1. Policies and Procedures of *Meat and Muscle Biology*

**SCOPE AND PURPOSE**

The American Meat Science Association (AMSA) fosters community and professional development among individuals who create and apply science to efficiently provide safe and high quality meat.

The purpose of the *Muscle and Meat Biology* (*MMB*) journal is to provide an appropriate medium for the dissemination of knowledge on all antemortem and postmortem factors that influence the properties of meat that are marketed for human consumption.

*MMB* is a gold open access online publication, allowing maximum exposure immediately after publication and extending its reach freely across the globe. High quality, pertinent, and timely basic and applied research will be published on meat and muscle biology from domestic mammals, avians, reptiles, aquaculture species, amphibians, wild capture mammals, and synthetic meat analogs. Topics can include any factors affecting meat and its use, including production, quality, composition, processing, safety, and value of edible products including muscle biology and biochemistry, human nutrition, food safety, sensory evaluation, consumer science, new or improved meat related analytical procedures, processing and sensing technologies, and marketing of meat products.

Types of papers considered for publication, with all undergoing peer review:
  - Original research articles
• Review papers by invitation or unsolicited
• Short Communications
• Reciprocal Meat Conference abstracts (as one paper) that are accepted for the AMSA annual meeting
• Proceedings of the RMC by invitation only

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**Word limit.** Maximum 2,500 words (not including references, tables/figures and their corresponding captions and legends)
Tables and figures. Maximum of either 2 tables or figures or one of each

References. Maximum of 15 references

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Authors should read through this Style Guide and have colleagues thoroughly review the manuscript before submission to the American Meat Science Association (AMSA) *Meat and Muscle Biology* journal (*MMB*). Coauthors should have read and agreed with the scientific content and merit of the paper. It is advisable to consult the *MMB* manuscript template or papers in *MMB* to view an acceptable format for headings, title page, desired sections (Abstract, Key words, Introduction, Materials and Methods, Results, Discussion or combined Results and Discussion, Literature Cited, tables, figures) of research papers. A template for development of manuscripts is at the *MMB* website. Manuscripts must be written in English and use American spelling and usage and standard scientific usage.

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4. Keywords.
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7. Results. This section is sometimes combined with the discussion section.
8. Discussion. This may include a subsection for conclusions. No separate summary section is used because it would duplicate the function of the abstract; a summary statement may, however, be given as a closing paragraph.
9. Acknowledgments (if desired to give credit or required to explain conflicts of interest, funding).
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11. List of figure captions, then tables with titles, then the figures or images.

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This section must contain a clear description of the conduct or protocol for the experiment, including the experimental conditions, experimental design, experimental units, number of observations, and the method and statistical model by which the data were statistically analyzed. This section should give sufficient detail to allow a competent scientist to repeat the experiments, mentally or in actuality. The preparation method, equipment, and measurements, including SI units must be given, in a logical order or in the sequence in which the methods were performed. Materials and equipment specific to the research or essential to the outcome should be identified by code or model, manufacturer, and manufacturer location. Readily available or common apparatuses, instruments or equipment such as beakers or analytical balances need not be identified with specific information, but sources of chemicals and other products must have the code, source, and location. Chemical rather than trade names are preferred. Materials that are proprietary or specially procured should be identified by the pertinent chemical and physical properties (e.g., purity, pH, concentration).

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For sensory studies, information on study parameters including source of samples, storage, preparation methods, temperature parameters, serving size, number of samples per session, number of sessions per day, time between samples, number of replications, duplication, palette cleansers, serving order design, use of carriers and other key information on the sensory test should be provided in the methods. For descriptive studies using trained panels, the number of panelists, the type and length of training, definition of scales and attributes, and how the panel was monitored...
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