogene

**Michael Schultz**

transcription, chromatin, DNA damage response, metabolic regulation, yeast

**Ed Seto**, Washington, Washington, USA

Histone Deacetylase; Protein Acetylation; Protein Deacetylation; Gene Regulation

**Yosef Shaul**, Rehovot, Israel

transcription, DNA damage, gene therapy, tumor suppressors, and molecular mechanisms of virus host-cell interaction.

**Wen-Hui Shen**, Strasbourg, France

Plant biology, histone methylation, histone ubiquitylation, histone chaperones

**Ravindra Singh**, Ames, Iowa, USA

**Yanming Wang**, University Park, Pennsylvania, USA

**David Wassarman**, Madison, Wisconsin, USA

Transcription, splicing, alternative splicing, chromatin, Drosophila

**Carol Wilusz**, Fort Collins, Colorado, USA

mRNA stability, myotonic dystrophy, mRNA methylation, pluripotent stem cells, RNA-binding protein, post-transcriptional control

**John Wyrick**, Pullman, Washington, USA

Genome-wide mRNA levels in histone, mutant strains, Analysis of global protein-DNA interactions, bioinformatics software (to analyze microarray data), functional genomic tools

**Rui-Ming Xu**, Beijing, China

Epigenetics, chromatin structure, RNA processing, protein-RNA interactions, structural biology.

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*BBA Gene Regulatory Mechanisms* includes reports that describe novel insights into mechanisms of transcriptional, post-transcriptional and translational gene regulation. Special emphasis is placed on papers that identify epigenetic mechanisms of gene regulation, including chromatin, modification, and remodeling. This section also encompasses mechanistic studies of regulatory proteins and protein complexes; regulatory or mechanistic aspects of RNA processing; regulation of expression by small RNA's; genomic analysis of gene expression patterns; and modeling of gene regulatory pathways. Papers describing gene promoters, enhancers, silencers or other regulatory DNA regions must incorporate significant functions studies.

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[1] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, The art of writing a scientific article, *J. Sci. Commun.* 163 (2010) 51–59.

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[2] W. Strunk Jr., E.B. White, *The Elements of Style*, fourth ed., Longman, New York, 2000.

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[3] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age*, E-Publishing Inc., New York, 2009, pp. 281–304.

Reference to a website:

[4] Cancer Research UK, Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>, 2003 (accessed 13 March 2003).

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[dataset] [5] M. Oguro, S. Imahiro, S. Saito, T. Nakashizuka, Mortality data for Japanese oak wilt disease and surrounding forest compositions, *Mendeley Data*, v1, 2015. <https://doi.org/10.17632/xwj98nb39r.1>.

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