# 2025 DEBATES AND DIDACTICS in Hematology and Oncology



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## Update in the Management of Relapsed/Refractory PTCL: Focus on Recent Data and Upcoming Studies

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July 25, 2025





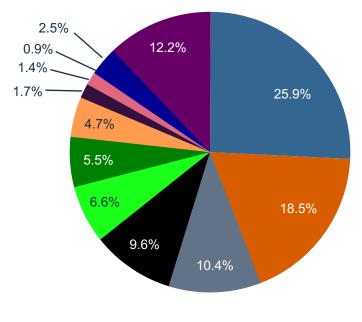


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#### **Disclosures**

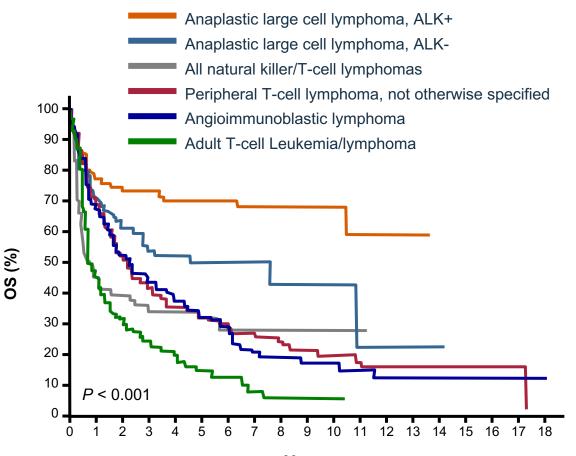
DSMB: Solgenix

## T-Cell Lymphomas: Heterogenous Diseases and Heterogenous Outcomes With a Similar Approach



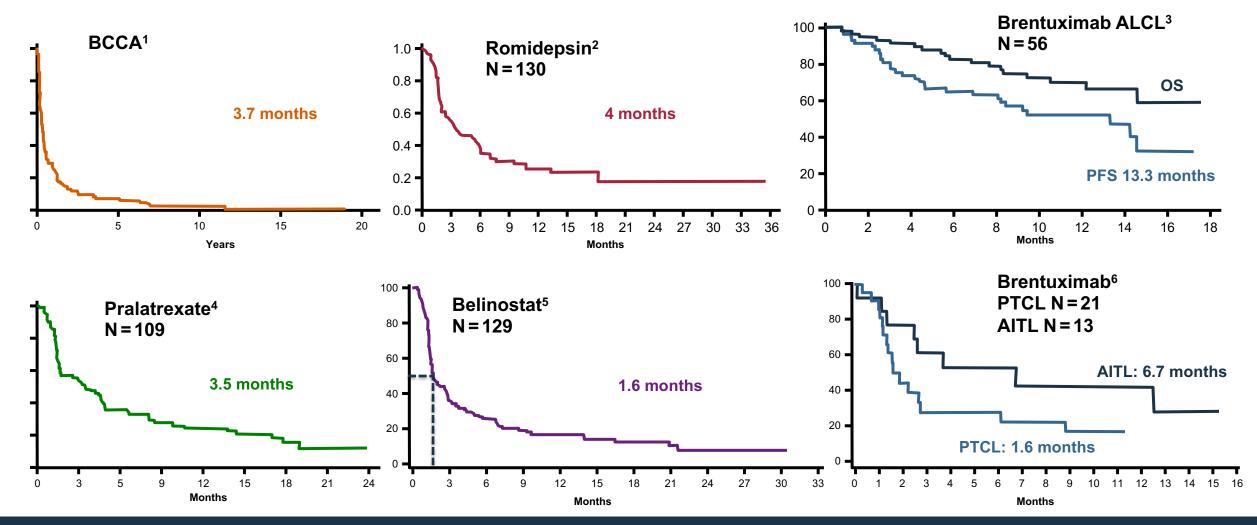
- Peripheral T-cell Lymphoma
- Angioimmunoblastic
- Natural killer/T-cell lymphoma
- Adult T-cell leukemia/lymphoma
- Anaplastic large cell lymphoma, ALK+
- Anaplastic large cell lymphoma, ALK-
- Enteropathy-type T-cell
- Primary cutaneous ALCL
- Hepatosplenic T-cell
- Subcutaneous panniculitis-like
- Unclassifiable PTCL
- Other disorders

Most patients were treated with anthracycline-based combination chemotherapy



Years

#### **PFS of Relapsed/Refractory PTCL**



BCCA is without newer approved therapies, but when those therapies are studied as all comers in PTCL, ORR is low (excepting ALCL). Therefore, the **median is driven by non-responders** and true clinical benefit is only for a minority of responders with a durable response.

1. Mak V, et al. J Clin Oncol. 2013;31(16):1970-1976. 2. Coiffier B, et al. J Clin Oncol. 2012;30:631-636. 3. Pro B, et al. J Clin Oncol. 2012;30(18):2190-2196. 4. O' Connor OA, et al. J Clin Oncol. 2011;29:1182-1189. 5. O'Connor OA, et al. J Clin Oncol. 2015;33(23):2492-2499. 6. Horwitz SM, et al. Blood. 2014;123(20):3095-3100.

#### FDA-Approved and Off-Label Standard Agents in PTCL

Outcomes	Belinostat <sup>1</sup>	Romidepsin <sup>2</sup>	Pralatrexate <sup>3</sup>	Brentuximab vedotin <sup>4</sup>	Lenalidomide <sup>5</sup>	Bendamustine <sup>6</sup>
Setting Approval Date	R/R PTCL July 2014	R/R PTCL* June 2011	R/R PTCL Sept. 2009	R/R ALCL Aug. 2011	R/R Off-label	R/R Off-label
Median prior Tx	2	2	3	2	—	≤3
ORR	26%	25%	29%	86%	22%	50%
CR	11%	15%	11%	59%	11%	28%
PR	15%	11%	18%	27%	11%	22%
Median duration of response	8.4	17 mos	10.1 mos	13.2 mos		3.5 mos
Median PFS	1.6	4 mos	3.5 mos	14.6 mos		3.6 mos

\*2021 withdrawn in US for R/R PTCL indication due to negative phase III study Ro-CHOP vs CHOP

• Crizotinib approved for pediatric patients (>1 year) and young adults with R/R ALK+ ALCL

