

Metabolomics Society: Abstract Evaluation Rubric

1	2	3	4	5
1. Introduction and Aim				
Need and aim of study are missing, inaccurate, or misleading.	Need and aim of study stated but unclear.	Need and aim stated but not well connected or irrelevant information included.	Need and aim are concisely stated. Link between need and aim lacks clarity. All information is relevant.	Clearly and concisely states scientific need for study and aim/hypothesis. Need and aim are well connected. All information is highly relevant.
2. Methodology				
Methods are missing, inaccurate, or misleading.	Methods provided but connection to aim is unclear. Type and level of detail inappropriate relative to aim.	Methods provided but connection to aim is unclear. Type and level of detail appropriate relative to aim.	Methods articulated and connected to aim but lack clarity. Type and level of detail appropriate relative to aim.	Methods clearly articulated, well connected to aim of study, type and level of detail appropriate relative to aim.
3. Findings and Significance				
Findings and their significance are missing.	Findings presented but connection to aim unclear. Significance of findings not addressed.	Findings presented but connection to aim lacks clarity. Significance of findings also lacks clarity.	Findings presented and well connected to aim. Significance of findings explained. Lack of clarity in one of the above.	Findings clearly presented and well connected to aim. Significance of findings clearly explained relative to aim.
4. Contribution to Discipline				
Contribution to discipline missing or misleading.	Unclear attempt to connect study to discipline.	Connects study to discipline in terms of future use case. Unclear how study will advance the discipline.	States how study will advance discipline or address the specific discipline need but lacks clarity.	Clearly articulates how the study will advance the discipline or address the specific need in the discipline.
5. Scientific Writing				
Abstract lacks structure. Grammatical and spelling errors significantly impede understanding. Inappropriate verb tense used.	Partially structured abstract; ideas not all well connected. Grammatical and spelling errors present throughout, but do not impede understanding. Inappropriate verb tense used.	Abstract structured appropriately, with minor lack of connection of ideas. Few grammatical and/or spelling errors present, but do not impede understanding. Minor inconsistencies in verb tense usage.	Abstract well structured, with clear connection of ideas. Very minor grammatical or spelling errors present. Verb tense used appropriately throughout.	Excellent structure: all ideas well connected. Free of grammatical and spelling errors. Verb tense used appropriately throughout.