Updated Results From the Phase 1 Study of Sonrotoclax (BGB-11417), a Novel BCL2 Inhibitor, in Combination With Zanubrutinib for Relapsed/Refractory CLL/SLL Demonstrate Deep and Durable Responses

Chan Y. Cheah, 1-3 Constantine S. Tam, 4 Mary Ann Anderson, 5,6 Alessandra Tedeschi, 7 Emma Verner, 8,9 Masa Lasica, 10 Alejandro Arbelaez, 11 Stephan Stilgenbauer, 12 Peter Browett, 13 Sophie Leitch, 14 Eva González-Barca, 15 Mazyar Shadman, 16,17 Jing-Zhou Hou, 18 Herbert Eradat, 19 David Westerman, 20,21 Yiqian Fang, 22 James Hilger, 23 Sheel Patel, 23 Stephen S. Opat 24

¹Sir Charles Gairdner Hospital, Nedlands, WA, Australia; ²Medical School, University of Western Australia, Crawley, WA, Australia; ³Linear Clinical Research, Nedlands, WA, Australia; ⁴Alfred Hospital and Monash University, Melbourne, VIC, Australia; ⁵Royal Melbourne Hospital and Peter MacCallum Cancer Centre, Melbourne, VIC, Australia; ⁶The Walter and Eliza Hall Institute, Melbourne, VIC, Australia; ⁷ASST Grande Ospedale Metropolitano Niguarda, Milano, Italy; ⁸Concord Repatriation General Hospital, Concord, NSW, Australia; ⁹University of Sydney, NSW, Australia; ¹⁰St Vincent's Hospital Melbourne, Melbourne, VIC, Australia; ¹¹Pindara Private Hospital, Benowa, QLD, Australia; ¹²Ulm University, Ulm, Germany; ¹³Auckland City Hospital, Grafton, Auckland, New Zealand; ¹⁴Te Whatu Ora, Health New Zealand, Waitemata, Auckland, New Zealand; ¹⁵Institut Català d'Oncologia Hospitalet, Universitat de Barcelona, IDIBELL, Barcelona, Spain; ¹⁶Fred Hutchinson Cancer Center, Seattle, WA, USA; ¹⁷University of Washington, Seattle, WA, USA; ¹⁸University of Pittsburgh Medical Center, Pittsburgh, PA, USA; ¹⁹David Geffen School of Medicine at UCLA, Los Angeles, CA, USA; ²⁰Peter MacCallum Cancer Centre, Melbourne, VIC, Australia; ²¹University of Melbourne, Melbourne, VIC, Australia; ²²BeOne Medicines Ltd, Shanghai, China; ²³BeOne Medicines Ltd, San Carlos, CA, USA; ²⁴Lymphoma Research Group, School of Clinical Sciences at Monash Health, Monash University, Clayton, VIC, Australia

Disclosures for Chan Y. Cheah

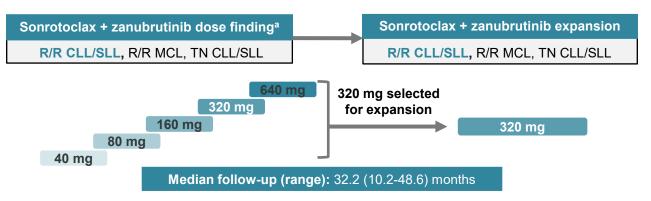
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Introduction

- CLL/SLL remains incurable as many treated patients experience relapse,¹ necessitating further treatment with novel agents
- Sonrotoclax (BGB-11417), a next-generation BCL2 inhibitor, is a more selective and pharmacologically potent inhibitor of BCL2 than venetoclax, with a shorter half-life and no drug accumulation²
- Zanubrutinib is a highly potent and selective next-generation BTK inhibitor that was designed to provide complete and sustained target inhibition and is the only BTK inhibitor to demonstrate superiority over ibrutinib in a head-to-head phase 3 trial³
- Fixed-duration therapies are emerging as a new treatment option⁴; however, there are no approved BCL2 inhibitor + BTK inhibitor regimens for patients with R/R CLL/SLL
- Here, updated safety and efficacy data, including preliminary results from time-limited therapy, are presented for patients with R/R CLL/SLL treated with sonrotoclax + zanubrutinib in the ongoing BGB-11417-101 study (NCT04277637)