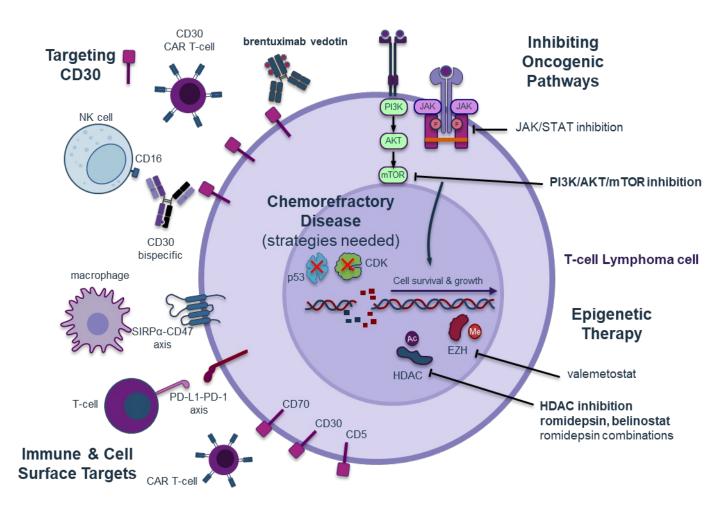
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<sup>1.</sup> O'Connor OA, et al. J Clin Oncol. 2015;33(23):2492-2499. 2. Coiffier B, et al. J Clin Oncol. 2012;30:631-636. 3. O' Connor OA, et al. J Clin Oncol. 2011;29:1182-1189. 4. Horwitz SM, et al. Blood. 2014;123(20):3095-3100. 5. Morschhauser F, et al. Eur J Cancer. 2013;49(13):2869-2876. 6. Damaj G, et al. J Clin Oncol. 2013;31(1):104-110.

## PTCL Genetics and Molecular Pathogenesis Help Explain Heterogeneity and Identify Therapeutic Targets

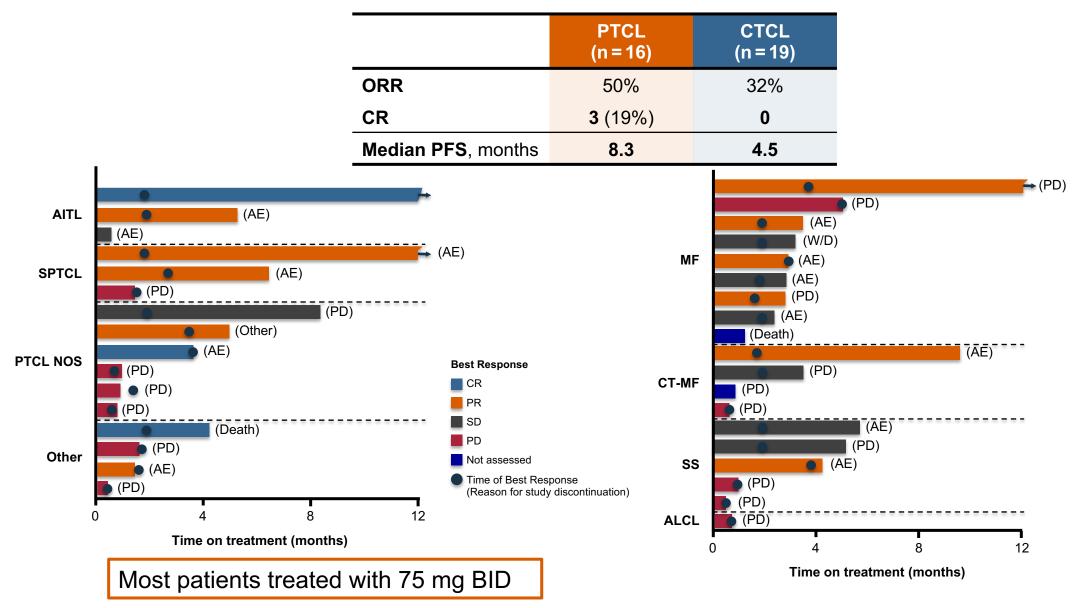
- Increasing understanding of biology of T-cell lymphomas<sup>1</sup>
  - AITL and TFH (T-follicular helper PTCL) develop on a background of epigenetic dysregulation
    - TET2, DMNT3A, IDH2, CHiP
- Aberrant T-cell receptor (TCR) signaling is common<sup>2</sup>
  - RHOA, VAV1, SYK
- Other signaling pathways are frequently dysregulated<sup>3</sup>
  - PI3K, JAK/STAT
- Alterations in tumor suppressor genes are common<sup>3</sup>
- Subtype-specific or subtype-independent<sup>3,4</sup>
- Aberrant signaling in pathways may converge or be present simultaneously<sup>3</sup>

#### **Other Targets in T-Cell Lymphoma**



- PI3Kα, PI3Kβ, PI3Kγ, PI3Kδ and PTEN were analyzed in 88 cases of PTCL and NKTCL<sup>1</sup>
- High expression of PI3K isoforms were found in all samples<sup>1</sup>
- High PI3Kα expression was linked to poor survival<sup>1</sup>
- Inhibition of PI3Kα and PI3Kδ isoforms resulted in suppression of tumor cell growth *in vitro* and *in vivo*<sup>1</sup>
- Examples of agents that target PI3K include **duvelisib** and **tenalisib**

