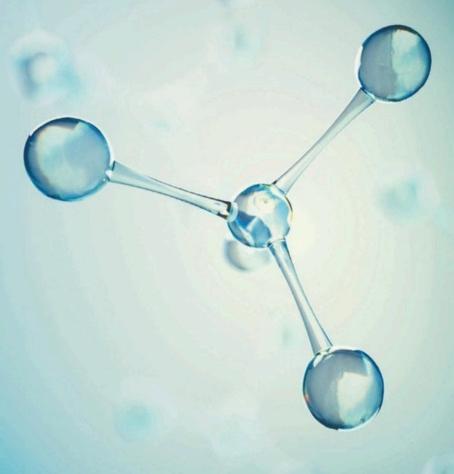
# MODIFIED PHOSPHORAMIDITES





### **BUSINESS MODEL AND TRACK RECORDS**

#### COLLABORATIVE ASO DRUG DISCOVERY



And so on...

#### LICENSING OF XNAs TECHNOLOGY



### **OWN DRUG DEVELOPMENT, GO FOR ASSET LICENSE**

ALS / TRIPLET REPEAT DISEASE

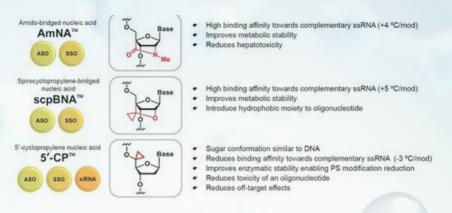
SPINAL CORD INJURY

OPHTHALMOLOGICAL DISEASE

## CONTRIBUTION TO YOUR ASO DRUG DEVELOPMENT

•	Licensing of Areas technology on a gene-by-gene basis	
	You have in-house resources for oligonucleotide drug development, but there are issues that you cannot solve on your own	Luxna offers XNAs technology out-licensing opportunity, start with an MTA for evaluation or an exclusive technology licensing agreement.
2	. Collaborative drug discovery	
	You have good candidate antisense but you need better tox and efficacy profile	Collaborative research for "Lead Optimization"
	You have good target gene of genetic disorder or other specific overexpression for treatment	Collaborative discovery from "Screening"
3	. In-house drug development -> Asset licensing	
	You are looking for drug candidate	Collaborative development or asset licensing of our in-house developed pipelines

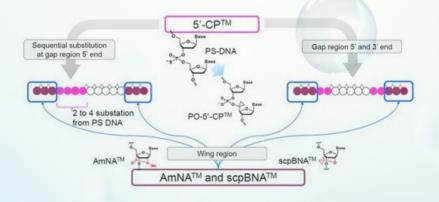
### NEW PHOSPHORAMIDITES FOR OLIGONUCLEOTIDE SYNTHESIS



Luxna XNAs are available from its collaboration partner, Summit Pharmaceuticals International Corporation (SPI)



# RECOMMENDED INCORPORATION OF XNAs [GAPMER]



Combined incorporation of Luxna XMAs enables to produce suitable ASO gapmer

