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DESCRIPTION

*Agri Gene* publishes papers that focus on the regulation, expression, function and evolution of genes in crop plants, farm animals, and agriculturally important insects and microorganisms.

*Agri Gene* strives to be a diverse journal and topics in multiple fields will be considered for publication so long as their main focus is on agriculturally important organisms (plants, animals, insects, or microorganisms). *Although not limited to the following*, some examples of potential topics include:

Gene discovery and characterization. Genetic markers to guide traditional breeding. Genetic effects of transposable elements. **Evolutionary genetics**, molecular evolution, population genetics, and phylogenetics. **Profiling of gene expression** and genetic variation. Biotechnology and crop or livestock improvement. **Genetic improvement of biological control microorganisms**. Genetic control of secondary metabolic pathways and metabolic enzymes of crop pathogens. **Transcription analysis of beneficial or pest insect developmental stages**

*Agri Gene* encourages submission of novel manuscripts that present a reasonable level of analysis, functional relevance and/or mechanistic insight. *Agri Gene* also welcomes papers that have predominantly a descriptive component but improve the essential basis of knowledge for subsequent functional studies, or **which** provide **important** confirmation of recently published discoveries provided that the information is new.

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INTRODUCTION

Agri Gene publishes papers that focus on the regulation, expression, function and evolution of genes in crop plants, farm animals, and agriculturally important insects and microorganisms. Agri Gene strives to be a diverse journal and topics in multiple fields will be considered for publication so long as their main focus is on agriculturally important organisms (plants, animals, insects, or microorganisms). Although not limited to the following, some examples of potential topics include: Gene discovery and characterization. Genetic markers to guide traditional breeding. Genetic effects of transposable elements. Evolutionary genetics, molecular evolution, population genetics, and phylogenetics. Profiling of gene expression and genetic variation. Biotechnology and crop or livestock improvement. Genetic improvement of biological control microorganisms. Genetic control of secondary metabolic pathways and metabolic enzymes of crop pathogens. Transcription analysis of beneficial or pest insect developmental stages Agri Gene encourages submission of novel manuscripts that present a reasonable level of analysis, functional relevance and/or mechanistic insight. Agri Gene also welcomes papers that have predominantly a descriptive component but improve the essential basis of knowledge for subsequent functional studies, or which provide important confirmation of recently published discoveries provided that the information is new.

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Authors submitting papers that are suitable for consideration but do not comply fully with this Guide will be asked to amend the text and re-submit. Article types are as follows: Review Article Research Paper Methods Paper Short Communication Letter to the Editor

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Full-Length Research Articles should be no longer than 3,000 words in length, excluding the Title page, Abstract, Acknowledgements, Tables, Figures and References. Full-Length Research Articles should be arranged as follows: (1) Title page; (2) an Abstract of up to 250 words (with no sub-headings), which should emphasize objectives, the experimental procedure, results and conclusions; up to five Keywords in alphabetical order and in Title case should be supplied below the Abstract; (3) the main text must be sub-divided into Introduction, Materials and methods, Results, Discussion, and Conclusions; (4) Conflict of interest statement; (5) Acknowledgements; (6) Appendix: Supplementary material (where this is provided; see below); (7) References; (8) Tables; (9) Figure legends; (10) Figures (uploaded as separate files). The sections should not be numbered.

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