THE UNIVERSITY OF ARIZONA **GRADUATE COLLEGE**

As members of the Master's Committee, we certify that we have read the thesis prepared by Elnaz Tavakoli Yazdi, titled Developing a highly parallelized TCR synthesis algorithm on GPGPU and FPGA for accelerating the study of immune systems and recommend that it be accepted as fulfilling the thesis requirement for the Master's Degree.

Salim Hariri

Date: 11/14/2018

Date: 14/2018

Date: /2/12/2018

Date: 12/10/2018

Final approval and acceptance of this thesis is contingent upon the candidate's submission of the final copies of the thesis to the Graduate College.

I hereby certify that I have read this thesis prepared under my direction and recommend that it be accepted as fulfilling the Master's requirement.

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