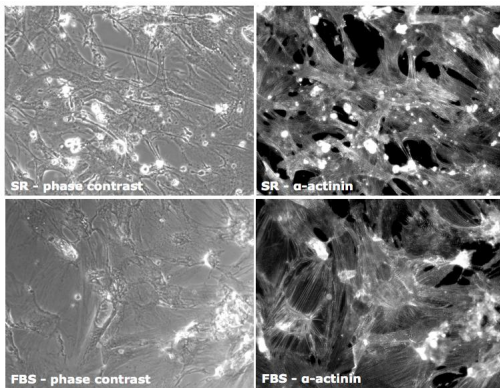


The Cor.At iPS are cardiomyocytes that have been generated from a mouse iPS line. The promoter constructs driving the resistancy-gene are identical to those that are used in the ES-derived Cor.At product line. Electrophysiological as well as toxicological experiments revealed a complete comparibility to the ES-derived cardiomyocytes.

Although the identical *in vitro* behavior the cells may provide a deeper insight in the fundamental differences between ES and iPS derived cells in future transplantation strategies.



Pure Cor.AT-iPS CL cardiomyocytes.
Cor.AT-iPS CL were cultivated for 14 days in medium containing 20% serum replacement (SR) or 20% FBS. Cardiomyocytes were fixed and stained with α -actinin antibodies (Sigma, A7811).