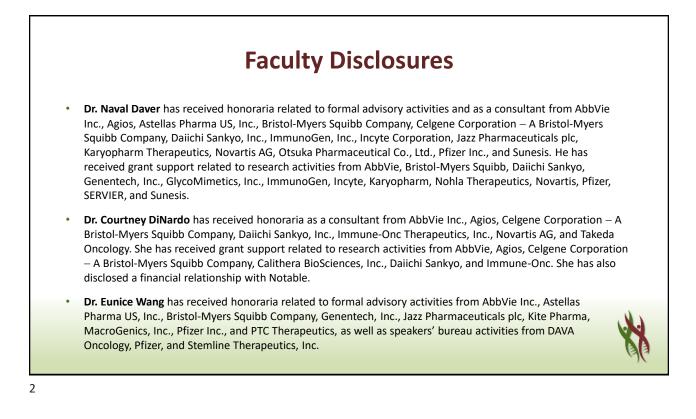
Managing **AML** Managing AML: Staying on Track in a Rapidly **Changing Treatment Landscape** Naval Daver, MD – Moderator Associate Professor Department of Leukemia The University of Texas MD Anderson Cancer Center Courtney D. DiNardo, MD, MSCE Eunice S. Wang, MD Houston. Texas Associate Professor Chief, Clinical Leukemia Service Department of Leukemia Professor, Department of Medicine **Division of Cancer Medicine Roswell Park Comprehensive Cancer Center** The University of Texas MD Anderson Cancer Center Buffalo, New York Houston, Texas

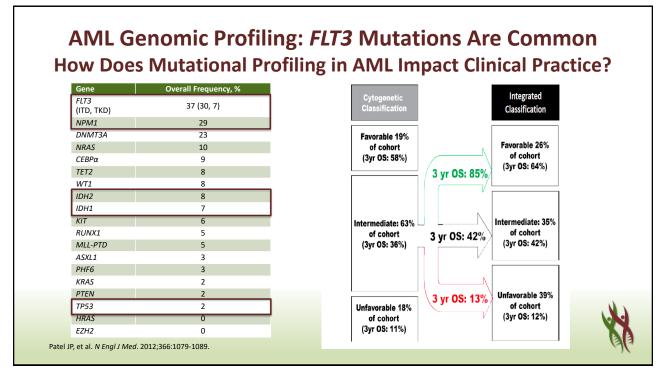




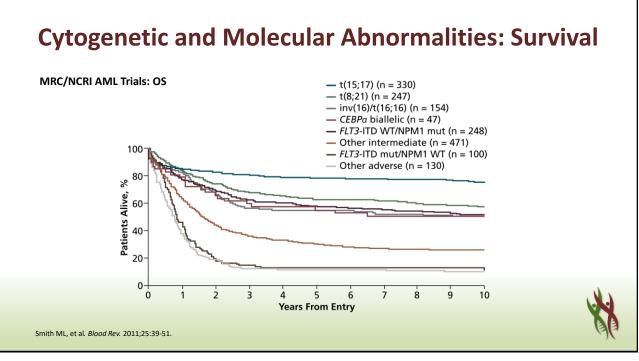
 The individuals listed below from MediCom Worldwide, Inc. reported the following for this activity: Joan Meyer, RN, MHA, Executive Director, Isabelle Vacher, Vice President of Educational Strategy, Wilma Guerra, Program Director, and Andrea Mathis, Project Manager, have no relevant financial relationships.





