



Research Grant Report Form

Name and origin of applicants

Jesper Mosegaard, head of dept.
Alexandra Institute,
Aarhus, Denmark

Christian Naper, MD
Tissue Typing Laboratory
Rikshospitalet, Oslo, Norway

Mats Bengtsson, professor, MD
Tissue Typing Laboratory
Uppsala, Sweden

Tissue Typing Laboratory, Finnish Red Cross Blood Service
Helsinki, Finland

Bjarne K. Møller
Tissue Typing Laboratory
Aarhus, Denmark

Purpose granted

"Epitope-mapping of Anti-HLA cl. I and II Antibodies in Highly Sensitized Patients by Machine Learning"

Amount granted

148.686 DKK

Report of scientific progress

The project is ongoing.

The initial attempt to perform epitope-mapping by machine-learning in a support vector machine has been completed by programmers at the Alexandra Institute, and the results were inconclusive.

Our next approach involves the team behind IBM's Watson-algorithm, and the attached synopsis has been forwarded to the team.

We shall secure that Scandiatransplant is informed of the progress of the project.
