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LEUVEN 2023-07-06

Dear Prof. Dr. Jian Li

Dear members of the Editorial Board

We are pleased to submit our manuscript titled 'Dosing of intravenous posaconazole in the intensive care unit: a population pharmacokinetics modeling and simulation study' for consideration as a research paper for publication in *International Journal of Antimicrobial Agents*.

We believe that our manuscript will be of great interest to the readers of *International Journal of Antimicrobial Agents*, as it addresses a clinically relevant issue and provides valuable insights into the pharmacokinetics and dose optimization of posaconazole in critically ill patients. Clinical practice will benefit from our findings, the dosing regimen presented leads to target attainment in >90% of critically ill patients and avoids the need for therapeutic drug monitoring. With this, we bring an optimized, easy implementable dosing solution back to the bedside.

The authors of this manuscript declare that it has not been previously published, is not under consideration for publication elsewhere, and that all authors have read and approved the final version of the manuscript.

Thank you for considering our manuscript for publication in *International Journal of Antimicrobial Agents*. We look forward to hearing from you regarding the outcome of the review process.

Many thanks in advance.

Yours sincerely,
On behalf of all co-authors



Erwin Dreesen, Pharm.D., Ph.D.

Assistant professor



Isabel Spriet, Pharm.D., Ph.D.

Clinical Pharmacy Dpt, UZ Leuven