

Therapeutic antibodies in Menarini' Pipeline

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*Le nuove sfide della ricerca oncologica: verso una partnership tra Enti
Pubblici e Industria nella regione Lazio*

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Menarini Pipeline in Oncology

OXFORD
BioTherapeutics

OXFORD
BioTherapeutics

 CHUGAI

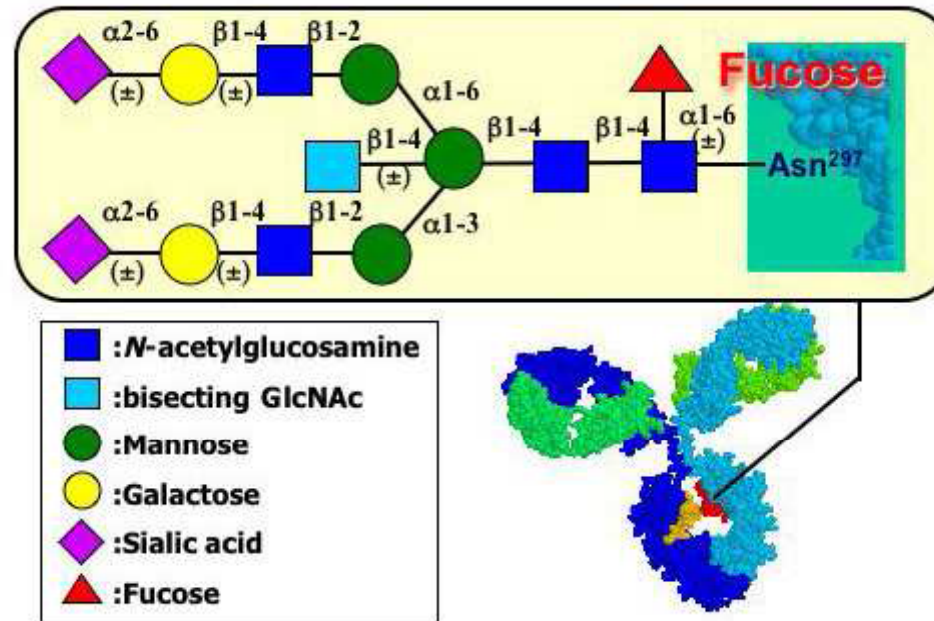
 Selvita

Compound	MoA	B/S	Leading Indication	Discovery	Preclinics	PhI	PhII	PhIII
MEN1112	ADCC	Biological	AML					
MEN1309	ADC	Biological	SOLID TUMORS					
			LYMPHOMA					
MEN1611	PI3K Inh	Small Molecule	SOLID TUMORS					
MEN1703	FLT3/Pim Inh	Small Molecule	AML					

MEN1112

MEN1112 : de-fucosylated antibody against Bst1/CD157

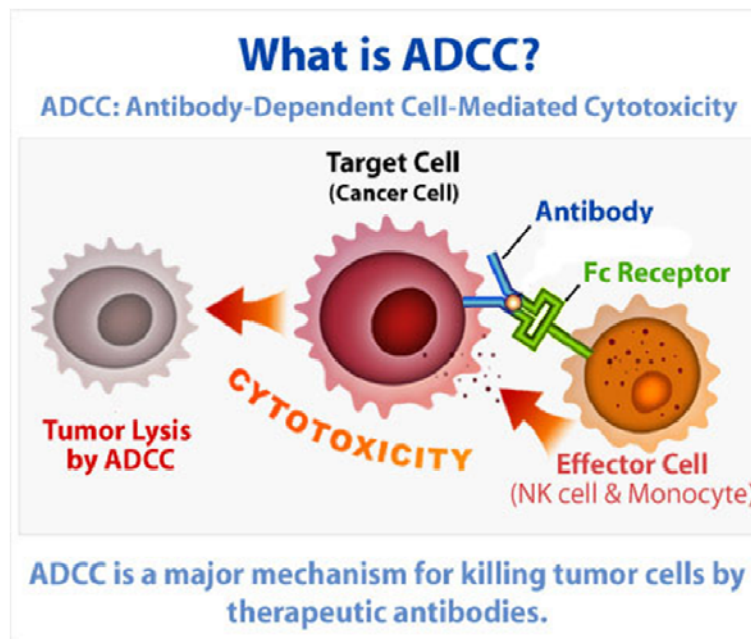
complex-type N-linked oligosaccharides



GlycoWord

MEN1112: Mechanism of action

- Very slow internalization of the antigen from cell surface and antibody de-fucosylation
 - IMPROVED ADCC



Translational research: collaboration with research centers

➤ in AML since:

- Expression in blasts from AML patients in PB and BM
- Expression in blasts at the diagnosis and at relapse
- Expression higher in monocytic blasts
- Potentially efficacy demonstrated ex-vivo in blasts from AML patients at clinically relevant doses

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MEN1112: First in Human study

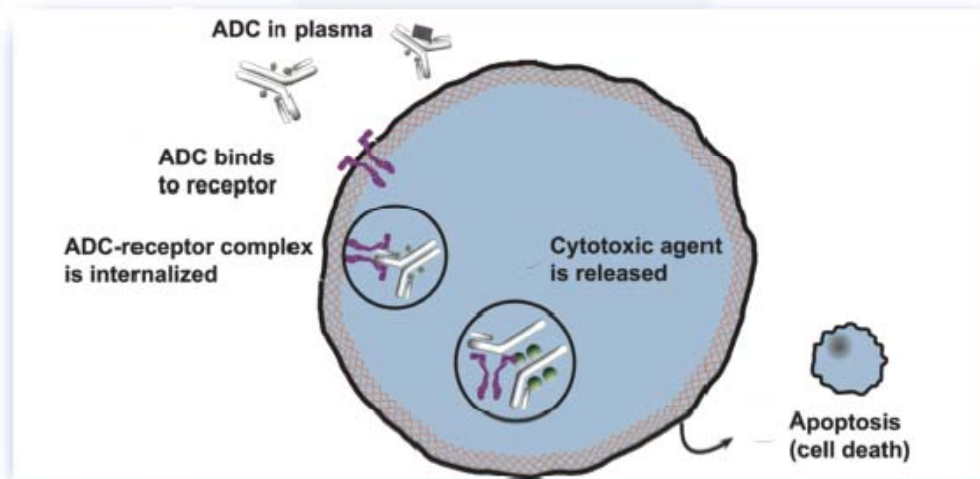


MEN1309

MEN1309: ADC against CD205

MEN1309 is a new **ADC** monoclonal antibody conjugated to a toxin...

...which acts as an intelligent weapon instructed to selectively deliver a potent payload to kill cancer cells

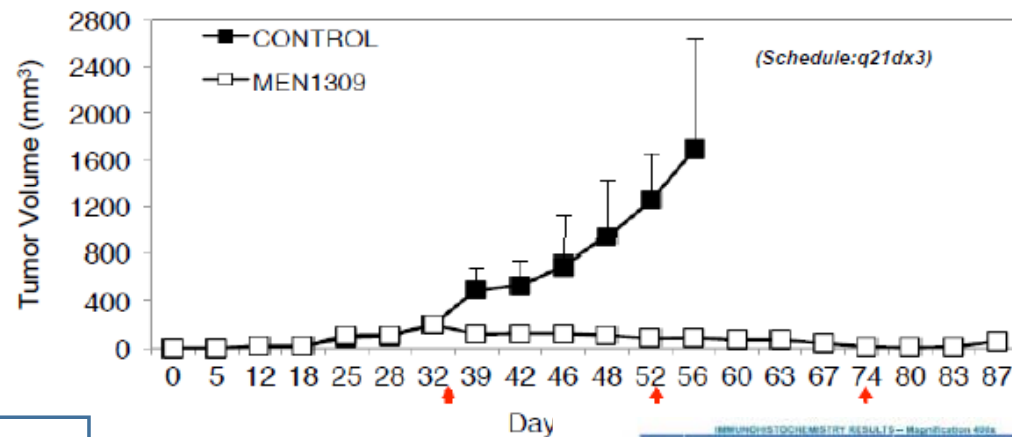


Translational Research: de-risking of MEN1309 development

- Prevalence of the antigen in different tumor types- fully annotated samples

- Models of clinical efficacy – PDXs

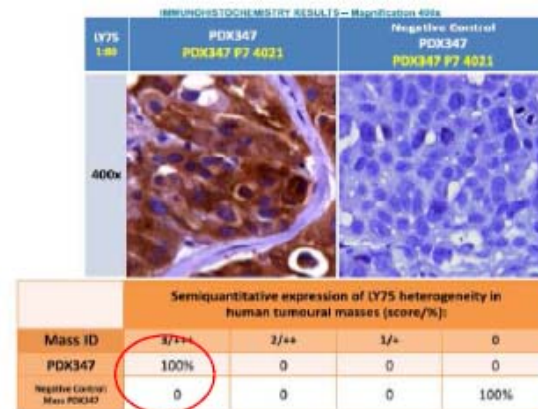
Translational Research: antitumor activity of MEN1309 in PDX model



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IOR
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MENARINI
RICERCHE

Thank you