

Review Form2

Book Name:	Research Perspectives of Microbiology and Biotechnology
Manuscript Number:	Ms_BPR_2625
Title of the Manuscript:	BIOMECHANICS OF URINARY BLADDER: SLOW-FILLING AND SLOW-EMPTYING CYSTOMETRY AND ACCOMMODATION EXPLAINED BY SLIDING FILAMENTS MODEL
Type of the Article	Book Chapter

PART 1: Review Comments

Compulsory REVISION comments	Reviewer’s comment	Author’s Feedback(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimumof 3-4 sentences may be required for this part.	I like it because the biomechanics of the urinary bladder focuses on understanding how the bladder's structure and function are governed by mechanical principles, which are crucial for its role in storing and expelling urine.	
Is the title of the article suitable? (If not please suggest an alternative title)	Suitable	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Methods and results are not cleaerly stated	
Are subsections and structure of the manuscript appropriate?	Not well structured forexample, materilas and methods not clearly tated/ not separated from the introductory part	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimumof 3-4 sentences may be required for this part.	Cystometryis a test used to measure bladder pressure and volume changes, providing insights into bladder compliance and capacity. During filling, the bladder maintains a low internal pressure due to the elastic recoil of the detrusor muscle, which stretches to accommodate urine but with age or certain conditions (like fibrosis or overactive bladder), bladder compliance may decrease, leading to higher pressures during filling and urgency symptoms.So, this manuscript is technically sound.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	Not sufficient	

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments		

PART 2:

	Reviewer’s comment	Author’s comment(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

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