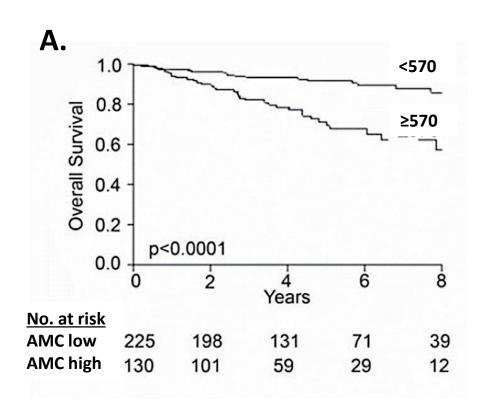
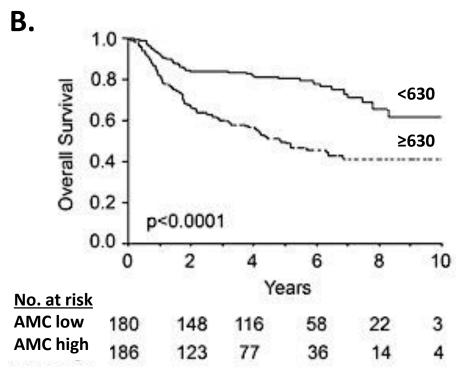
New Agents in DLBCL – Targeting Macrophages

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Professor of Medicine
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Mayo Clinic

Peripheral blood monocyte numbers are associated with prognosis

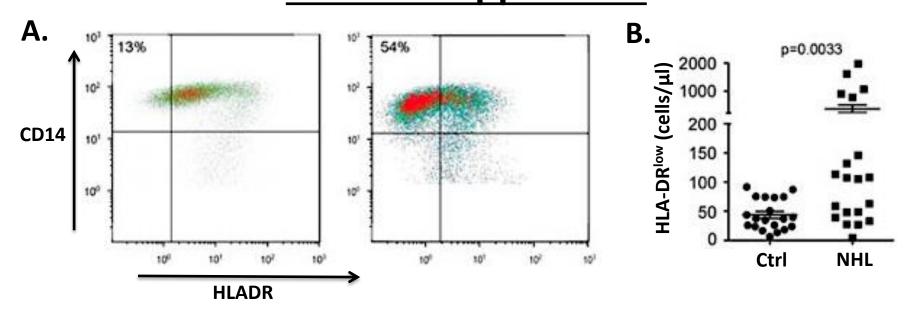


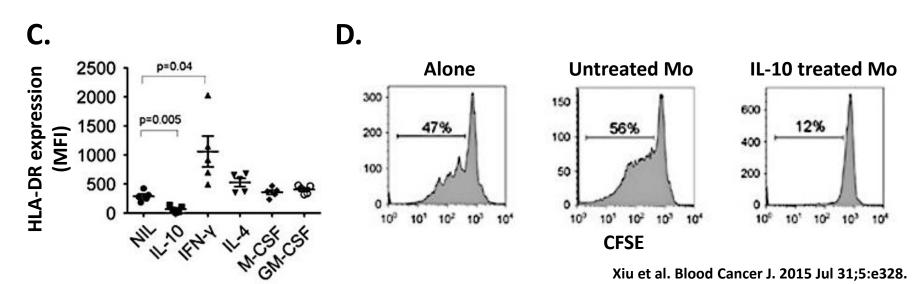


Follicular lymphoma

DLBCL

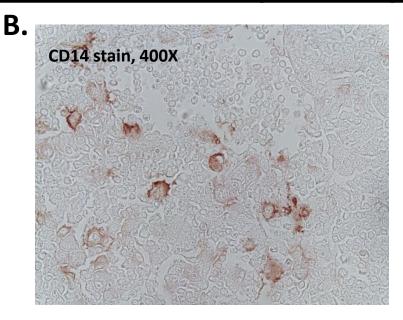
CD14+HLA-DR^{low} monocytes are associated with immunosuppression

