



COST Action CA21165

Personalized Medicine in Chronic Kidney Disease:
improved outcome based on Big Data (PerMediK)

Virtual STSM: Training in clustering algorithm developed by Mosaiques Diagnostics for proteomics data analysis and quantification.

Applicant: Manousos Makridakis

Host Institute: Mosaiques Diagnostics

Collaboration with: Dr. Maria Frantzi, Dr.
Marika Mokou

Supervision: Prof. Harald Mischak



Aim: Training in the use of a clustering algorithm developed by the team of Mosaiques Diagnostics:
Data analysis and protein identification



Main achievement: Higher number of protein identifications by utilizing the clustering approach leading to a substantial increase of proteome coverage.



Future Plans: Set up the bioinformatics analysis pipeline and run the clustering algorithm at BRFAA on new data sets obtained from different projects.