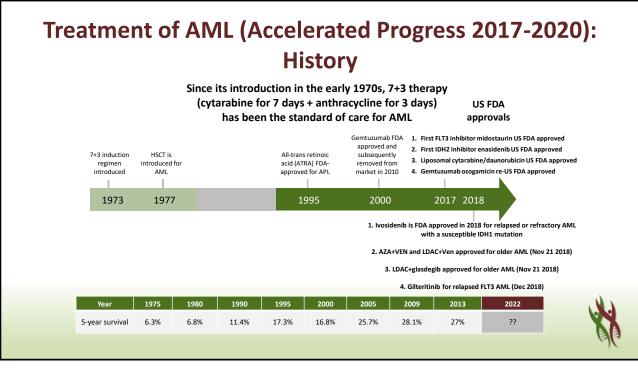


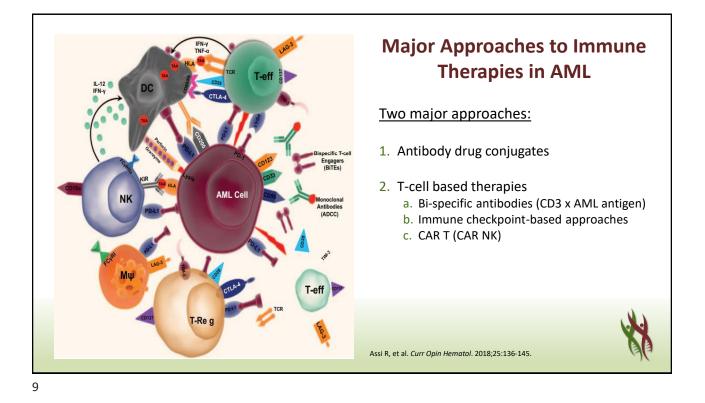
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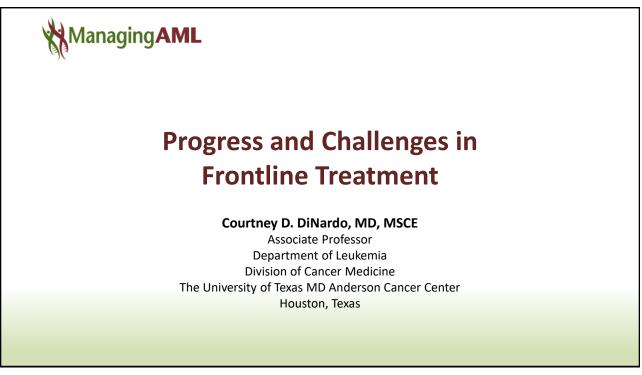


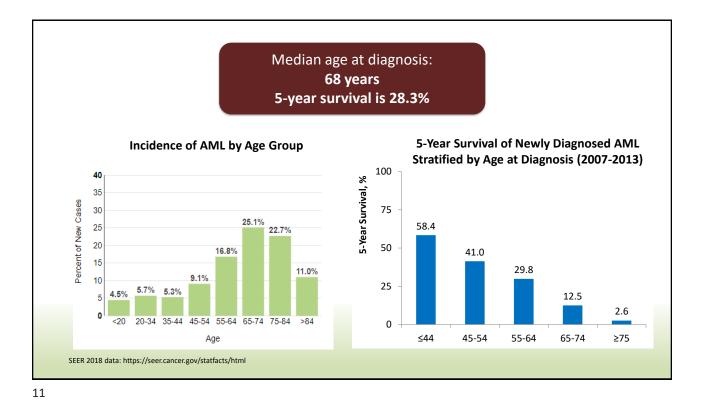
AML with <i>FLT3</i> internal	Impact on both therapy and prognosis		
tandem duplication	 Many <i>FLT3</i> kinase inhibitors explored in recent yearsnow several next-generation agents in development 		
<i>KIT</i> mutations in CBF AML	 KIT mutations found in 30%-35% of CBF AML cases, but rare in other AML subgroups 		
	In CBF AML, mutations cluster mainly in exons 8 and 17		
IDH mutations in AML	• IDH1/2 mutations confer a gain-of-function, including increased histone and DNA methylation and impaired cellular differentiation		
<i>Bcl</i> -2 as a therapeutic target in AM	erapeutic target in AML • Bcl-2 binds and sequesters pro-apoptotic molecules; inhibition of Bcl-2 primes cancer cells for death		
Epigenetic targets (EZH2, LSD1,	Novel agents on the horizon that target specific epigenetic pathways		
BRD, PRMT5, others)	These are in early clinical trial development		
TP53, C-CBL, MLL-Menin	Phase 1 clinical trials		

