

SIRION BIOTECH

– a specialized service provider for preclinical target research

- **Viral vector platforms and specific transduction enhancers**
 - patented **adenovirus** vector platform (customized & premade AVs)
 - **constitutive** and **inducible lentivirus** vector platform (customized & premade LVs)
 - lentiviral vectors for cell pools with **highly uniform** gene expression
 - specific transduction enhancers **AdenoBOOST** (AVs) and **LentiBOOST** (LVs)

- **Strong expertise in RNAi**
 - RNAiONE – shRNA validation platform to guarantee near quantitative KDs
 - built-in RNAi control for target research

- **Cells by design in 2D and 3D**
 - tailor made assay cell models without limitations for target research and screening
 - SenCELL - next generation assay cell models with built-in reporter genes (e.g. Hypoxia, actin cytoskeleton)
 - VariCHECK – functional analysis of protein variants

- **Primary cell immortalization**

- **SIRION's competitive advantage**
 - **FASTER** for shortened time to market with customized cell models in just 6 weeks
 - **Better RELIABILITY** with confirmed phenotypes and guaranteed functionality
 - **RNAi ON-TARGET** control to minimize risk of target failure
 - **PREDICTIVE** with **KNOCKDOWN** levels of nearly 100%
 - **FLEXIBLE** with **INDIVIDUAL** working models