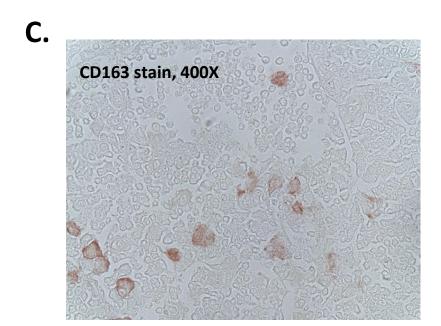


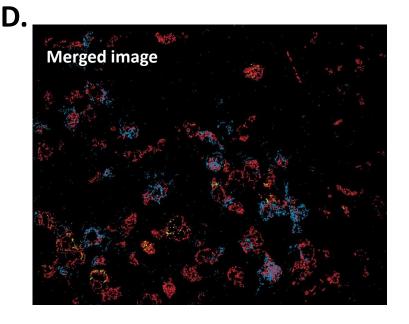


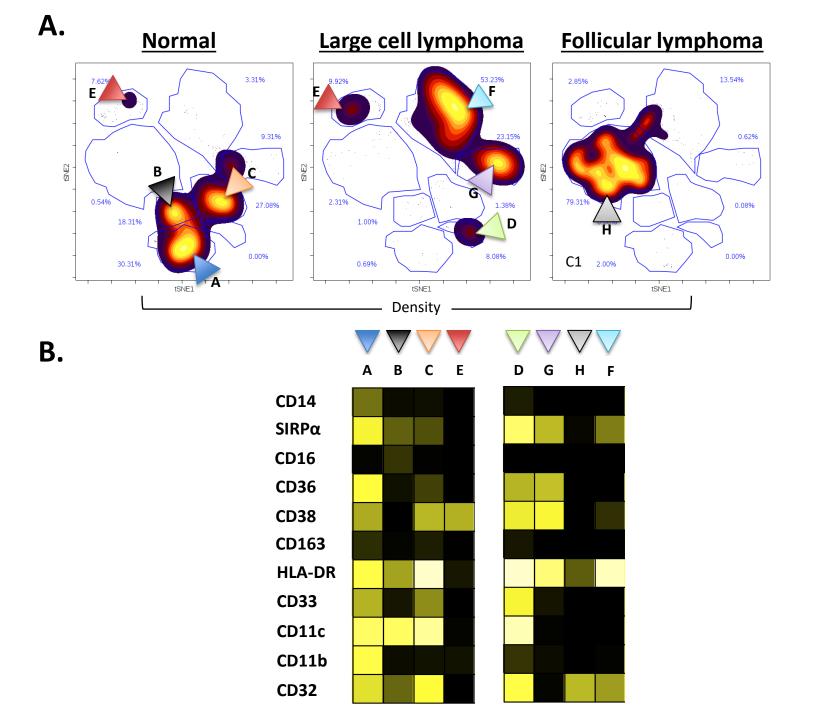
Intratumoral monocytes have a different phenotype