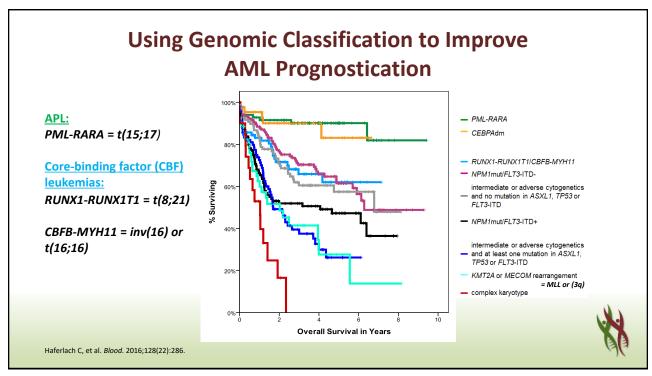
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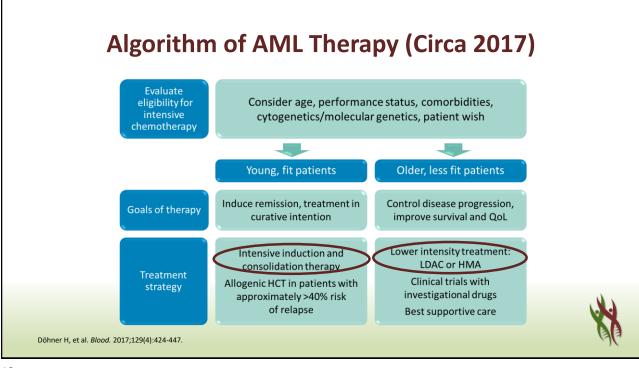




