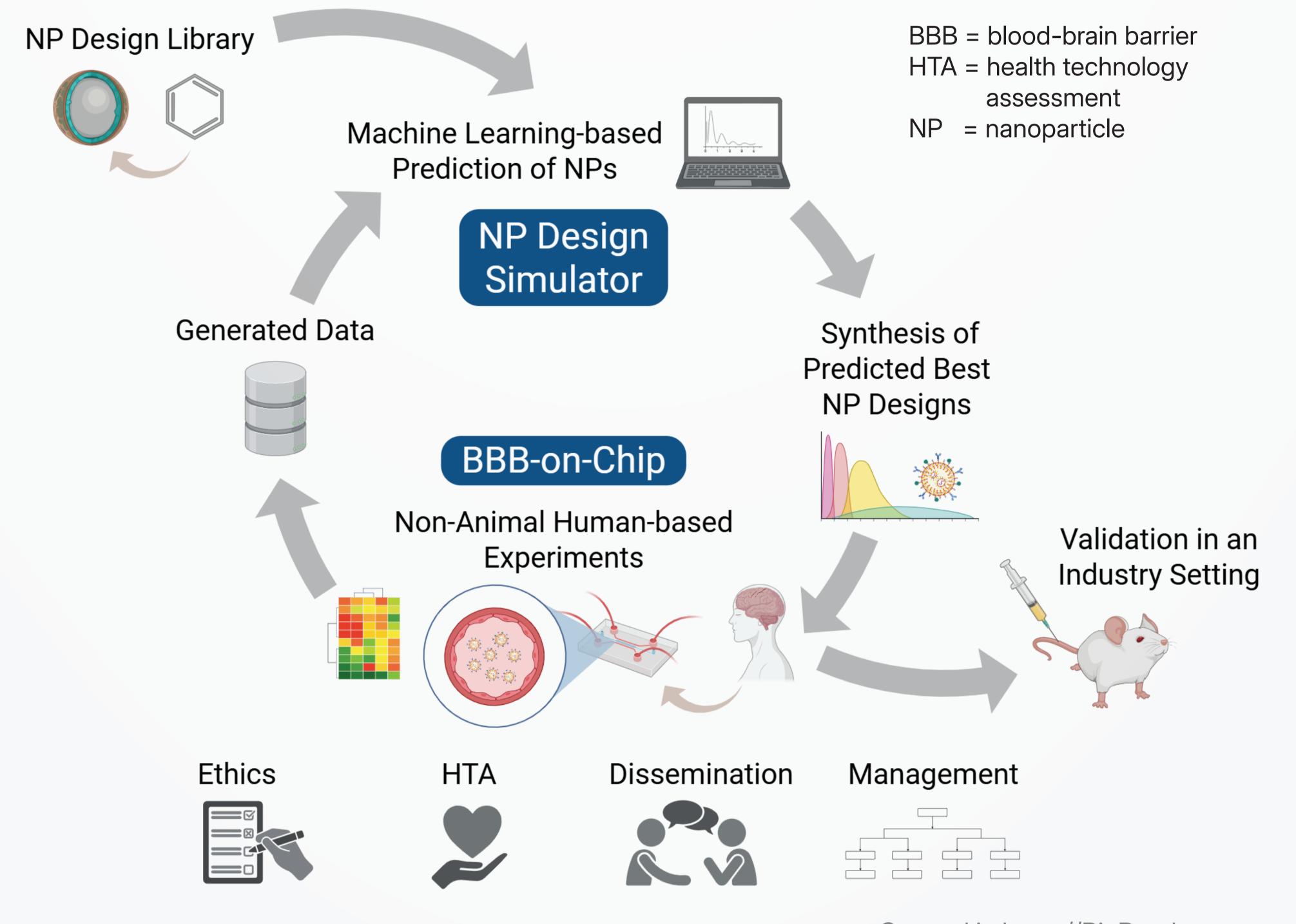


Non-Animal Platform for Nanoparticle-Based Delivery across the Blood Brain Barrier **Interface with Vehicle Evolution**



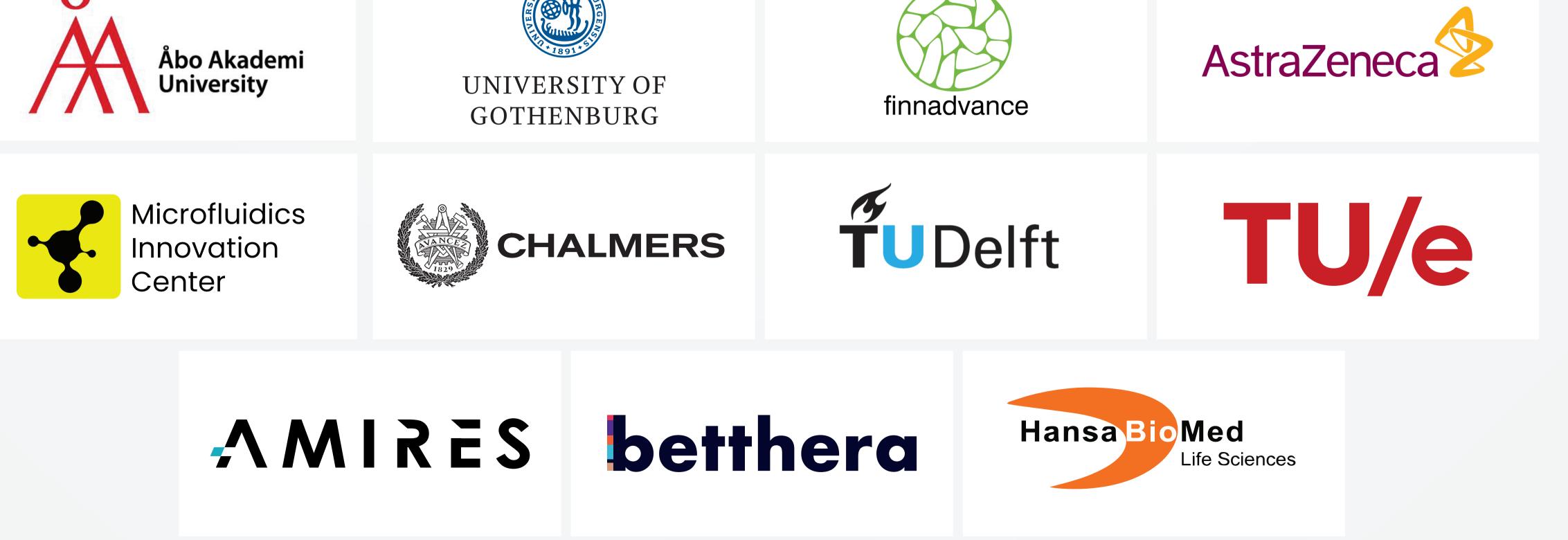
