



Frank Gijsen, PhD

I did my PhD at the TU/e and completed my dissertation 1998 carrying the title 'Modeling of wall shear stress in large arteries'. I started a bioengineering consultancy company and was involved in setting up the research program for the newly founded department of Biomedical Engineering at the TU/e before moving to the Erasmus Medical Center in 2001. I am associate professor at the department of Biomedical Engineering since 2014. Since 2020, I am also associate professor at the department of Biomechanical Engineering at the TUDelft. My

research interests include the effect of blood flow induced shear stress on atherosclerosis, plaque mechanics and rupture, thrombus mechanics and device design, application of digital twins in a clinical setting and human disease models.