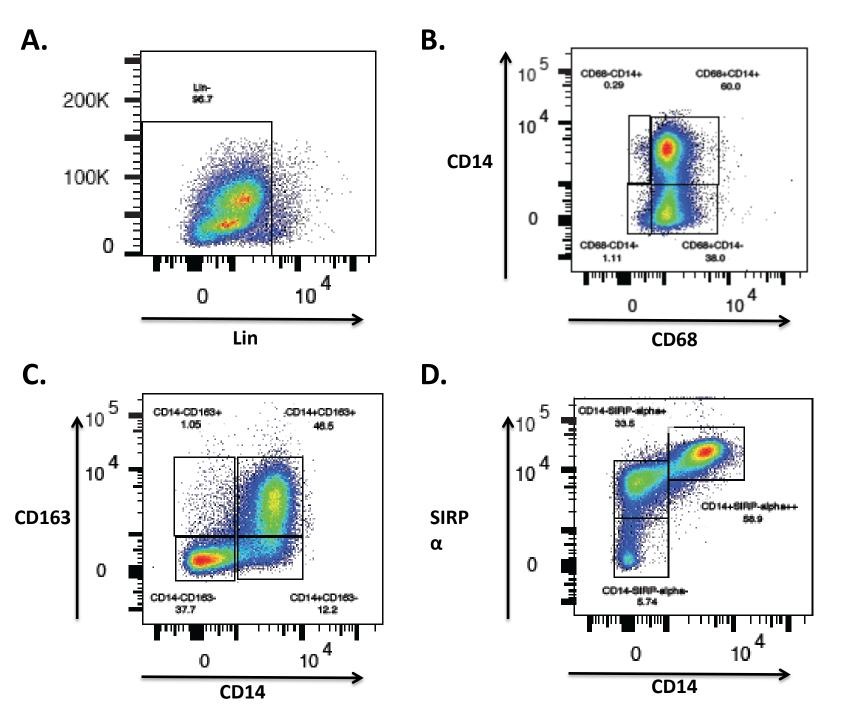
CD68 stain, 400X



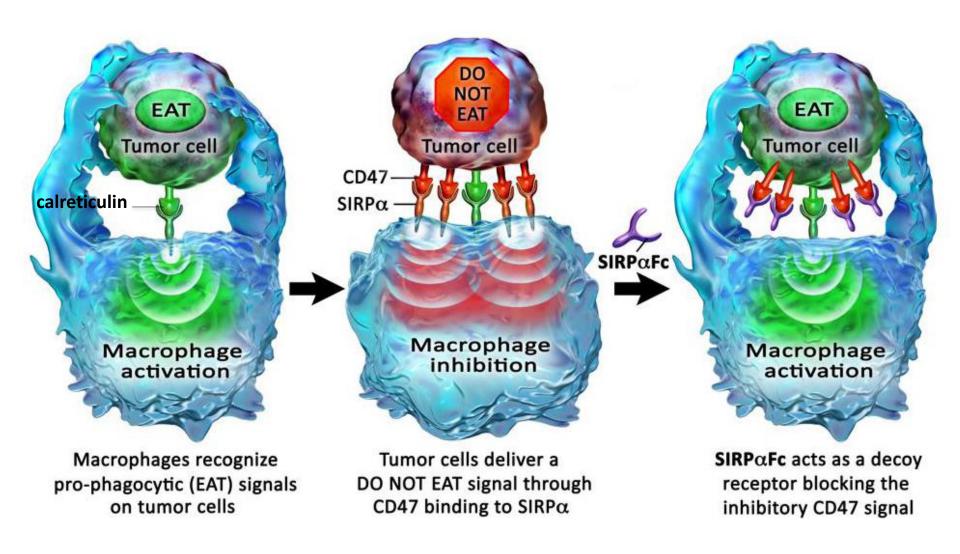






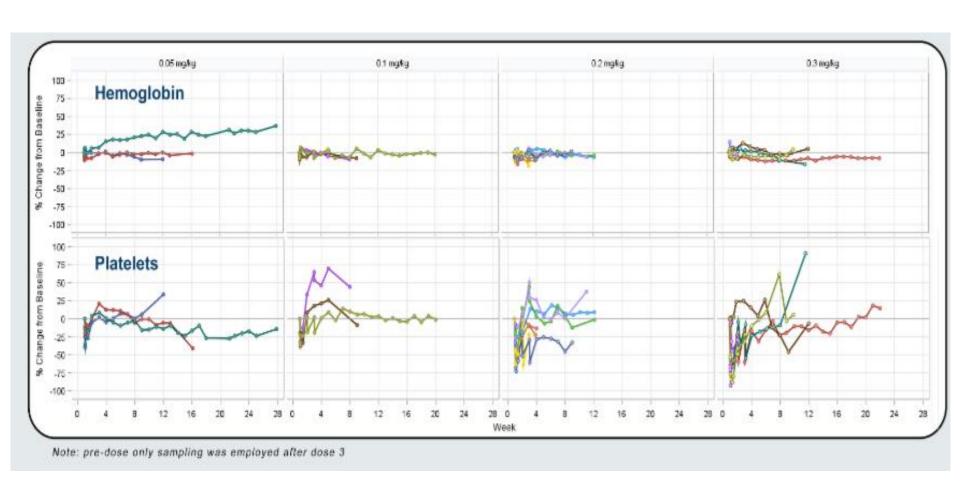


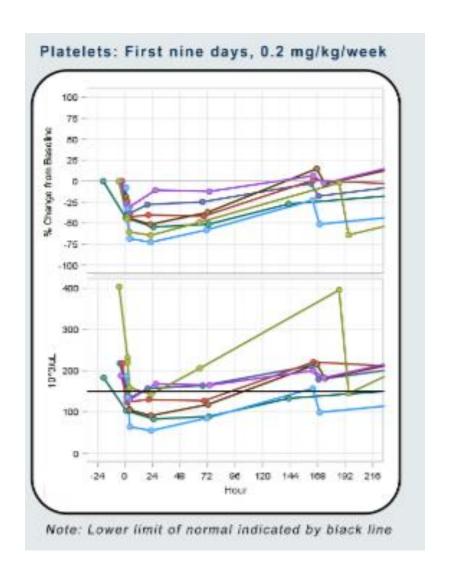
Mechanism of Phagocytosis

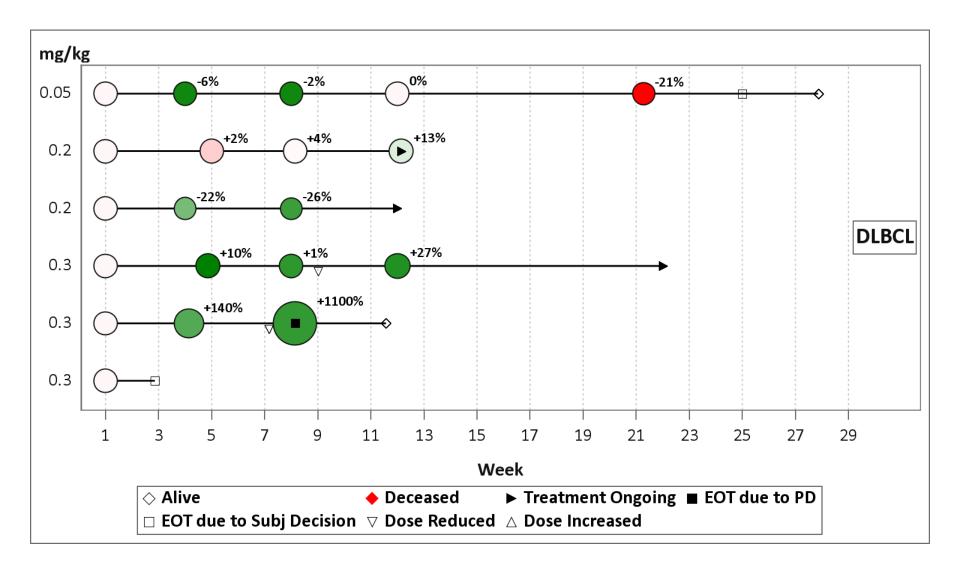


All Adverse Events* (N=18)	All Grades	Grade 3	Grade 4
Infusion-related reaction	11 (61%)	-	-
Fatigue	9 (50%)	-	-
Diarrhea	7 (39%)	1 (6%) [†]	-
Headache	5 (28%)	-	-
Thrombocytopenia	4 (22%)	1 (6%)	2 (11%)
Chills	3 (17%)	-	-
Constipation	3 (17%)	-	-
Hypophosphatemia	3 (17%)	3 (17%)	-
Nausea	3 (17%)	1 (6%) [†]	-
Back pain	2 (11%)	-	-
Cough	2 (11%)	-	-
Myalgia	2 (11%)	-	-
Pruritus	2 (11%)	-	-
Pyrexia	2 (11%)	-	-
Rash	2 (11%)	-	-
Vomiting	2 (11%)	1 (6%)	-

^{*}Adverse events of any causality in ≥ 2 patients †Unrelated self-limited gastroenteritis in 1 patient