Created in https://BioRender.com

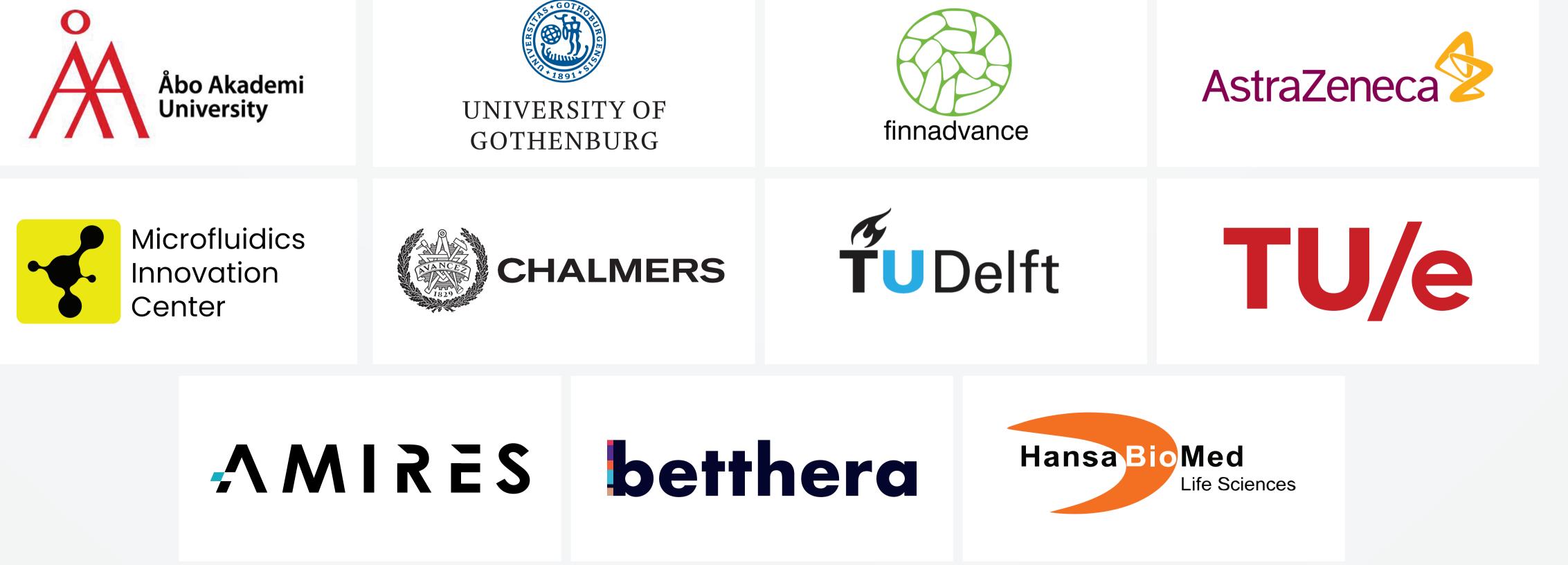


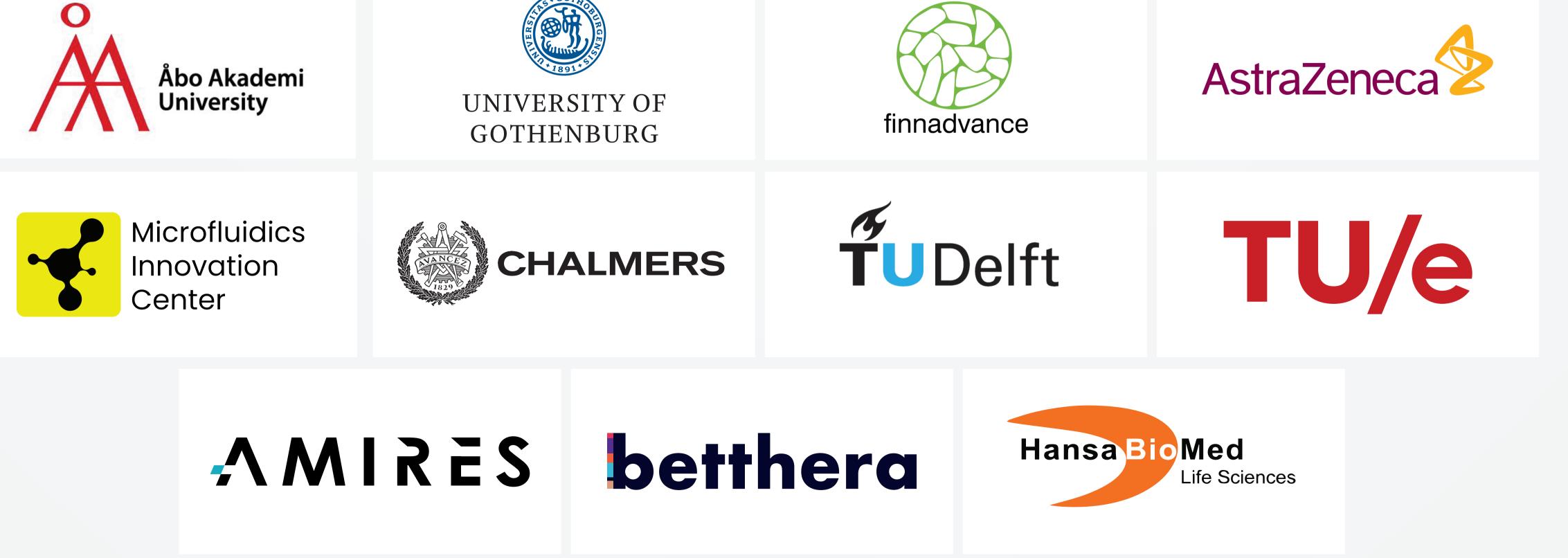
NAP4DIVE offer new opportunities to deliver effective but as of now undeliverable drugs to the brain, through two complementary non-animal tools: a high-throughput brain blood barrier (BBB)on-Chip and an in silico model based on machine learning ("Nanoparticle Design Simulator").

