



# 2027 BMES CMBE CONFERENCE

## Mechanisms to Medicine

JANUARY 3-7, 2027  
Hilton San Diego Bayfront | San Diego, CA



**Graduate Student Travel Award Eligibility: Applicants must have had an independent lab for no more than 6 years at the time of application. Abstracts should present work from the applicant's independent lab.**

<b>Significance</b>				
	<u>Criteria</u>	<u>Example Characteristics and Suggested Scores</u>	<u>Max Score</u>	<u>Assigned Score</u>
	<p>Scores should reflect the importance of the <b>work presented in the abstract</b>, with respect to the relevant literature and the work's impact to the field of CMBE. Studies providing mechanistic insight, developing new technologies, and/or enabling translational activities are of particular interest</p>	<p>5: Reveals long sought-after mechanism / Presents ground-breaking technology / Describes translational approach to major clinical need / Other equivalent accomplishment</p> <p>4: Reveals important mechanism / Presents exciting new technology / Describes translational approach to minor clinical need / Other equivalent accomplishment</p> <p>3: Refines well-studied mechanism / Present a new technology/ Refines existing translational approach / Other equivalent accomplishment</p> <p>2: Focuses on technical details or approaches of some interest to the CMBE field</p> <p>1: Focuses on technical details or approaches largely not of general interest to the CMBE field</p>	5	

<b>Innovation</b>				
	<u>Criteria</u>	<u>Example Characteristics and Suggested Scores</u>	<u>Max Score</u>	<u>Assigned Score</u>
	<p>Scores should reflect the overall conceptual and/or technical innovation the <b>work presented in abstract</b> with respect to current approaches in CMBE. Approaches enabling studies in new sub-fields of CMBE, probing new scales/concepts in existing sub-fields, or integrating diverse sub-fields are of particular interest</p>	<p>5: Study opens new sub-field, probes existing sub-field in new way, integrates multiple subfields for the first time, and/or other equivalent characteristic</p> <p>4: One of first studies in new sub-field, using new techniques, integrating multiple sub-fields, and/or other equivalent characteristic</p> <p>3: Focuses on an established field of research</p> <p>2: A confirmative study using novel approaches</p> <p>1: Largely a confirmative study using established techniques</p>	5	

<b>Technical Content</b>				
	<u>Criteria</u>	<u>Example Characteristics and Suggested Scores</u>	<u>Max Score</u>	<u>Assigned Score</u>
	<p>Presented results are quantitative, clearly, and concisely summarized, sufficiently powered, potentially repeatable, and appropriately interpreted</p>	<p>5: All aspects of technical content are high quality</p> <p>4: Most aspects of technical content are high quality</p> <p>3: Some aspects of technical content are high quality</p> <p>2: Few aspects of technical content are high quality</p> <p>1: Very few aspects of technical content are high quality</p>	5	

**Writing Style and Figure Presentation**

Criteria	Example Characteristics and Suggested Scores	Max Score	Assigned Score
Writing style is high quality: lacking excessive technical jargon, is clear and concise, has a logical flow, lacks typos, and communicates main points effectively. Figures are of high quality, easily read, and readily convey important aspects of data	5: All aspects of writing and figures are high quality 4: Most aspects of writing and figures are high quality 3: Some aspects of writing and figures are high quality 2: Few aspects of writing and figures are high quality 1: Very few aspects of writing and figures are high quality	5	

Overall Score of Application			
Criteria	Reviewer Comments, Score Driving Factors	Max Score	Assigned Score
The overall application score should represent the overall quality of the application as subject to the opinion of the reviewer in response to a wholistic review of the entire application.		5	