

Peer Review

Review of: "Disruption, Diversity, and Due Diligence: Charting the Course for Coffee's Future—Key Takeaways from the International Coffee Convention 2024 (ICC2024)"

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This review article provides a comprehensive and well-organized synthesis of the key discussions and scientific contributions presented at ICC2024, successfully capturing the interdisciplinary nature of contemporary coffee research across genetics, sustainability, processing, health, regulation, and business innovation. The breadth of coverage and structured thematic sections are major strengths, offering readers a panoramic overview of current challenges and technological advances shaping the global coffee sector, while the inclusion of regulatory, environmental, and health dimensions enhances its relevance for policymakers and industry stakeholders. However, the manuscript reads more as an extended conference report than a critical review, as it largely summarizes presentations without sufficiently synthesizing cross-cutting themes, evaluating the strength of evidence, or identifying knowledge gaps and future research priorities. To improve the article, the authors should reduce descriptive repetition, integrate comparative analysis between presented approaches (e.g., AI tools for EUDR compliance, fermentation innovations, by-product valorization strategies), add a critical appraisal section highlighting methodological limitations and unresolved controversies, and conclude with a clearer forward-looking research agenda supported by analytical insight rather than narrative recap. Strengthening synthesis over description and adding deeper critical interpretation would elevate the manuscript from a conference summary to a high-impact scholarly review.

Declarations

Potential competing interests: No potential competing interests to declare.