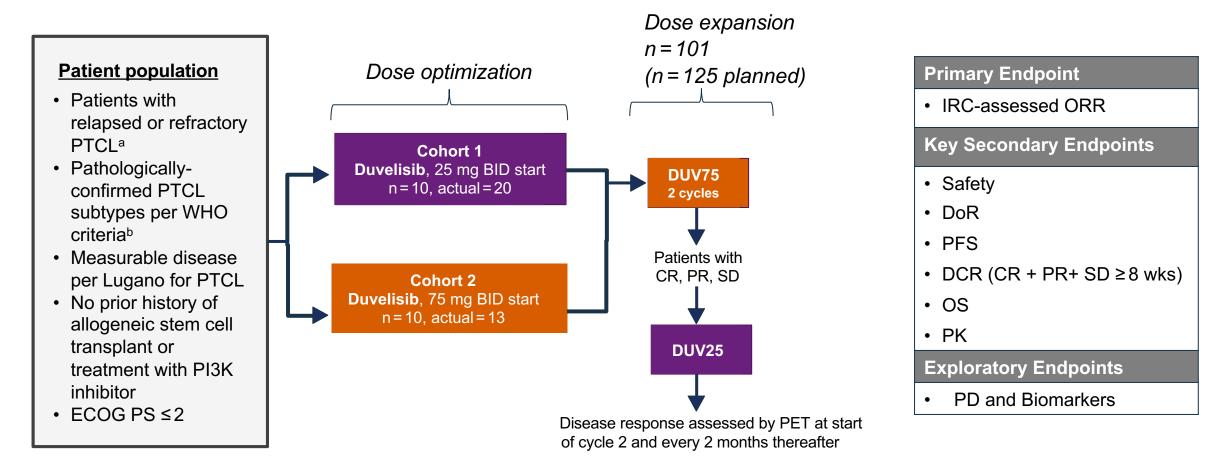
#### Phase 1 Study of Duvelisib: Results in T-Cell Lymphomas



Duvelisib is not FDA approved for PTCL

CR, complete response; PR, partial response; CTCL, cutaneous T-cell lymphoma; SD, stable disease; PD, progressive disease Horwitz, et al. *Blood*. 2018 Feb 22;131(8):888-898

## Phase 2 PRIMO Trial: Multicenter, Parallel Cohort, Open-Label Trial of Duvelisib in R/R PTCL



<sup>a</sup> Received ≥ 2 cycles of standard regimen and failed to achieve PR or better after ≥ 2 cycles, or failed to achieve CR after completion of standard therapy, or progressed after initial response. <sup>b</sup> After the dose optimization phase, the inclusion criteria for subtypes were broadened.

Duvelisib is not FDA approved for PTCL

DCR, disease control rate; PET, positron electron tomography; PD, progressive disease; PK, plasma concentration ClinicalTrials.gov. NCT03372057

#### Phase 2 PRIMO Trial: Duvelisib Monotherapy

- Median number of prior lines of therapy was 3 (range, 1–9)
  - CHOEP/EPOCH: 36.6%
  - CHOP/R-CHOP: 36.6%
  - Brentuximab vedotin/brentuximab vedotin–containing chemotherapy: 36.6%
  - Salvage chemotherapy after CHOP/R-CHOP or CHOEP/EPOCH: 37.6%
  - Autologous stem cell transplant 21.8%

Outcome	ALL PTCL (n = 101)
ORR	<b>48.5%</b> (95% CI, 38.8%–58.3%)
Best overall response, n (%)	
Complete response, n (%)	37%
<ul> <li>Partial response, n (%)</li> </ul>	14.9%
Median PFS by IRC (95% CI)	3.6 months (95% CI, 1.9–8.3)
Median DOR by IRC (95% CI)	7.7 months (95% CI, 5.5–9.4)
Median DOR for pts achieving CR (95% CI)	7.4 months (95% Cl, 6.4–NC)

DOR, duration of response; IRC, independent review committee; NC, not calculable; PFS, progression-free survival; PTCL, peripheral T-cell lymphoma Duvelisib is not FDA-approved for PTCL

Mehta-Shah N, et al. Hemasphere. 2023;7(Suppl ):e3891642.

#### Phase 2 PRIMO Trial: Duvelisib Monotherapy Response by Subtype

	PTCL-NOS (n = 52)	AITL (n = 30)	ALCL (n = 15)
ORR by baseline histology, n (%)	25/52 ( <b>48.1</b> )	20/30 ( <b>66.7</b> )	2/15 ( <b>13.3</b> )
Best overall response, n (%)			
Complete response, n (%)	14/52 (26.9)	16/30 (53.3)	2/15 (13.3)
Partial response, n (%)	11 (21.2)	4 (13.3)	NC
Median PFS by IRC, mos (95% CI)	3.4 (1.8, 8.1)	9.1 (6.2, NC)	1.5 (0.7, 1.7)
Median OS, mos (95% CI)	10.9 (5.1, NC)	15.5 (9.5, 18.0)	4.8 (1.7, 15.7)
Median time to response (range)	1.7 (1.7, 0.5)	1.8 (1.9, 0.5)	2.6 (2.6, 1.3)
Median DOR by IRC, mos (95% CI)	5.5 (2.0, 9.2)	8.8 (7.7, NC)	1.9 (1.9, 2.0)
Median DOR for pts achieving CR	7.4 (6.4, NC)	7.9 (3.3, NC)	1.9 (1.9, 2.0)

#### Phase 2 PRIMO Trial: Duvelisib Monotherapy TEAEs

The most common TEA	elevation	st was transaminase								
Adverse Event PRIMO-EP (N = 101)										
	Any TEAE*, %	Grade ≥3 TEAE, %								
Infections	38	10								
Colitis	1	0								
Cutaneous reactions	35	9								
Diarrhea	31	7								
Neutropenia	35	19								
Pneumonia	3	2								
Pneumonitis	2	1								
Transaminase elevation	44	23								

The most common TEAE of special interest was transaminase

\*With N=101, all *n* are the same as the percentages shown

TEAE, treatment-emergent adverse event; eg, an AE that emerges or worsens in the period from date of first dose to 30 days after the date of last dose

Duvelisib is not FDA-approved for PTCL

Zinzani PL, et al. Hemasphere. 2022;6(Suppl ):1058-1059.

