

Dear Dr. Marin and Reviewers,

Thank you for providing a feedback on the work entitled “Lattice Boltzmann study of mass transfer for two-dimensional Bretherton/Taylor bubble train flow”. The comments improved the quality of the manuscript significantly. Please find attached the answers and highlights in the attached file (file: answers.pdf) along with the revised manuscript with all corrections marked in red color (file: introduction.pdf). Please do not hesitate to contact me if you have any questions/comments.

Best Regards,
Alex

Keywords: Mass Transfer, Taylor/Bretherton bubble train flow, Multiphase flow, Lattice Boltzmann method, Binary liquid model, Flow in microchannels with parallel plates