

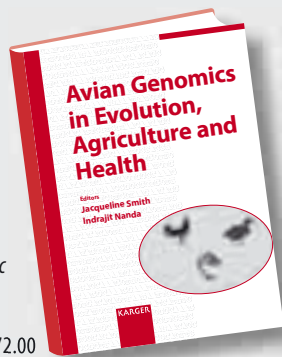
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The impact of advances in genomics on a wide range  
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# Avian Genomics in Evolution, Agriculture and Health



#### Editors

Jacqueline Smith, Indrajit Nanda

**Avian Genomics in Evolution,  
Agriculture and Health**  
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Fields of Interest:  
*Genetics, Molecular Biology, Chromosomes, Evolutionary  
Biology, Genomics, Immunology, Virology*

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This special issue highlights current research in avian genomics. Most contributions relate to the chicken as the model bird species, but advances in the genomics of turkey, duck and other birds are also presented. With a mixture of review articles and original research papers, this publication illustrates how advances in avian genomics have impacted on a wide range of disciplines such as cytogenetics, genetics, immunology, evolution and development. The many resources that are now available to researchers are also described. The knowledge gained from the avian genomes is not just applicable to bird species but offers a useful comparative tool that helps further research across many species. The study of the avian genomes is also shown to play an important role in the fields of agriculture and human health, e.g. in respect to avian influenza.

Well edited and up-to-date, this issue is recommended reading to scientists working in any of the above-mentioned fields of avian research.

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# Avian Genomics in Evolution, Agriculture and Health

## Contents

### Preface

Smith, J.; Nanda, I.

### Introduction

#### Avian genomics in the 21st century

Burt, D.W.; White, S.J.

### Resources

#### The chicken RH map: current state of progress and microchromosome mapping

Morisson, M.; Denis, M.; Milan, D.; Klopp, C.; Leroux, S.; Bardes, S.; Pitel, F.; Vignoles, F.; G erus, M.; Fillon, V.; Douaoud, M.; Vignal, A.

#### A high-resolution linkage map for the Z chromosome in chicken reveals hot spots for recombination

Wahlberg, P.; Str mstedt, L.; Tordoir, X.; Foglio, M.; Heath, S.; Lechner, D.; Hellstr m, A.R.; Tixier-Boichard, M.; Lathrop, M.; Gut, I.G.; Andersson, L.

#### GEISHA: an in situ hybridization gene expression resource for the chicken embryo

Darnell, D.K.; Kaur, S.; Stanislaw, S.; Davey, S.; Konieczka, J.H.; Yatskievych, T.A.; Antin, P.B.

#### Practicable approaches to facilitate rapid and accurate molecular cytogenetic mapping in birds and mammals

Morris, W.B.; Stephenson, J.E.; Robertson, L.B.W.; Turner, K.; Brown, H.; Ioannou, D.; Tempest, H.G.; Skinner, B.M.; Griffin, D.K.

### Cytogenetics

#### Chromosome repatterning in three representative parrots (Psittaciformes) inferred from comparative chromosome painting

Nanda, I.; Karl, E.; Griffin, D.K.; Schartl, M.; Schmid, M.

#### Chromosomal mapping of chicken mega-telomere arrays to GGA9, 16, 28 and W using a cytogenomic approach

Delany, M.E.; Gessaro, T.M.; Rodrigue, K.L.; Daniels, L.M.

#### The evolution of the avian genome as revealed by comparative molecular cytogenetics

Griffin, D.K.; Robertson, L.B.W.; Tempest, H.G.; Skinner, B.M.

### Evolution

#### Conserved synteny of mammalian imprinted genes in chicken, frog, and fish genomes

D nzinger, U.; Haaf, T.; Zechner, U.

#### ZP genes in avian species illustrate the dynamic evolution of the vertebrate egg envelope

Hughes, D.C.

#### Different origins of bird and reptile sex chromosomes inferred from comparative mapping of chicken Z-linked genes

Kawai, A.; Nishida-Umehara, C.; Ishijima, J.; Tsuda, Y.; Ota, H.; Matsuda, Y.

#### A new look at the evolution of avian sex chromosomes

Stiglec, R.; Ezaz, T.; Graves, J.A.M.

#### Sequencing and genomic annotation of the chicken (*Gallus gallus*) Hox clusters, and mapping of evolutionarily conserved regions

Richardson, M.K.; Crooijmans, R.P.M.A.; Groenen, M.A.M.

#### Molecular evolutionary genomics of birds

Ellegren, H.

### Gene Expression

#### Global gene expression profile after *Salmonella enterica* Serovar *enteritidis* challenge in two F8 advanced intercross chicken lines

Zhou, H.; Lamont, S.J.

#### A functional genomics approach to the study of avian innate immunity

Keeler, C.L., Jr.; Bliss, T.W.; Lavri , M.; Maughan, M.N.