<ul> <li>17 patients had a TEAE resulting in these were treatment-related</li> </ul>	n death; 3 of
<ul> <li>There were no additional TEAE dea with the prior (N = 78) interim analy</li> </ul>	
TEAEs <sup>^</sup> resulting in death	n
Pneumonitis*	1
EBV*	1
Sepsis*	1
GI hemorrhage	1
Febrile infection	1
Vascular dementia	1
Completed suicide	1
Progressive disease	10

\*TEAE, AE that emerges or worsens in the period from date of first dose to 30 days after the date of the last dose.\*TEAE with a relationship of possible, probable, or definite per investigator are considered related to study treatment

#### **Examples of Other PI3K Inhibitor Monotherapies**

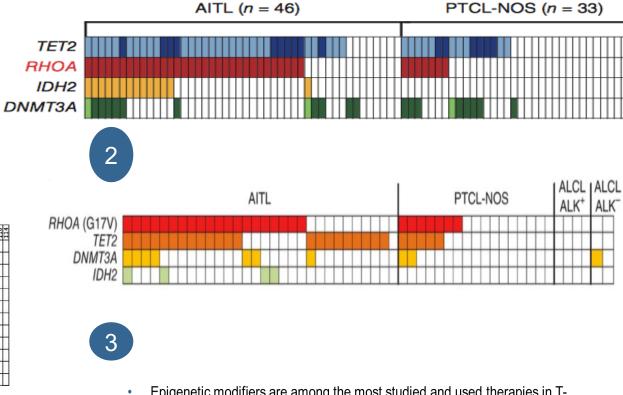
	Linperlisib <sup>1</sup>	Tenalisib <sup>2</sup>
Target	PI3Kd	ΡΙ3Κ δ/γ
Trial (Phase)	NCT04108325 (1b)	NCT02567656 (1/1b)
ORR/CR, %	60% / 35%	46.7% / 20% (PTCL subset)
mDoR	15 months (95%CI, 6.9–NE)	6.5 months (95% CI, 2.9–14.9) (PTCL subset)
mPFS	10 months (95%CI, 3.7– NE)	NR
AEs	<ul> <li>TRAEs: 39 of 43 pts (91%)</li> <li>Most common Grade ≥3 were neutropenia (21%), pneumonia (12%) and hypertriglyceridemia (7%)</li> </ul>	<ul> <li>Most frequently reported TEAEs were fatigue (45%), AST increase (36%), ALT increase (35%) and diarrhea (33%)</li> <li>Most common grade ≥3 TEAEs were transaminase elevations (21%), anemia (8.6%), neutropenia (6.9%) and hyponatremia (6.9%)</li> </ul>
		<ul> <li>Grade 4 related TEAEs included two events of ALT increase and one event of sepsis</li> </ul>

#### Genetic Drivers in Subtypes and Subgroups of PTCL

AITL and TFH subtypes of PTCL enriched for mutations in epigenetic modifiers: *TET2, DNMT3A, RHOA, IDH2* 

AITL ID	1	94	112	<u>117</u> 118	4 20	22	36	38	20	74	22	833	91	92	104	111	59	87	61	99	5	19	21	32	39	41	22	55	56	61	72	77	82	82	102	105	113	116	101	11	26	27	5.00	40	51	22	88	30	100	110
TET2																																								Π					Π				Π	Π
DNMT3A											Π																			Π					Π					Π									Π	
IDH2								Π			Π			Π		Π								Π			Π			Π	Π			Π	Π					Π							Π		Π	Π
EP300																								Π						Π					Π														Π	Π
TP53							Π	Π			Π			Π		Π		Π			Π			Π			Π			Π	Π	Π		Π	Π			Π									Π		Π	Π
PCLO								Π			Π			Π				Π			Π						Π			Π	П				Π			Π											Π	Π
STAT3								Π			Π			Π		Π		Π	Γ		Π			Π			Π			Π	Π							Π		Π									Π	Π
ARID1B								Π		Π	Π			Π		Π		Π	Γ		Π			Π			Π			Π	Π	Π						Π		Π							Π		Π	Π
APC								Π			Π			Π		Π		Π						Π			Π			Π	Π			Π	Π			Π		Π									Π	Π
DST					Π			Π	Τ		Π					Π		Π			Π									Π	Π				Π					Π				Π					Π	Π
CREBBP								Π			Π					Π		Π			Π						Π			Π	Π			Π	Π					Π							Π		Π	Π
JAK2																																																		



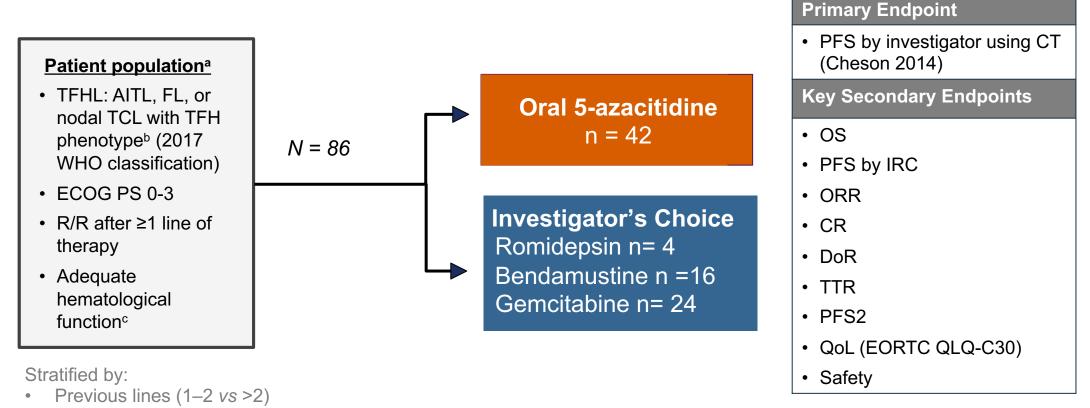


- Epigenetic modifiers are among the most studied and used therapies in Tcell lymphomas
- Examples include:
  - Histone deacetylase (HDAC) inhibitors
  - Inhibitors of DNA methyltransferase
  - EZH inhibitors (EZH1/EZH2)

Sundaravel S, et al. Semin Hematol. 2021;58(1):15-26

AITL, angioimmunoblastic T-cell lymphoma; TFH, T follicular helper; PTCL, peripheral T-cell lymphoma

#### Phase 3 Oracle Study: Oral Azacitidine vs Investigator's Choice



 Presence or absence of previous or concomitant MDS or CLL

<sup>a</sup> To reduce the risk of including patients with alternative diagnoses, pathology reports were systematically validated by one of the principal investigators before inclusion. Patients with CNS involvement, with inadequate renal or hepatic function, previously exposed to hypomethylating agents or investigator's choice of treatment were excluded

<sup>b</sup> Positive with two or more markers among CD10, BCL6, CXCL13, PD1, or ICOS)

CAbsolute neutrophil count ≥1.5 × 109 cells per L [≥1 × 109 cells per L if bone marrow involvement by lymphoma], platelet count ≥75 × 109 platelets per L [≥50 × 109 platelets per L if bone marrow involvement by lymphoma], and haemoglobin ≥8 g/dL

