



MOLECULAR IMMUNOLOGY

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AUTHOR INFORMATION PACK

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DESCRIPTION

Molecular Immunology publishes original articles, reviews and commentaries on all areas of immunology, with a particular focus on description of cellular, biochemical or genetic mechanisms underlying immunological phenomena. Studies on all model organisms, from invertebrates to humans, are suitable. Examples include, but are not restricted to: Infection, autoimmunity, transplantation, immunodeficiencies, inflammation and tumor immunology Mechanisms of induction, regulation and termination of innate and adaptive immunity Intercellular communication, cooperation and regulation Intracellular mechanisms of immunity (endocytosis, protein trafficking, pathogen recognition, antigen presentation, etc) Mechanisms of action of the cells and molecules of the immune system Structural analysis Development of the immune system Comparative immunology and evolution of the immune system "Omics" studies and bioinformatics Vaccines, biotechnology and therapeutic manipulation of the immune system (therapeutic antibodies, cytokines, cellular therapies, etc) Technical developments

To be acceptable for publication, studies that describe correlations between disease and genetic polymorphisms would normally be required to include novel mechanistic findings underlying the associations.

Clinical studies correlating disease and measurements of a molecule or cell type would likewise not be suitable for publication without novel mechanistic insights.

Studies describing pharmacological agents are welcome if they provide significant novelty on the mechanisms of action.

AUDIENCE

Researchers in immunology, molecular biology and molecular genetics.

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Molecular Immunology publishes original articles, reviews and commentaries on all areas of immunology, with a particular focus on description of cellular, biochemical or genetic mechanisms underlying immunological phenomena. Studies on all model organisms, from invertebrates to humans, are suitable. Examples include, but are not restricted to: Infection, autoimmunity, transplantation, immunodeficiencies, inflammation and tumor immunology Mechanisms of induction, regulation and termination of innate and adaptive immunity Intercellular communication, cooperation and regulation Intracellular mechanisms of immunity (endocytosis, protein trafficking, pathogen recognition, antigen presentation, etc) Mechanisms of action of the cells and molecules of the immune system Structural analysis Development of the immune system Comparative immunology and evolution of the immune system "Omics" studies and bioinformatics Vaccines, biotechnology and therapeutic manipulation of the immune system (therapeutic antibodies, cytokines, cellular therapies, etc) Technical developments

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Studies describing pharmacological agents are welcome if they provide significant novelty on the mechanisms of action.

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Citations may be made directly (or parenthetically). Groups of references can be listed either first alphabetically, then chronologically, or vice versa.

Examples: 'as demonstrated (Allan, 2000a, 2000b, 1999; Allan and Jones, 1999)... Or, as demonstrated (Jones, 1999; Allan, 2000)... Kramer et al. (2010) have recently shown ...'

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Examples:

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Van der Geer, J., Hanraads, J.A.J., Lupton, R.A., 2010. The art of writing a scientific article. *J. Sci. Commun.* 163, 51–59. <https://doi.org/10.1016/j.Sc.2010.00372>.

Reference to a journal publication with an article number:

Van der Geer, J., Hanraads, J.A.J., Lupton, R.A., 2018. The art of writing a scientific article. *Heliyon.* 19, e00205. <https://doi.org/10.1016/j.heliyon.2018.e00205>.

Reference to a book:

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

Reference to a chapter in an edited book:

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

Reference to a website:

Cancer Research UK, 1975. Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/> (accessed 13 March 2003).

Reference to a dataset:

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

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