BGB-11417-101 (NCT04277637) Study Design

- BGB-11417-101 is a global phase 1/1b study evaluating sonrotoclax as monotherapy, or in combination ± zanubrutinib, and ± obinutuzumab in patients with B-cell malignancies
 - Data from R/R CLL/SLL cohorts treated with sonrotoclax + zanubrutinib are the focus of this presentation
- The primary endpoints are safety per NCI CTCAE v5.0, MTD, and RP2D
- For this R/R CLL/SLL cohort, treatment consists of 8-12 weeks of zanubrutinib lead-in (320 mg QD or 160 mg BID), then zanubrutinib + sonrotoclax until disease progression, intolerance, or elective discontinuation
- Patients who reach 96 weeks of combination treatment may elect to stop study drug treatment while remaining on study and following all procedures (protocol-defined elective discontinuation)

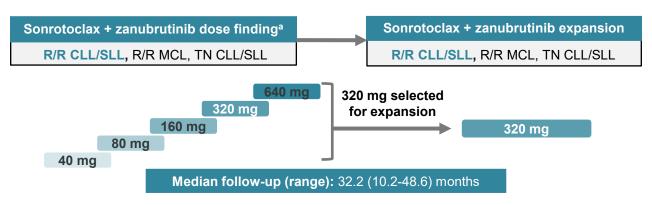


^aThe safety monitoring committee reviewed dose-level cohort data before dose escalation.

BID, twice daily; CLL/SLL, chronic lymphocytic leukemia/small lymphocytic lymphoma; MCL, mantle cell lymphoma; MTD, maximum tolerated dose; QD, once daily; R/R, relapsed/refractory; RP2D, recommended phase 2 dose; TN. treatment naive.

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Baseline Characteristics and Demographics

Characteristic	Sonro 40 mg + Zanu (n=4)	Sonro 80 mg + Zanu (n=9)	Sonro 160 mg + Zanu (n=6)	Sonro 320 mg + Zanu (n=22)	Sonro 640 mg + Zanu (n=6)	AII (N=47)
Study follow-up, median (range),	46.8	40.6	42.0	19.6	30.9	32.2
months	(10.2-48.6)	(22.9-47.3)	(41.1-43.6)	(13.2-39.7)	(23.8-35.5)	(10.2-48.6)
Age, median (range), years	60.0 (50-71)	62.0 (55-75)	61.5 (41-76)	67.0 (36-76)	59.5 (53-69)	65.0 (36-76)
Male, n (%)	4 (100)	8 (89)	3 (50)	18 (82)	2 (33)	35 (74)
ECOG PS						
0	4 (100)	5 (56)	4 (67)	11 (50)	4 (67)	28 (60)
1	0	3 (33)	2 (33)	10 (45)	2 (33)	17 (36)
del(17p), n/tested (%)	3/4 (75)	4/8 (50)	1/6 (17)	3/18 (17)	0	11/42 (26)
del(17p) and/or <i>TP</i> 53 mutation ^a , n/tested (%)	3/4 (75)	5/8 (63)	1/6 (17)	7/19 (37)	0	16/42 (38)
Unmutated IGHV, n/tested (%)	2/4 (50)	8/9 (89)	3/6 (50)	14/17 (82)	3/5 (60)	30/41 (73)
Prior therapy						
No. of lines of prior therapy, median (range)	1.5 (1-2)	1.0 (1-2)	1.0 (1-2)	1.0 (1-3)	1.0 (1-1)	1.0 (1-3)
Prior BTK inhibitor, n (%) ^b	1 (25)	1 (11)	1 (17)	3 (14)	1 (17)	7 (15)
Prior BTK inhibitor duration, median (range), months	86.6 (86.6-86.6)	1.6 (1.6-1.6)	18.5 (18.5-18.5)	38.1 (34.2-49.1)	24.0 (24.0-24.0)	34.2 (1.6-86.6)

Data cutoff: March 1, 2025

^aTP53 mutations defined as ≥5% variant allele frequency. ^bBTK inhibitor was the last prior therapy for 7 patients; all discontinued due to toxicity. BTK, Bruton tyrosine kinase; ECOG PS, Eastern Cooperative Oncology group performance status; sonro, sonrotoclax; zanu, zanubrutinib.

TEAE Summary

- No DLTs occurred and MTD was not reached; the sonrotoclax 320 mg + zanubrutinib cohort was expanded as RP2D
- Sonrotoclax in combination with zanubrutinib was well tolerated, with low rates of treatment discontinuation and dose reductions; no deaths were observed

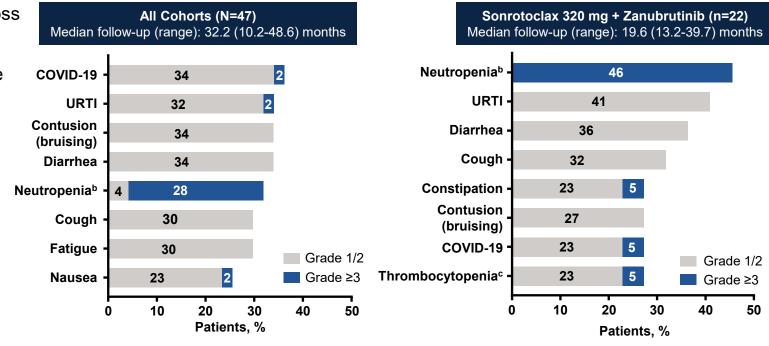
Patients, n (%)	Sonro 40 mg + Zanu (n=4)	Sonro 80 mg + Zanu (n=9)	Sonro 160 mg + Zanu (n=6)	Sonro 320 mg + Zanu (n=22)	Sonro 640 mg + Zanu (n=6)	AII (N=47)
Any TEAEs	4 (100)	9 (100)	6 (100)	22 (100)	5 (83)	46 (98)
Grade ≥3	1 (25)	7 (78)	3 (50)	18 (82)	3 (50)	32 (68)
Serious TEAEs	1 (25)	3 (33)	3 (50)	11 (50)	3 (50)	21 (45)
Led to zanu discontinuation	0	1 (11) ^a	0	2 (9) ^b	1 (17) ^c	4 (8)
Led to zanu dose reduction	0	1 (11) ^d	0	2 (9) ^e	1 (17) ^f	4 (8)
Treated with sonro, n (%)	4 (100)	9 (100)	6 (100)	22 (100)	6 (100)	47 (100)
Led to sonro discontinuation	0	0	0	2 (9) ^b	1 (17) ^c	3 (6)
Led to sonro dose reduction	0	0	0	1 (4) ^g	1 (17) ^f	2 (4)

^aDue to intracranial hemorrhage. ^bDiscontinued sonro and zanu due to myelodysplastic syndrome and meningococcal sepsis, n=1 each. ^cDiscontinued sonro and zanu due to plasma cell myeloma. ^dCOVID-19. ^cReduced zanu during lead-in due to neutropenia, n=1; COVID-19, n=1. ^fReduced sonro and zanu due to COVID-19, n=1. ^gDue to cellulitis. DLT, dose-limiting toxicity; MTD, maximum tolerated dose; RP2D, recommended phase 2 dose; sonro, sonrotoclax; TEAE, treatment-emergent adverse event; zanu, zanubrutinib.

TEAEs Observed With Sonrotoclax + Zanubrutinib Were Mostly Low Grade and Transient

- Toxicities were comparable across all dose levels
- No TLS or febrile neutropenia
- No dose reductions occurred due to diarrhea

TEAEs in ≥25% of all patients and those treated at sonrotoclax RP2D of 320 mg^a

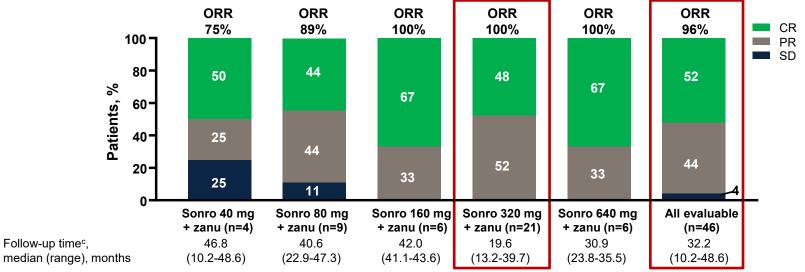


^aGrade is listed as worst grade experienced by patient on any drug. ^bNeutropenia combines preferred terms neutrophil count decreased and neutropenia.

^cThrombocytopenia combines preferred terms *platelet count decreased* and *thrombocytopenia*.

Sonrotoclax + Zanubrutinib Achieved High Response Rates Across All Dose Levels

- With a median study follow-up of 32.2 months, the ORR was 96%, with a 52% CR/CRi rate across all doses^{a,b}
 - In the 320-mg cohort, the ORR was 100%, with a 48% CR/CRi rate
- The median time to CR or CRi was 10.3 months (range, 5.3-42.4 months)
 - In the 320-mg cohort, the median time to CR was 8.5 months (range, 5.3-22.8 months)
- Of 7 evaluable patients with prior BTK inhibitor therapy, 5 achieved PR and 1 achieved CR

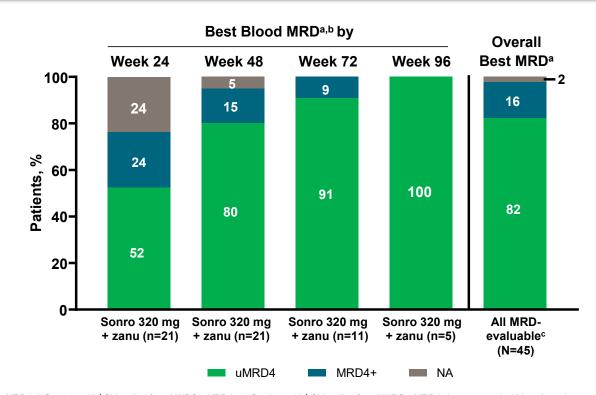


^aResponses were assessed per 2008 iwCLL criteria and percentage of response is based on number of patients who had ≥1 post-baseline tumor assessment after sonrotoclax dosing. ^bORR = PR-L or better. ^cFor all patients as treated (n=47).

BTK, Bruton tyrosine kinase; CR, complete response; CRi, complete response with incomplete hematologic recovery; ORR, overall response rate; PR, partial response; PR-L, PR with lymphocytosis; SD, stable disease; sonro. sonrotoclax: zanu. zanubrutinib.

Sonrotoclax + Zanubrutinib Demonstrated Early and High uMRD4 Rates, Which Deepened Over Time

- Of 45 MRD-evaluable patients, 37 (82%) achieved uMRD4 at the time of data cutoff
- All patients in the 160-mg, 320-mg, and 640-mg cohorts who reached week 96 achieved uMRD4
- In the 320-mg cohort,
 4/6 patients with del(17p) or
 TP53 mutation had uMRD4 by week 48



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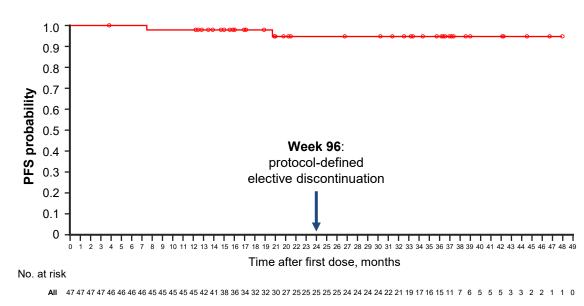
^aMeasured by an ERIC-approved flow cytometry method with 10⁻⁴ sensitivity. uMRD4 defined as <10⁻⁴ CLL cells of total WBCs. MRD4+ defined as ≥10⁻⁴ CLL cells of total WBCs. MRD is best reported within a 2-week window following the week 24/week 48/week 72/week 96 day 1 MRD assessments. ^bWeeks 24, 48, 72, and 96 of treatment at target dose, following zanu monotherapy and sonro ramp-up to target dose.

^cAll MRD-evaluable set includes patients with ≥1 post-baseline MRD sample or disease progression or death prior to MRD assessment. excluding those with baseline MRD level <10⁻⁴.

CLL, chronic lymphocytic leukemia; MRD, measurable residual disease; sonro, sonrotoclax; uMRD, undetectable MRD; WBC, white blood cell; zanu, zanubrutinib.

Substantial PFS Rate is Observed Across All Dose Levels and Risk Factors

- Thirteen patients electively discontinued treatment after at least 96 weeks of therapy; as of the data cutoff date, all were in remission and had a median time of 4.5 months off treatment (range,1.8-12.3 months)
- With median study follow-up time of 32.2 months, only 2 PFS events occurred on study:
 - 40 mg: del(17)p+
 - 320 mg: del(17)p+
- The 30-month PFS rate was 94.7% (95% CI, 79.9%-98.7%; median follow-up, 30.5 months)



With Longer Follow-Up, Sonrotoclax + Zanubrutinib Continued to Demonstrate Compelling Safety and Efficacy in R/R CLL/SLL

- Sonrotoclax + zanubrutinib combination treatment had a tolerable safety profile in patients with R/R CLL/SLL at all dose levels tested up to 640 mg
 - No TLS (laboratory or clinical) was observed
 - The most commonly reported TEAE was neutropenia, which was mostly transitory, with no cases of febrile neutropenia, and did not require sonrotoclax dose reductions
- With a median follow-up of 32 months, substantial efficacy was observed in this R/R CLL/SLL population, including patients with high-risk features
 - The combination of sonrotoclax + zanubrutinib demonstrated a high response rate, including 100% ORR, with a CR/CRi rate of 48% at 320 mg
 - High and early blood uMRD4 was seen by Week 24 of combination therapy, and deepened overtime
 - Thirteen patients electively discontinued treatment and continue to remain in remission as of the data cutoff date
- These preliminary data highlight the potential for all-oral, time-limited therapy with sonrotoclax + zanubrutinib in patients with R/R CLL to drive meaningful disease control, regardless of del(17p) and/or TP53 mutation status

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