#### Phase 3 Oracle Study: Oral Azacitidine vs Investigator's Choice

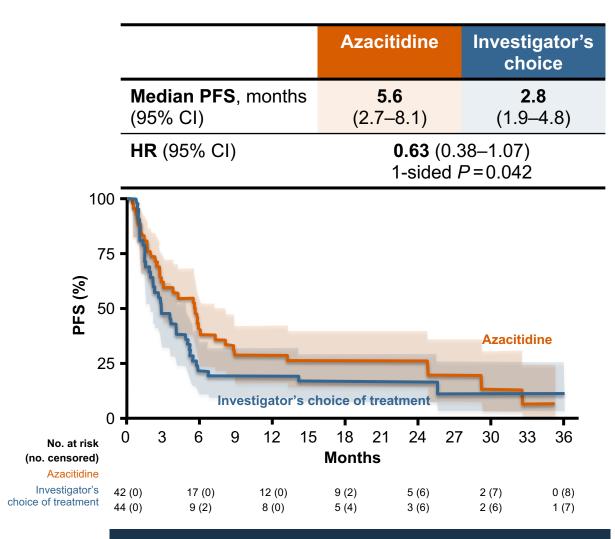
	Investigator's choice
n=42	n=44
-3)	
14 ( <b>33</b> ) [19.6–49.5]	19 ( <b>43.2</b> ) [28.3–59.9]
5 ( <b>11.9</b> ) [4–25.6]	10 ( <b>22.7</b> ) [11.5–37.8]
-6)	
13 ( <b>31</b> ) [17.6–47.1]	10 ( <b>22.7</b> ) [11.5–37.8]
5 ( <b>11.9</b> ) [4–25.6]	7 ( <b>15.9</b> ) [6.6–30.1]
	-3) 14 (33) [19.6-49.5] 5 (11.9) [4-25.6] -6) 13 (31) [17.6-47.1] 5 (11.9)

 32/42 (76%) patients in the azacitidine group vs 42/43 (98%) patients in the ICT group had grade 3–4 AEs

- The most common grade ≥ 3 AEs were hematological (67% vs 93%), infection (19% vs 33%), and gastrointestinal (12% vs 2%) for azacitidine and ICT, respectively
- There were 2 treatment-related deaths in the azacitidine group (one endocarditis and one candidiasis) and 3 in the ICT group (one heart failure, one COVID-19, and one cause unknown)

#### Phase 3 Oracle Study: Oral Azacitidine vs Investigator's Choice

choice of



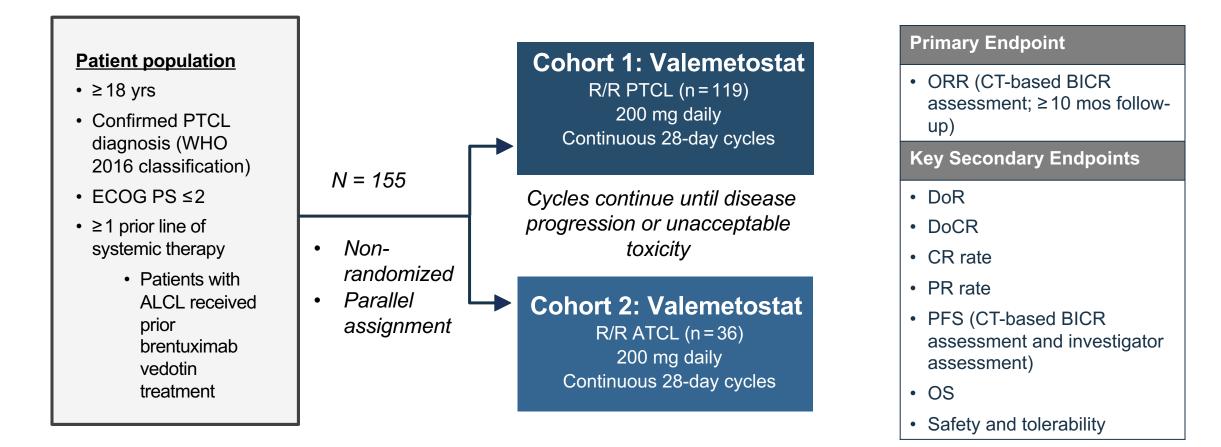
#### Primary endpoint: PFS based on local assessment

5-Azacitidine is not FDA approved for PTCL Dupuis J, et al. Lancet Haematol. 2024;11(6):e406-e414.

							Aza	citid	ine	h	nvest ch	tiga ioic	
		dian % C	I <b>OS</b> ,	mo	onths		(12.9	<b>18.4</b> 9–3´	1.5)			<b>0.3</b> 2–13	.5)
	HR	(95	% CI)	)				0.	<b>56</b> (0	.32-	-0.96	)	
(%) SO	75 <b>-</b> 50 <b>-</b> 25 <b>-</b>	Con a		<b>~</b>	~~~		nvestig	gator'	s choi	_	Azacitio treatm	2	
No. at risk	0	3	6	9	12	15	18 <b>Mont</b>	21 <b>hs</b>	24	27	30	33	36
(no. censored) Azacitidine Investigator's ice of treatment	42 (0) 44 (0)		35 (0) 26 (2)		29 (0) 18 (2)		20 (2) 11 (3)		11 (8) 9 (5)		6 (12) 5 (8)		2 (14) 1 (12)

#### Phase 2 Valentine-PTCL01: Valemetostat in R/R PTCL

#### Valemetostat tosylate (valemetostat) is a novel and potent dual inhibitor of enhancer of zeste homolog (EZH)2 and EZH1.

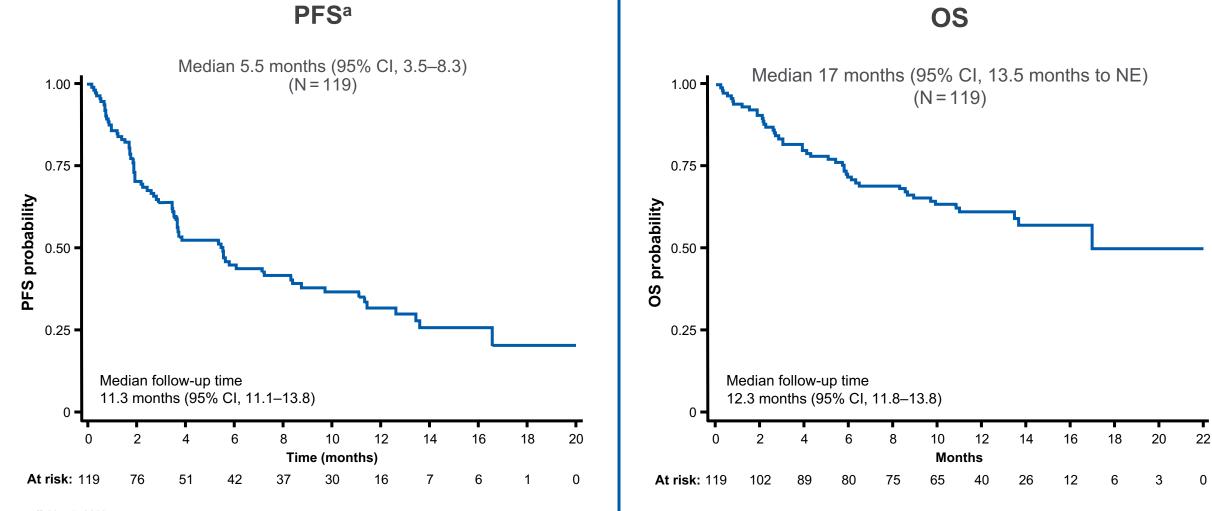


Lugano 2014 response criteria

BICR, blinded independent central review; CR, complete response; DoR, duration of response; DoCR, duration of complete response; ECOG PS, Eastern Cooperative Oncology Group performance status; ORR, overall response rate; OS, overall survival; PFS, progression-free survival; PR, partial response

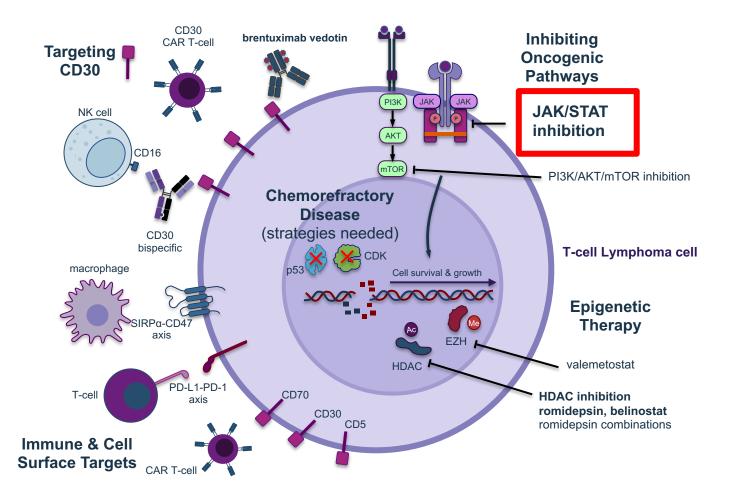
Valemetostat is not FDA approved for PTCL ClinicalTrials.gov. NCT04703192

#### **VALENTINE-PTCL01:** Valemetostat in R/R PTCL



Data cutoff: May 5, 2023. <sup>a</sup> PFS evaluated by BICR CT-based assessment

#### Other Targets in T Cell Lymphoma: Signaling Targets in PTCL



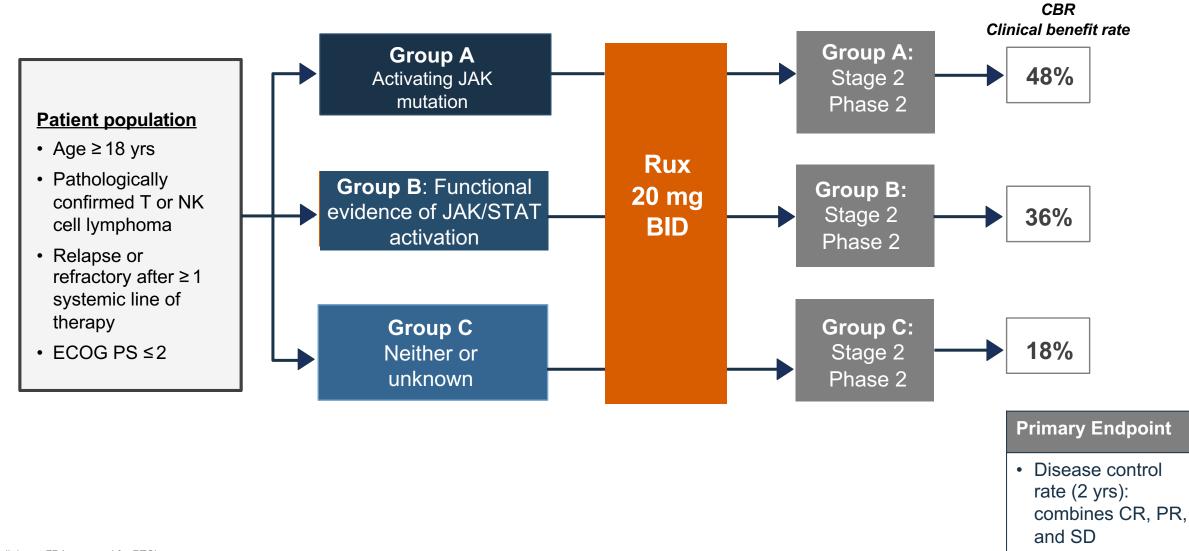
TCL subtype	% with JAK/STAT activating mutations
ALCL <sup>1</sup>	38%
Extranodal NK/TCL <sup>2</sup>	5.9%
T-PLL <sup>3</sup>	36%
γδ–T-cell lymphoma <sup>2</sup>	33%
MEITL <sup>2</sup>	36.8%
Large granular lymphoma⁴	28-40%
Sezary syndrome <sup>5</sup>	11%

Image Courtesy of Robert Stuver MD

ALCL, anaplastic large cell lymphoma; NK/TCL, natural killer/T-cell lymphoma; MEITL, monomorphic epitheliotropic intestinal T-cell lymphoma; T-PLL, T-cell prolymphocytic leukemia

1. Crescenzo R, et al. Cancer Cell. 2015;27(4):516-532. 2. Kucuk C et al. Nat Comm. 2015;6:6025. 3. Kiel MJ, et al. Blood. 2014 Aug 28;124(9):1460-72. 4. Koskela HL, et al. N Engl J Med. 2012;366(20):1905-1913. 5. Kiel MJ, et al. Nat Commun. 2015;6:8470. 21

#### Phase 2 Multicenter Biomarker-Driven Study: Ruxolitinib Targeting JAK1/2 Inhibition in R/R T-Cell Lymphomas



#### Phase 2 Multicenter Biomarker-Driven Study: Ruxolitinib Targeting JAK1/2 Inhibition in R/R T-Cell Lymphomas

#### **Response by Cohort**

**Response by Subtype** 

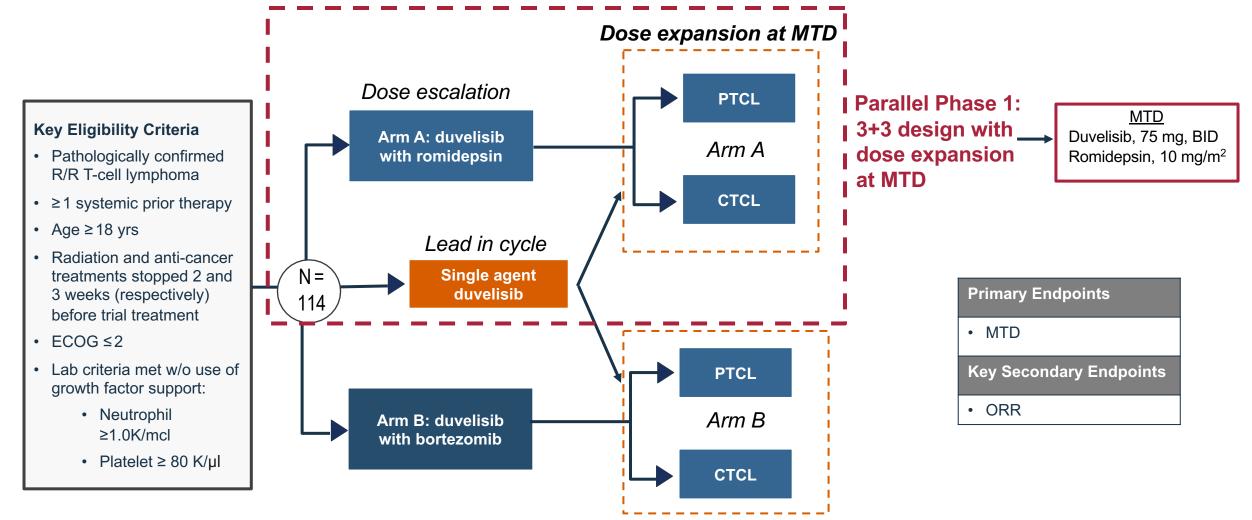
Cohorts	Total treated, n	Total evaluable for response, n	ORR n (%)	CBR n (%)
Cohort 1	21	21	7 (33%)	10 (48%)
Cohort 2	15	14	4 (29%)	5 (36%)
Cohort 3	17	17	2 (12%)	3 (18%)
Total	53	52	13 (25%)	18 (35%)
P (cohorts 1 & 2 vs 3)			<i>P</i> =0.2	P=0.073

Subtype	Evaluable for response, n	ORR n (%)	CBR n (%)
PTCL-NOS	11	2 (18%)	2 (18%)
T-PLL	8	3 (38%)	4 (50%)
AITL/TFH	9	3 (33%)	4 (44%)
T-LGL	5	2 (40%)	4 (80%)
ALCL	4	1 (25%)	1 (25%)
ATLL	3	0	0
CTCL	7	1 (14%)	1 (14%)
G/D TCLs	4	1 (25%)	1 (25%)
SPTCL	1	0	1 (100%)

- Adverse events were consistent with the known side effect profile of ruxolitinib and primarily involved cytopenias
- Treatment-related SAEs included herpes simplex virus-1 stomatitis (n = 1), spontaneous bacterial peritonitis (n = 1), febrile neutropenia (n = 3), anemia (n = 1), and herpes zoster (n = 1)

AITL/TFH, angioimmunoblastic T-cell lymphoma with T-follicular helper phenotype; ALCL, anaplastic large cell lymphoma; ATLL, adult T-cell leukemia; CTCL, cutaneous T-cell lymphoma; G/D TCLs, gastro/digestive TCLs including hepatosplenic T-cell lymphoma, onomorphic epitheliotropic intestinal T-cell lymphoma, and primary cutaneous γδ-TCL; T-LGL, T-cell large granular lymphocyte; T-PLL, T prolymphocytic leukemia; SPTCL, subcutaneous panniculitis-like T-cell lymphoma

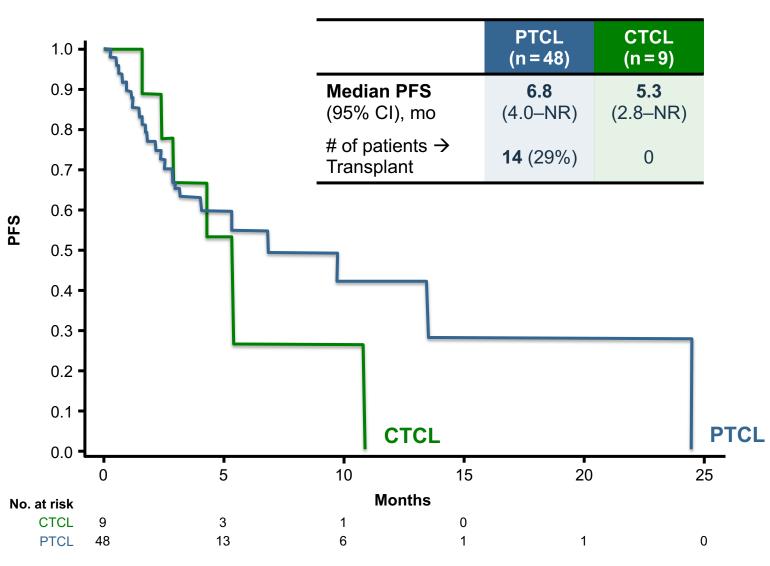
# Phase 1b/2a Study of Duvelisib With Either Romidepsin or Bortezomib in R/R PTCL: Non-Randomized, Parallel Assignment, Open-Label Trial



MTD, maximum tolerated dose

This regimen is not FDA approved for PTCL ClinicalTrials.gov. NCT02783625. Horwitz SM, et al. *Nat Med*. 2024;30(9):2517-2527. All patients received prophylaxis against varicella zoster virus (VZV) and pneumocystis jiroveci pneumonia (PJP), and anti-fungal prophylaxis with either nystatin or fluconazole was encouraged but not mandatory.

