



Title: Translation of stem cell technology: which parameters make a difference?

Author: Prof. Dinko Mitrecic, MD, PhD

Laboratory for Stem Cells, Croatian Institute for Brain Research,
School of Medicine University of Zagreb, Croatia

Abstract:

Successful, reliable and reproducible method in treating of patients can only be established by well-designed protocols covering a whole range of tests starting from preclinical trials. What makes clinical trials often unsuccessful is a lack of standardization and a failure in reproducibility. That's why it is of uppermost importance to select carefully parameters which are needed to make distinction between a success and a failure.

In this presentation some examples of translation from preclinical to clinical trials will be discussed. We will present how selection of correct parameters was crucial in recognizing an effect of tested molecule DP1789-2 on both animal models and patients affected by amyotrophic lateral sclerosis.