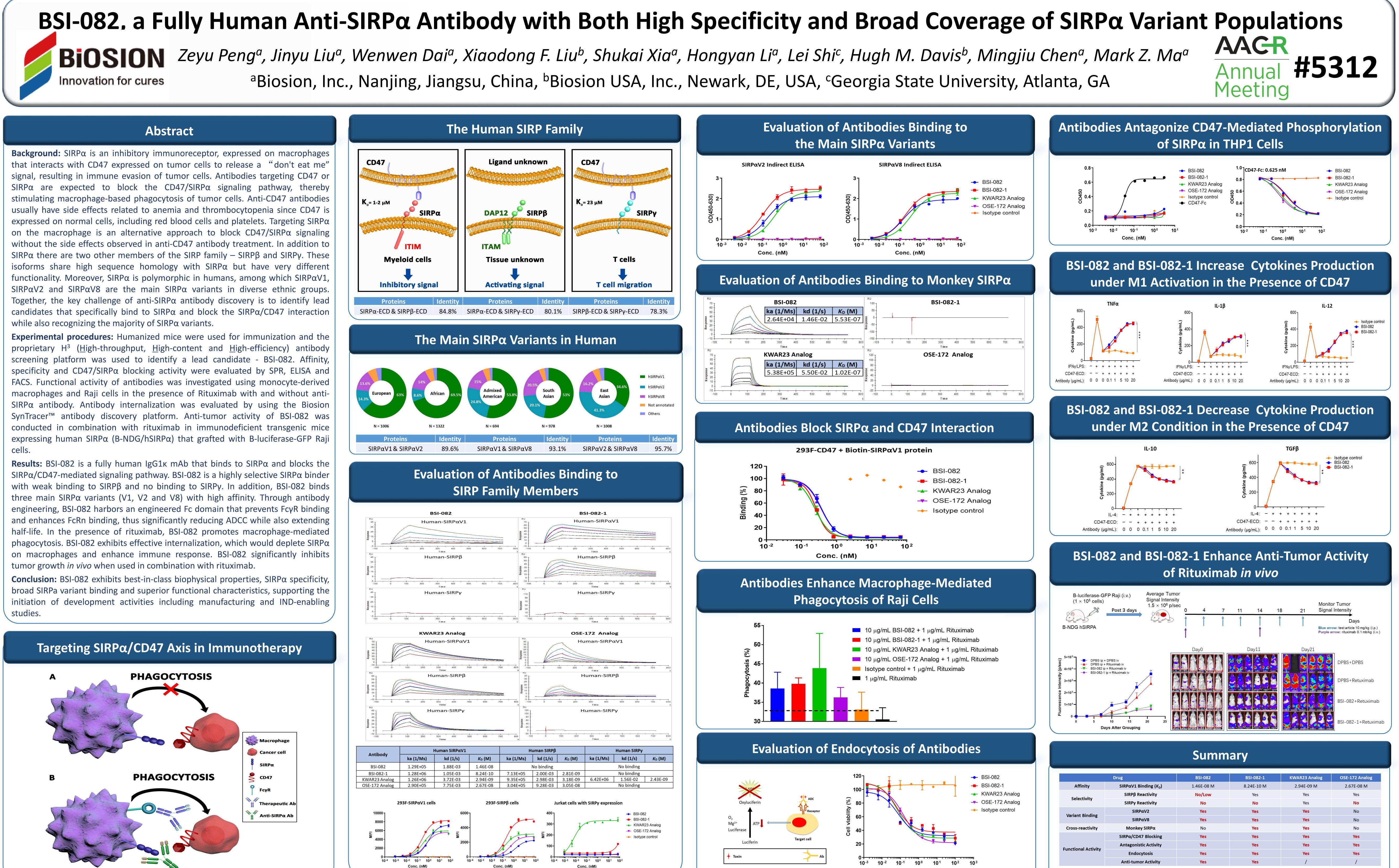
Together, the key challenge of anti-SIRP $\alpha$  antibody discovery is to identify lead



Drug		BSI-082	BSI-082-1	KWAR23 Analog	OSE-172 Analog
Affinity	SIRP $\alpha$ V1 Binding ( $K_D$ )	1.46E-08 M	8.24E-10 M	2.94E-09 M	2.67E-08 M
Selectivity	SIRPB Reactivity	No/Low	Yes	Yes	Yes
	SIRPy Reactivity	Νο	No	Yes	Νο
Variant Binding	SIRPaV2	Yes	Yes	Yes	No
	SIRPaV8	Yes	Yes	Yes	No
Cross-reactivity	Monkey SIRPa	No	Yes	Yes	No
Functional Activity	SIRPa/CD47 Blocking	Yes	Yes	Yes	Yes
	Antagonistic Activity	Yes	Yes	Yes	Yes
	Endocytosis	Yes	Yes	Yes	Yes
	Anti-tumor Activity	Yes	Yes	/	/

Note: Red – favorable characteristics

Conc. (nM)