Specialists	Course of action before the meeting	Information gathered during the meeting
rofessor Chris Bervoets	TDM of lithium for people with bipolar disorder.	TDM is of importance and potential application is measurement of receptor occupancy
rofessor Peter Sinnaeve	TDM of ivabradine for patients with severe heart failure.	TDM of ivabradine is no useful in treatment but can bused as a proof-of-concept of for measurement in phase clinical studies.
rofessor Wim Van Paesschen	TDM of anti-epileptics such as ethosuximide for patients with daily and/or severe seizures.	TDM of ethosuximide would be of importance in the treatment of epilepsy and HEKcit could be used for personamedecine and research.
rofessor Diethard Monbaliu	TDM of cyclosporine used as a immunosuppressant after organ transplantation.	TDM of immunosuppressar is needed however cyclosporine is not frequently use anymore. Tacrolimus is the newest addition. Additionall our system could help verification patient compliance.

During the course of our project, we decided to proceed with the calcium, potassium and HCN channel. This means that using lithium in our project was no longer possible. However, for future research sodium channels could also be implemented.

meetings

We first started doing experiments with ivabradine since this seemed the most logical step forward to change the rhythm. After the meeting with professor Sinnaeve and professor Van Paesschen, we decided to do parallel testing with ivabradine, as a proof-of concept, and ethosuximide, for societal relevance.

Not only did we start testing ethosuximide, also cyclosporine was added. We did not use tacrolimus for the simple reason that re-

garding our financial situation, this drug was to expensive to use in our research.