#### Evolutionary conservation of alternative splicing in chicken

Katyal, S.; Gao, Z.; Liu, R.-Z.; Godbout, R.

#### Manipulation of small RNAs to modify the chicken transcriptome and enhance productivity traits

Tizard, M.L.V.; Moore, R.J.; Lambeth, L.S.; Lowenthal, J.W.; Doran, T.J.

#### Avian sex determination: what, when and where?

Smith, C.A.; Roeszler, K.N.; Hudson, Q.J.; Sinclair, A.H.

#### Manipulation of thyroid status and/or GH injection alters hepatic gene expression in the juvenile chicken

Wang, X.; Carr , W.; Saxton, A.M.; Cogburn, L.A.

### Immunology

#### Biotechnology and the chicken B cell line DT40

Bachl, J.; Caldwell, R.B.; Buerstedde, J.-M.

#### Genomics of antiviral defenses in the duck, a natural host of influenza and hepatitis B viruses

MacDonald, M.R.W.; Veniamin, S.M.; Guo, X.; Xia, J.; Moon, D.A.; Magor, K.E.

#### Avian genomics and the innate immune response to viruses

Jenkins, K.A.; Bean, A.G.D.; Lowenthal, J.W.

#### Characterization of the turkey MHC chromosome through genetic and physical mapping

Chaves, L.D.; Krueh, S.B.; Reed, K.M.

#### The avian immune genome – a glass half-full or half-empty?

Kaiser, P.

### Development

#### The chicken as a model for embryonic development

Davey, M.G.; Tickle, C.

#### Potential application of sperm bearing female-specific chromosome in chickens

Shimada, K.; Valdez, M.B., Jr.; Mizutani, M.; Namikawa, T.

#### Low density lipoprotein receptor relatives in chicken ovarian follicle and oocyte development

Schneider, W.J.

#### Left-right axis development: examples of similar and divergent strategies to generate asymmetric morphogenesis in chick and mouse embryos

Schlueter, J.; Brand, T.

### Sequence Analysis

#### Characterising alternate splicing and tissue specific expression in the chicken from ESTs

Tang, H.; Heeley, T.; Morlec, R.; Hubbard, S.J.

#### GOing from functional genomics to biological significance

McCarthy, F.M.; Bridges, S.M.; Burgess, S.C.

### Quantitative Trait Loci and Single Nucleotide Polymorphism

#### Identification of quantitative trait loci affecting shank length, body weight and carcass weight from the Japanese cockfighting chicken breed, Oh-Shamo (Japanese Large Game)

Tsudzuki, M.; Onitsuka, S.; Akiyama, R.; Iwamizu, M.; Goto, N.; Nishibori, M.; Takahashi, H.; Ishikawa, A.

#### Quantitative trait loci for bone traits segregating independently of those for growth in an F<sub>2</sub> broiler x layer cross

Sharman, P.W.A.; Morrice, D.R.; Law, A.S.; Burt, D.W.; Hocking, P.M.

#### Parent-of-origin specific QTL – a possibility towards understanding reciprocal effects in chicken and the origin of imprinting

Tuiskula-Haavisto, M.; Vilkki, J.

#### Evidence for widespread epistatic interactions influencing Marek's disease virus viremia levels in chicken

Cheng, H.H.; Zhang, Y.; Muir, W.M.

#### Biodiversity of 20 chicken breeds assessed by SNPs located in gene regions

Twito, T.; Weigend, S.; Blum, S.; Granevitze, Z.; Feldman, M.W.; Perl-Treves, R.; Lavi, U.; Hillel, J.

#### Detection of agriculturally important QTLs in chickens and analysis of the factors affecting genotyping strategy

Atzmon, G.; Blum, S.; Feldman, M.; Lavi, U.; Hillel, J.

#### Extent of linkage disequilibrium in chicken

Aerts, J.; Megens, H.J.; Veenendaal, T.; Ovcharenko, I.; Crooijmans, R.; Gordon, L.; Stubbs, L.; Groenen, M.

### Genes and Longevity

#### Fanconi anemia: genetic analysis of a human disease using chicken system

Takata, M.; Kitao, H.; Ishiai, M.

#### Neuroendocrine and immune characteristics of aging in avian species

Ottinger, M.A.; Lavoie, E.

### Proteomics

#### Avian proteomics: advances, challenges and new technologies

Doherty, M.K.; McLean, L.; Beynon, R.J.

### Avian Viruses

#### Polymorphisms of the chicken antiviral MX gene

Watanabe, T.

#### Genomics and Marek's disease virus

Burnside, J.; Morgan, R.W.

#### Modulation of macrophages by infectious bursal disease virus

Khatri, M.; Sharma, J.M.

#### Genesis of pandemic influenza

Sorrell, E.M.; Ramirez-Nieto, G.C.; Gomez-Osorio, I.G.; Perez, D.R.

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