# Partnering with

# SERVIER



## Business Development is a key enabler of our 2030 ambition



Acquire/license late-stage assets (post PoC) in hemato-oncology and solid tumors targeting high medical needs and well-defined patient populations to reinforce our commercial leadership



Expand our pipeline in oncology and selected neuroscience or immunoinflammatory diseases with externally sourced research programs and early-stage clinical assets



Unlock the value of our assets through deals such as combination trials, codevelopment, out-licensing, co-financing, spin-offs...



Enrich our R&D capabilities with innovative technologies through flexible deal structures





#### Oncology

#### In Licensing

#### **Deal types**

Global rights as a priority or Regional (EU or USA followed by China or Japan)

#### **Discovery & Early-Stage Clinical Focus**

#### **Cancer cell targeting**

- Synthetic lethality
- Apoptosis
- Precision oncology
  - Biomarker-defined populations

#### Immuno-oncology

- Tumor immune micro-environment
  - T-cell targeting

#### Late-stage Clinical Focus

- Hematologic tumors (ALL, AML, MDS)
- Solid tumors (GI & CNS as a priority)

#### **Modalities**

• Small molecules and biologics (mAbs, bispecifics, ADCs)

#### Out Licensing

- Global or Regional
- Co-Development, Research Collaborations

#### Global BD \_\_\_\_\_



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#### Neuroscience

#### Pre-clinical & early-clinical stage

#### Indications: Rare neurological disorders

- Rare movement disorders exemplified by ataxias, Multiple System Atrophy, Huntington's Disease, Progressive Supranuclear Palsy
- Neuromuscular disorders exemplified by Amyotrophic Lateral Spinal Muscular Atrophy, Myasthenia Sclerosis. Gravis. Facioscapulohumeral muscular dystrophy, Duchenne Muscular Dystrophy, Dystrophic Myotony
- Refractory epilepsies exemplified by Lennox-Gastaut, Dravet, West, DEEs
- Generically driven ASD exemplified by Rett, Phelan McDermid, Angelman
- Leukodystrophies
- Peripheral neuropathies exemplified by Charcot-Marie-Tooth

#### Modalities and drug delivery

- Small molecules, Antisense Oligonucleotides (ASO), Antibodies
- Technologies improving brain delivery, biodistribution profile, cellular specificity targeting and BBB crossing after systemic administration (especially for ASO)





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#### Therapeutic modalities & technologies

#### Modality development strategies —

#### **Small Molecules**

- Kinase, PPi, Receptor modulators; Molecular Glues, Bifunctional molecules, Small molecule targeting RNA for targeted protein degradation/upregulation
- Targeted delivery: prodrugs/polymer drug conjugates/targeted Lipid Nano Particles, Exosomes, Extracellular Vesicles
- Compound Library

#### Oligonucleotides

- Novel Monomers, Antisense Oligonucleotide (ASO) design technologies, ASO-conjugates and drug delivery systems, targeted saRNA, selective cell ligand targeting for neuronal cell delivery
- Oligo-Manufacturing

#### **Antibodies**

- Novel Formats: Ab Fragments, Single Domain Antibodies, Bi-/ Multispecifics, optimized Fc domains
- Novel technology platform for Antibody Hard-to-Drug targets
- Synthetic antibody libraries
- ADCs linkage Chemistry/ Conditionally active antibody format

#### Al driven strategy

- AI/ML Data-Driven Platform to support Target ID, Lead Generation & Drug Design Prediction methods for Antibody optimization
- AI/ML for drug repositioning, indication expansion, clinical combinations

#### **R&D** Search & Evaluation



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#### Drug discoveries & development technologies

#### Phenotypic cell platforms & 3D models

- iPSCs, patient derived models
- Co-culture models
- Organoids, tumoroids (PDAC, CRC, other solid tumors)
- Organ on a Chip (liver, brain, kidney)

#### **Sample Optimization**

- Universal sample preparation
- Laser Capture Microdissection
- Single cell analysis ATAC (Assay for Transposase Accessible Chromatin)
- High throughput Mass Spectrometrybased proteomic analysis approach

#### **Protein Sciences**

- High throughput functional & stability antibody screening
- Antigen specific Immuno-Oncology assays
- Microfluidic or micro arraytechnology Bcell workflow
- Multi-protein production
- High throughput Mass Spectrometrybasedproteomicanalysisapproach
- Mass Spectrometry target

#### **Liquid Biopsies**

- Circulating tumor DNA (ctDNA) and Methylation assay development
- Circulating Tumor Cells (CTC)
- Exosomes or Extracellar Vesicle extraction from Blood for Biomarker Identification.
- Technology to improve sensitivity
- Computational methods for Next-Generation Sequencing



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#### Imaging

- High content imaging (tissues/cells) and analysis
- Multimodal platforms Multiplexing, Spatial multiOmics Strategy, Spatial Phenotypic quantification
- In vivo visualization of antisense oligonucleotides (ASO) biodistribution
- ASO tolerability assays

#### **Flow Chemistry**

- Multistep synthesis
- Photochemistry, Electrochemistry
- Automation of downstream process (quenching, phase separation, distillation)
- Continuous crystallisation/drying/milling
- In line analysis.
- Continuous manufacturing in Pharma

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