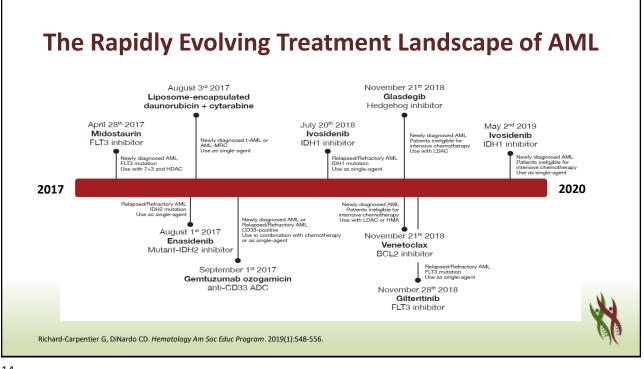


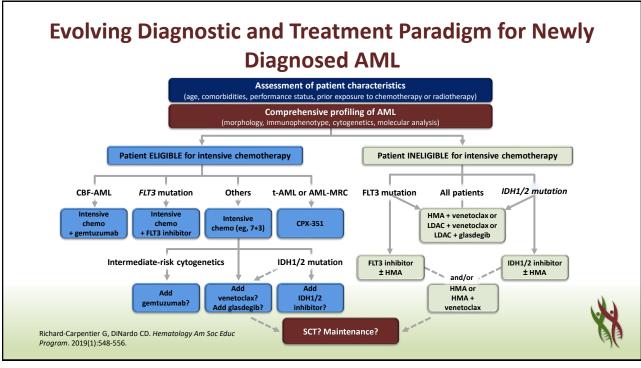


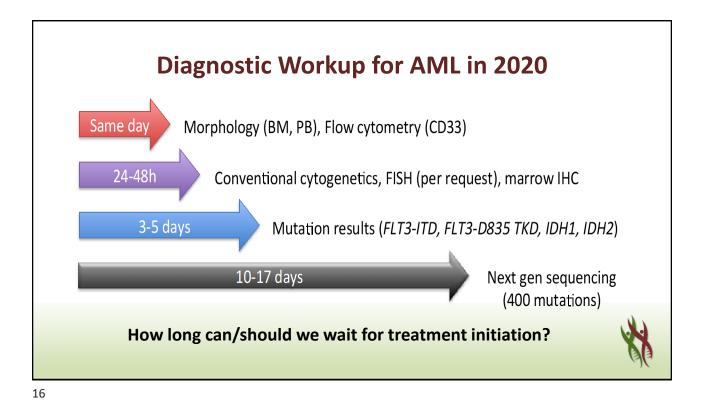


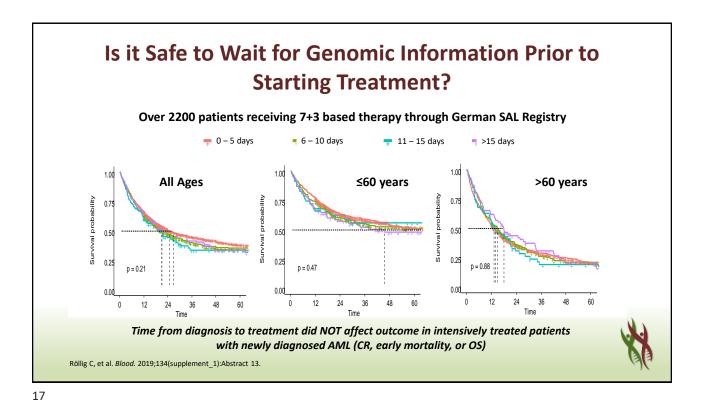


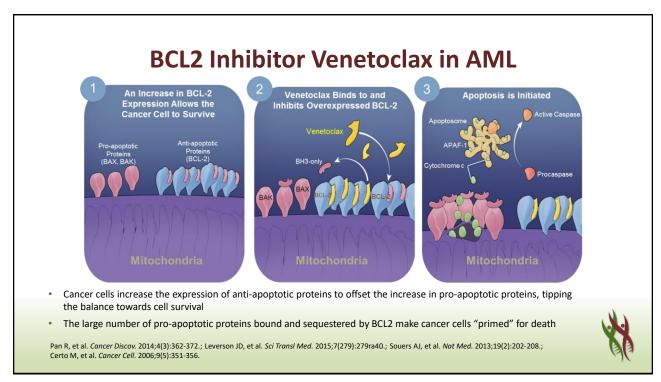
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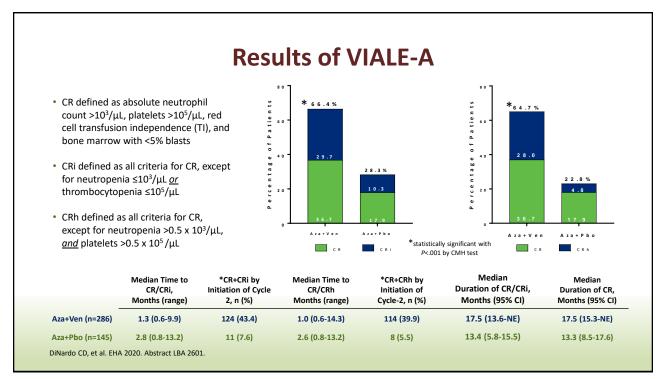


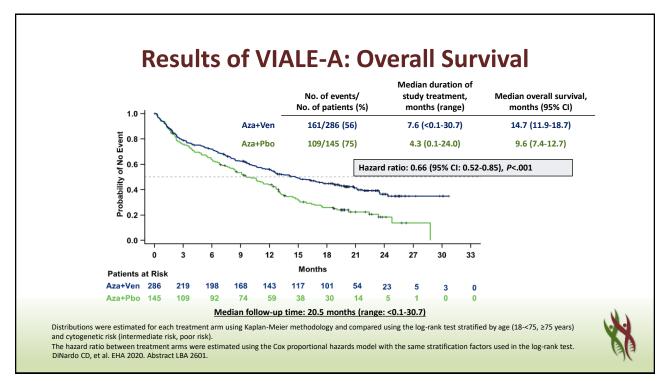




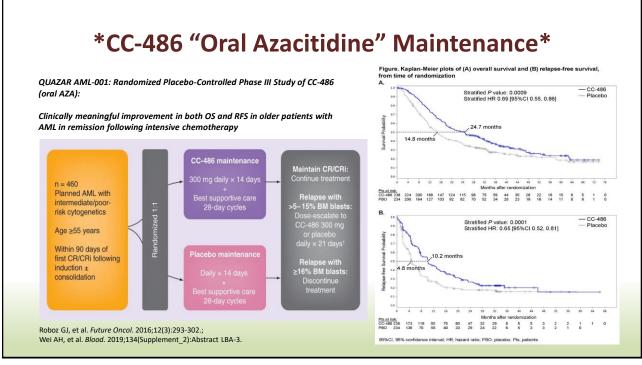
	-	nosed "Unfit	AIVIL	
HMA + Venetoc	400 mg ng/m² days 1–5 mg/m² days 1–7 Day 2 Days 3-28 ►►►	600 mg		 Criteria: Newly diagnosed Age ≥75 years OR ECOG 2-3 Cardiac, lung, live or renal disease
LDAC: 20 mg	g/m ² days 1—10 Day 2 Day 3	Days 4-28		