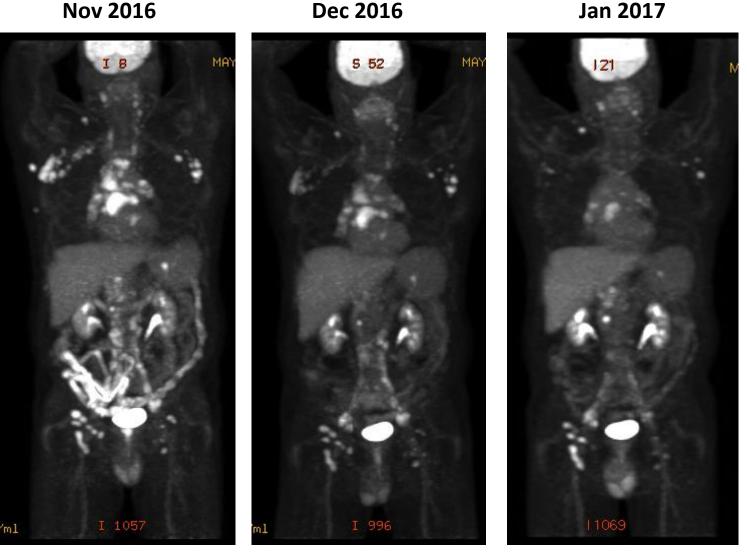






SIRPa-Fc + Rituximab

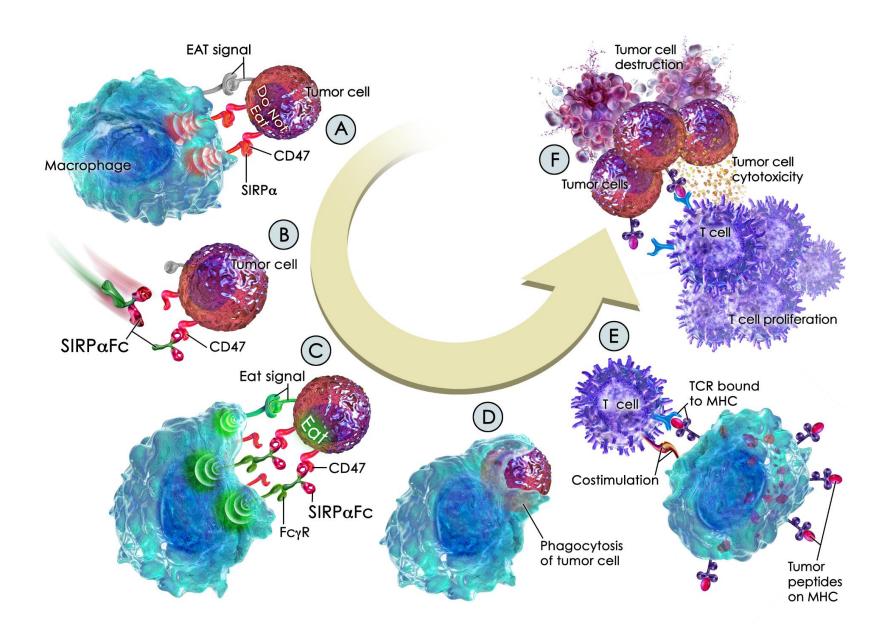
Initial Dx – transformed lymphoma



First-in-human, first-in-class phase I trial of the anti-CD47 antibody Hu5F9-G4 in patients with advanced cancers

- Adults with solid tumors Part A to determine the optimal Priming Dose, Part B to determine the optimal Maintenance Dose.
- 16 patients have been enrolled, 11 in Part A and 5 in Part B.
- In Part A, 1 mg/kg dose was selected as the Priming Dose.
- In Part B, the study is ongoing with the current cohort at 1 mg/kg followed by 10 mg/kg weekly.
- Hu5F9-G4-related AEs anemia (11 G1, 5 G2), hyperbilirubinemia (5 G1, 3 G2, 1 G3), headache (9 G1, 1 G2), nausea (3 G1), and retinal toxicity (1 G2).
- Most AEs were associated with the Priming Dose and were reversible.
- Two patients (adenoid cystic ca) had stable disease for 16 and 8 months.

Targeting CD47/SIRPα in Lymphoma



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