

Special Issue

Livestock Tick-Borne Diseases: From Pathogens to Control

Message from the Guest Editors

Ticks have a great interest as either parasites or vectors of pathogens relative to livestock. The potential economic losses produced by a decrease in production is one of the main unresolved issues in animal health. Research studies on ecologically and friendly acaricides are currently paused, but new molecular tools could contribute to fighting the pest. This Special Issue is devoted to the understanding of the ecological, epidemiological, and molecular relationships of tick-borne pathogens (TBPs), as well as the economic impact on livestock. The focus of the Special Issue is not local but wide-scale studies aimed at a country-wide or continental analysis of (but not restricted to) the economic burden of TBPs in a biogeographical region, the molecular relationships between ticks and pathogens, research on races of animals resistant to ticks, requirements for an ecological and economically feasible protocol of anti-tick treatment, or the actual impact of the climate trends on the spread of TBPs.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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