

## WHY CHOOSE US?

The strengths of the ABL / RD-BIOTECH partnership:

- Innovative and tailor-made bio-solutions
- Cost-efficient gene therapy biomanufacturing
- Complete platform for custom gene design and plasmid DNA bioproduction - from R&D to GMP grades
- Expertise in AAVs, lentiviral vectors and adenoviruses
- Seamless technology transfer from plasmid to viral vector
- 100% fee-for-service

FROM  
GMP pDNA PRODUCTION  
TO  
YOUR AAV/LVV-BASED  
GENE THERAPY

### ABL

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YOUR ONE-STOP-SHOP  
FROM GENE  
TO  
AAV/LVV DRUG PRODUCT



- Plasmid DNA design and engineering:
  - DNA synthesis
  - pDNA vector construction
- Bacterial cell banks
- Plasmid DNA biomanufacturing & QC: pDNA as starting material for a wide range of viral vectors, including AAV and lentivirus
- 3 levels of quality : R&D, High Quality & GMP grades From research to commercial phases



- AAV manufacturing process based on HEK293 cell line in suspension:
  - Process / analytical development and manufacturing of various AAV serotypes (including AAV2, AAV5, AAV6, AAV8 and AAV9) up to 200L scale
  - DoE approach to optimize the transfection parameters, to identify CPPs and define design space for a robust process
- LVV technology transfer for process scale-up and GMP manufacturing



**COMBINING THE EXPERTISE OF BOTH COMPANIES TO OFFER FLEXIBLE & TAILORED SERVICES**

**You only have the Gene of interest**  
 RD-BIOTECH will integrate it within Plasmid Backbones optimized for each AAV serotype, enabling ABL to develop and manufacture your AAV.

COMING SOON

**You have your own Plasmid sequence**  
 RD-BIOTECH will manufacture your plasmids. ABL will use them as raw material to produce your AAV and LVV.

**Whichever option you choose, we will adapt the business model to your needs and demands**