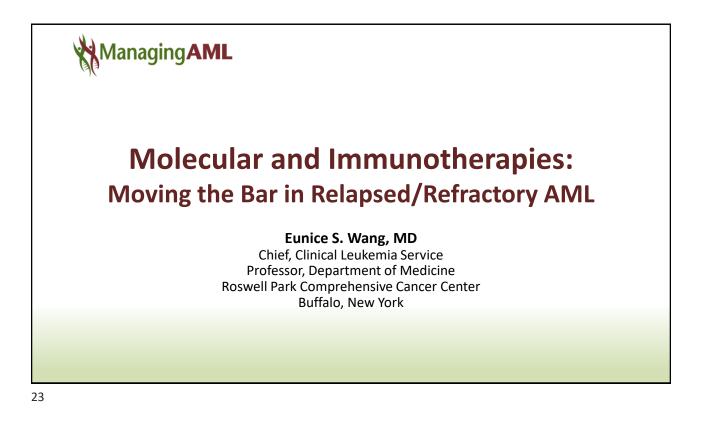
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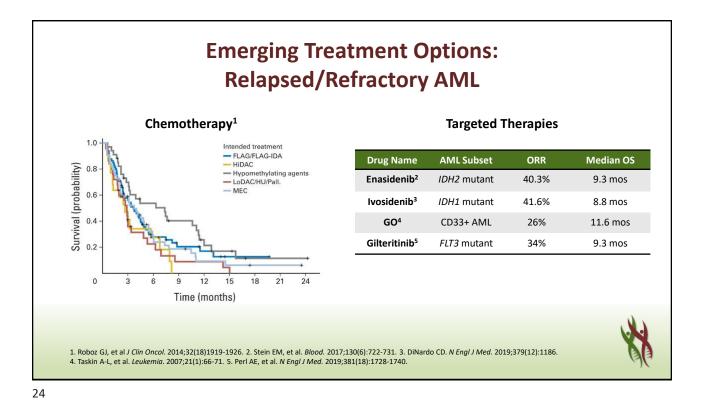


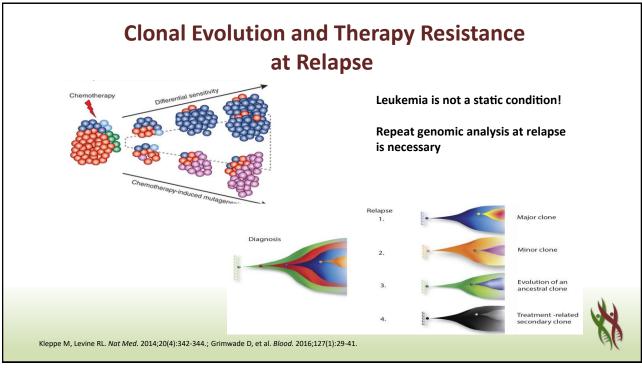


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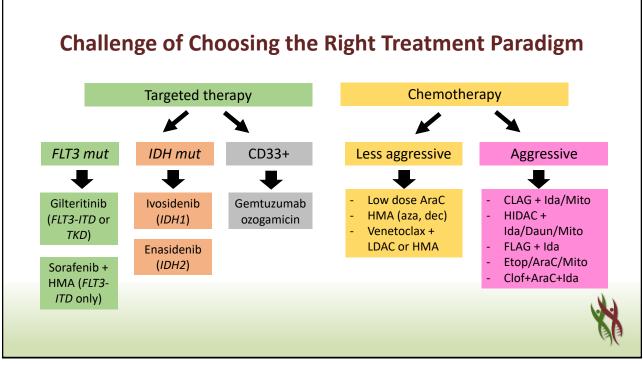


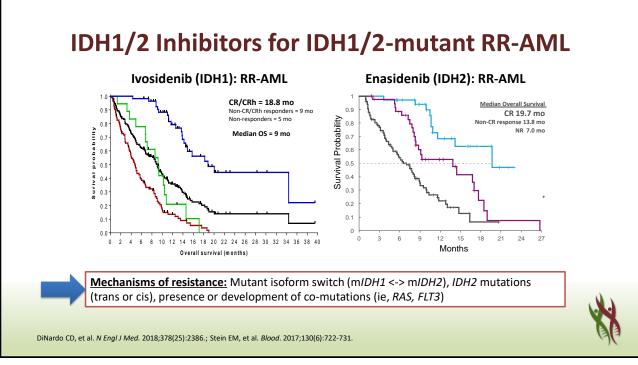




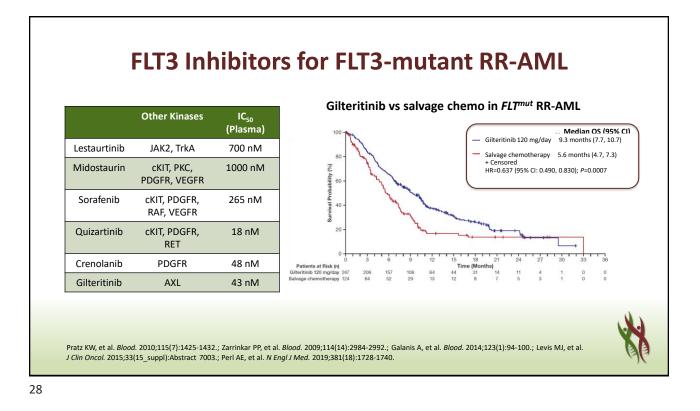


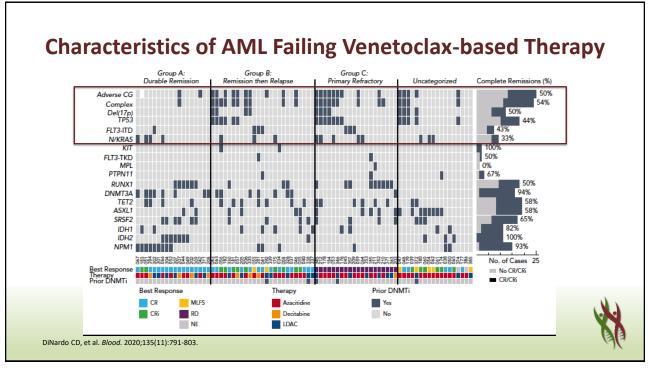
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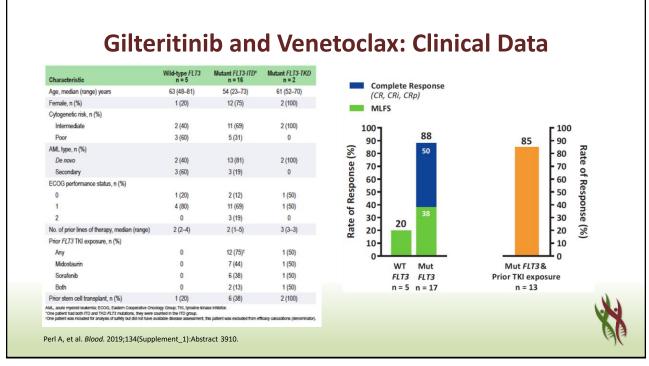


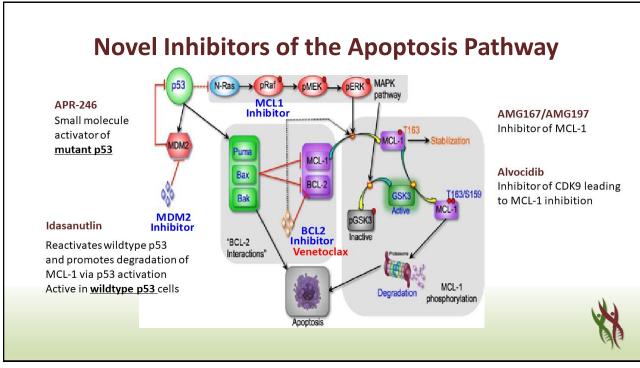


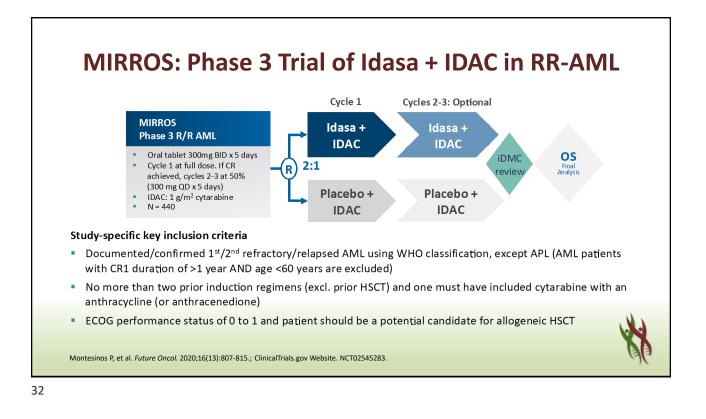


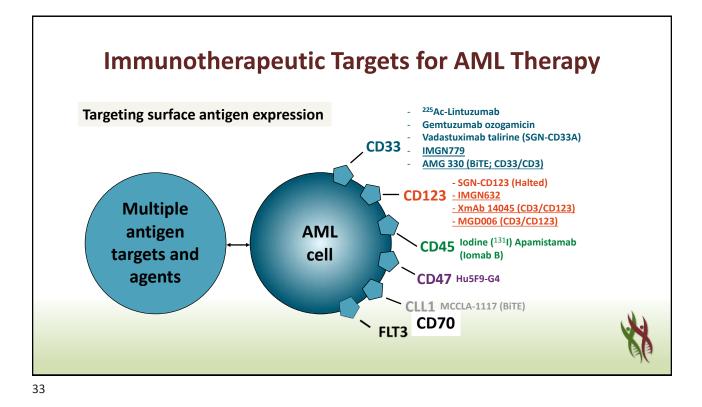


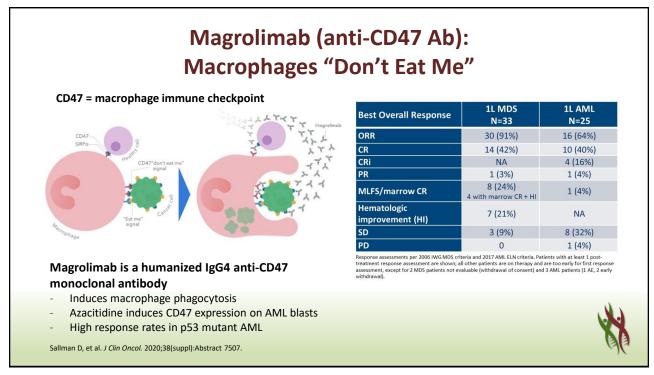


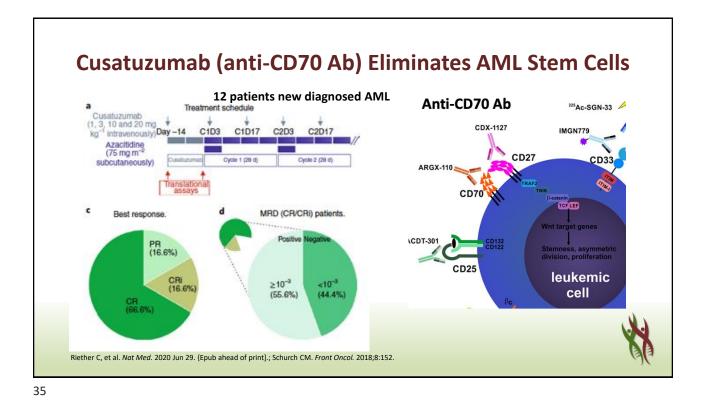


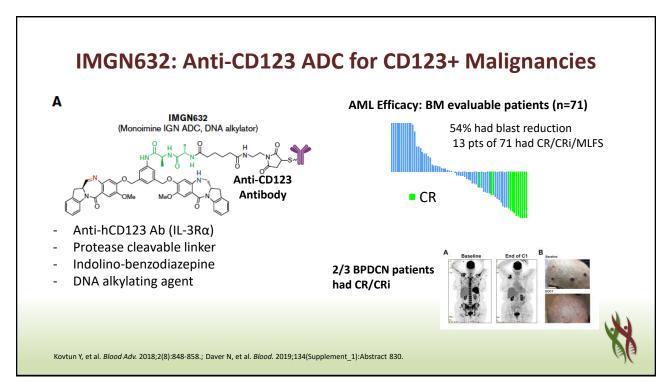


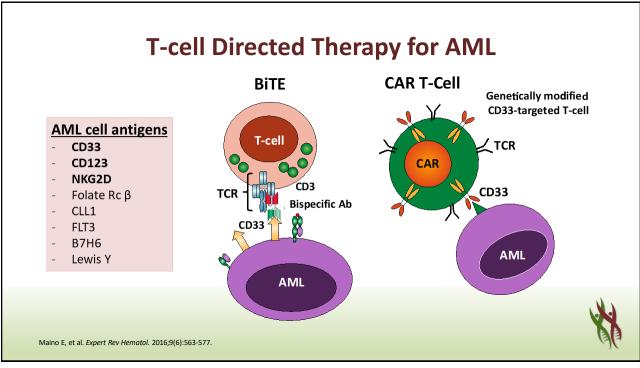












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