**Declaration of the independent preparation of the master’s thesis for the Master of Science in Biomedical Engineering**

I hereby attest with my signature that I have independently completed my master’s thesis in accordance with the principles of good scientific practice and without the assistance of third parties. I also attest that the information concerning the sources used in this work is true and complete in every respect. All sources that have been quoted or paraphrased have been marked accordingly.

Additionally, I affirm that any text passages written with the help of AI-supported technology are marked as such, including a reference to the AI-supported program used.

This master’s thesis may be checked for plagiarism and use of AI-supported technology using the appropriate software. I understand that unethical conduct may lead to a grade of 1 or “fail” or expulsion from the study program and the Faculty of Medicine has the right to revoke the title conferred to me through this work.

Place, Date:

Signature: