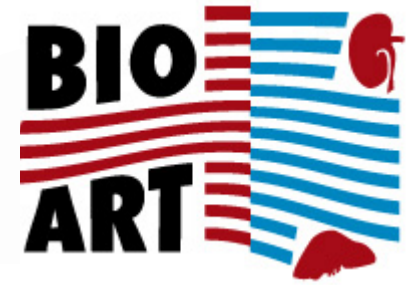


Basic knowledge on complementary disciplines



Surface Science and technology: theoretical / experimental aspects

Membrane transport phenomena (flux – selectivity – characterization)

Colloids and surface science

Membrane preparation, characterization module preparation (laboratory)

Basic aspects of material / membrane biocompatibility

Biomedical membrane applications

Membrane bio-artificial systems

Expansion / differentiation of human iPS cells, bioreactor design and assembling

Cell and Tissue Engineering

Stem cells research: Cellular therapy