#### Arm A: Progression-Free Survival at MTD (Duvelisib + Romidepsin)



This regimen is not FDA approved for PTCL

Horwitz SM, et al. Nat Med. 2024;30(9):2517-2527; ASH 2021:Abstract 619.

#### Grade 3-4 Adverse Events Occurring in ≥ 10% of patients at MTD

	Total # of patients at MTD n = 59		
Event	Grade 3, n (%)	Grade 4, n (%)	
Transaminase	8 (14%)		
ALT	7 (12%)	-	
AST	3 (5%)	-	
Diarrhea	9 (15%)	-	
Neutropenia	12 (20%)	9 (15%)	
Infections	6 (10%)	-	
Rash	7 (12%)	-	

All subjects received prophylaxis for PJP and VZV and were monitored for EBV and CMV. Many received nystatin to reduce risk of candidal esophagitis.

#### **Examples of Other Targets in PTCL: Immune Therapies**

- PD1/PDL1 therapy
  - Efficacy in R/R extra-nodal NK/T-cell lymphomas<sup>1</sup>
  - May be efficacious in primary nodal EBV+ T/NK-cell lymphoma<sup>2</sup>
  - Limited data for the remaining nodal PTCL
  - In PTCL, there is concern about hyperprogression<sup>3-5</sup>
- Bispecific T-cell engagers are another type of novel CD30-based therapy in clinical development
  - CD30/CD16A-bispecific antibody AFM13 is a first-in-class innate cell engager that binds to CD16A on innate immune cells and CD30 on cHL cells
    - Phase 2 REDIRECT trial (NCT04101331)<sup>6</sup>
      - Heavily pretreated patients with CD30-positive R/R PTCL
      - ORR of 32.4% (95% CI, 23.7%–42.1%); CRR of 10.2% (95% CI, 5.4%–18.1%)
    - Phase 1b study of AFM13 with pembrolizumab resulted in ORR of 83%<sup>7</sup>
  - Anti-PD-1/anti-CD3 bispecific antibody ONO-4685 for R/R PTCL (NCT05079282)
- Anti-CD94 antibody DR-01 for large granular lymphocytic leukemia and cytotoxic lymphoma (NCT05475925)

These regimens are not FDA approved for PTCL

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## **CAR-T** Therapy in T-Cell Lymphoma

	Frequency in T-cell malignancies, %				ancies,	%		
Antigen	PTCL-NOS	AITL	ALCL	NK-T	ATLL	CTCL	Expression in normal tissue	Trial
CD5	85	96	26–32	36	85	91	T cells, thymocytes, B1 cells	NCT03081910
CD7	50	57	32–54	79	25	18	T cells, thymocytes, NK cells	NCT02742727; NCT03690011
CD3	60–66	71	32–40	36*	80	91	Mature T cells	
CD30	16	32–50	93	64*	39	18	Activated T and B cells	NCT02917083; NCT02690545
TCRBC1	27	34	25	_	_	_	~35% of T cells	NCT03590574
CCR4	34	_	_	_	88	31–100	Tregs, Th2 and Th17 cells, platelets, kidney	NCT04930653; NCT05956041 NCT04256018; NCT05414500 NCT04848064; NCT06235281 NCT04045470
CD4	60	86	63	29*	94	92	CD4* T cells, some monocytes and dendritic cells	NCT03829540
CD37			82				Mature B cells, at a low level in plasma cells, dendritic cells	NCT04136275
CD70							T and B cells	NCT06326463
AITL, angioimmunoblastic T-cell lymphoma; ALCL, anaplastic large cell lymphoma; ATLL, adult T-cell leukemia; CAR, chimeraic antigen receptor therapy; CTCL, cutaneous T-cell lymphoma; NK-T, natural killer/T-cell lymphoma; PTCL, peripheral T-cell lymphoma not FDA approved for PTCL				•	<ul> <li>NK-CAR, Allo CAR, Myeloid CAR</li> <li>Efficacy, safety, fratricide, long-term immunosuppression, resistance – TBD in clinical trials</li> </ul>			

#### **Clinical Trials at Emory for TCL**

**Clinical Studies:** 

- Frontline Phase 3 duvelisib or oral azacitadine
   + CHO(E)P in CD30 PTCL, AO51902
- CD3 x PD-1 bispecific antibody R Peripheral and Cutaneous Lymphoma, ONO 4685-03
- Phase 3, Randomized, Open-Label Study of ITK Inhibitor Soquelitinib vs MD's Choice SofCare Treatment (Selected Single Agent) R/R PTCL.NOS (Pending)
- Phase 2 Mogamulizumab and extra-corporeal photopheresis in CTCL
- NCI 10335 : Phase 1 Study of Lenalidomide in Combination with EPOCH Chemotherapy for ATLL
- Phase 1/2 Open-Label Multi-Center Study to Characterize the Safety and Tolerability of CFT7455 in Subjects with R/R NHL and MM

**Observational Studies:** 

- BioSpecimen & Clinical INformation in T-Cell Lymphoma (SCIN-TCL)
- Open label, single-cohort, and muti-center phase II study evaluating tumor-specific immunity after extracorporeal photopheresis in patients with Sezary syndrome at single-cell resolution.
- A Prospective, US-based Study Assessing Mogamulizumab-Associated Rash in Patients Diagnosed with Mycosis Fungoides or Sézary Syndrome and Treated with Standard of Care Mogamulizumab
- Navigating Life and Care with Cutaneous T-Cell Lymphoma and Sézary Syndrome in Georgia: A Qualitative Exploration of Patient and Caregiver Experiences

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2025 Debates and Didactics in Hematology and Oncology