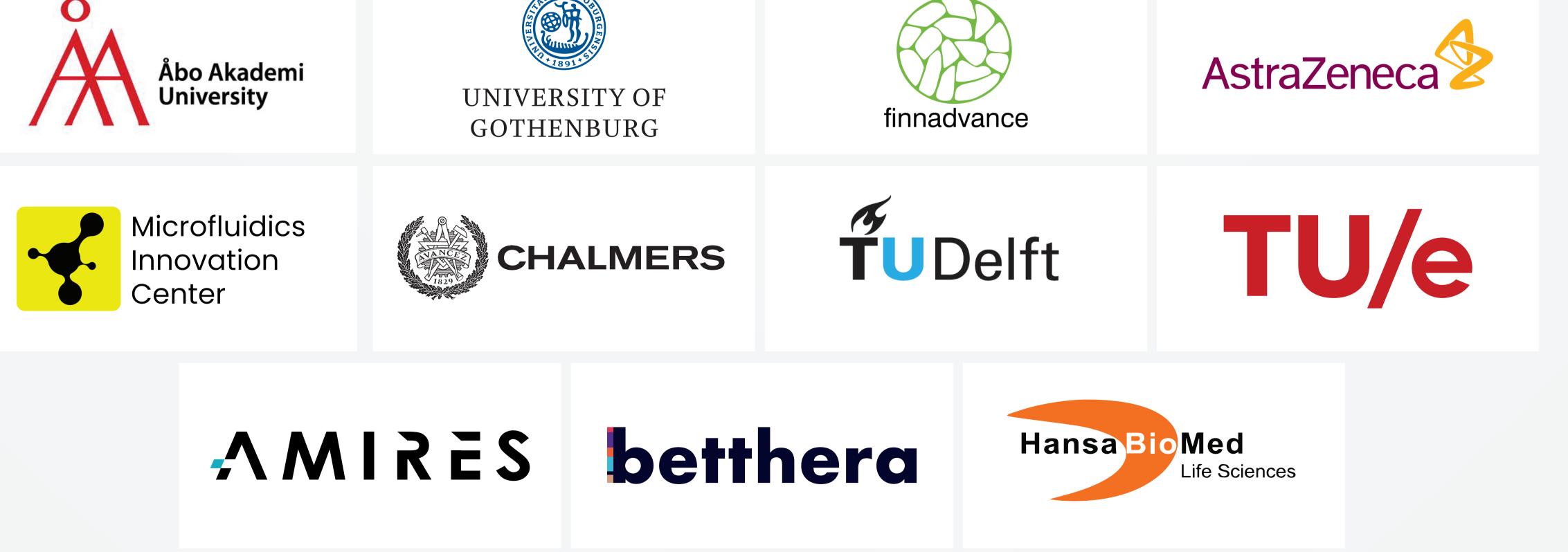
NAP4DIVE aligns with the EU and global initiatives to reduce animal testing and advance human-based biomedical research models.















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