

Metastatic Colorectal Cancer: State of the Art Heinz-Josef Lenz

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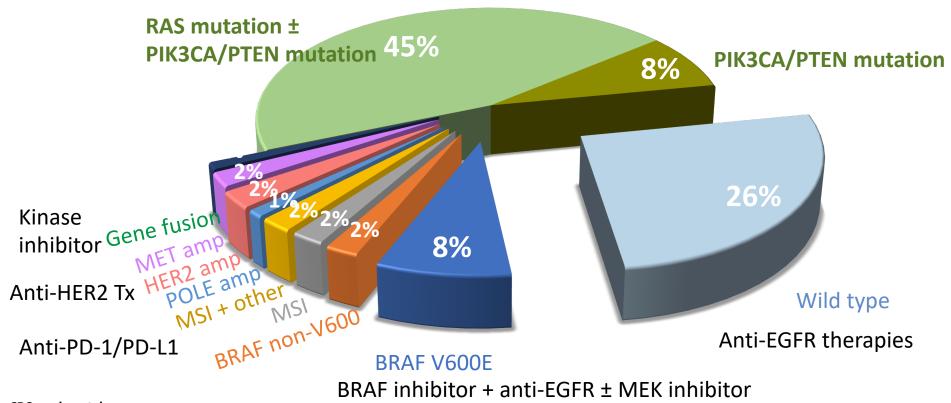
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Genomic Markers in CRC



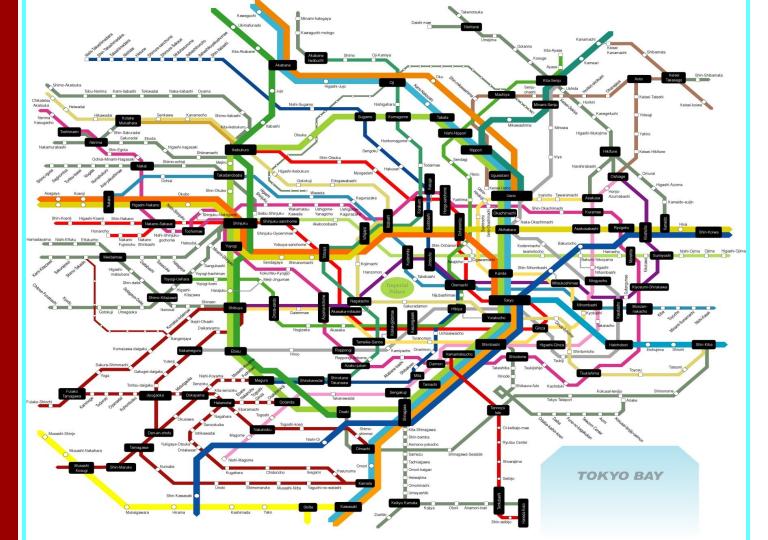
BRAF inhibitor + anti-EGFR ± MEK inhibitor

CRC = colorectal cancer.

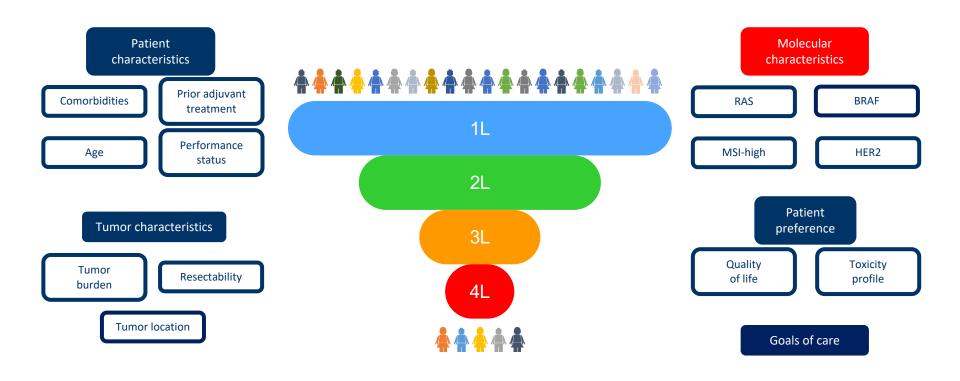
Dienstmann R, et al. Am Soc Clin Oncol Educ Book. 2018;38:231-238.





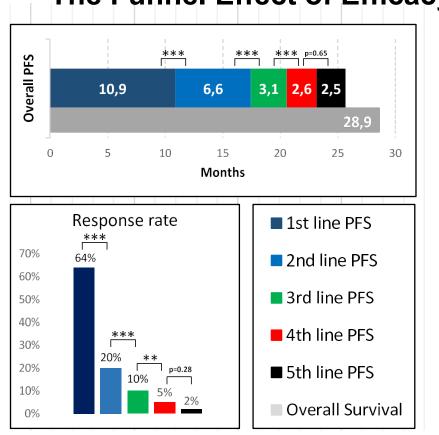


What influences treatment choices in mCRC?



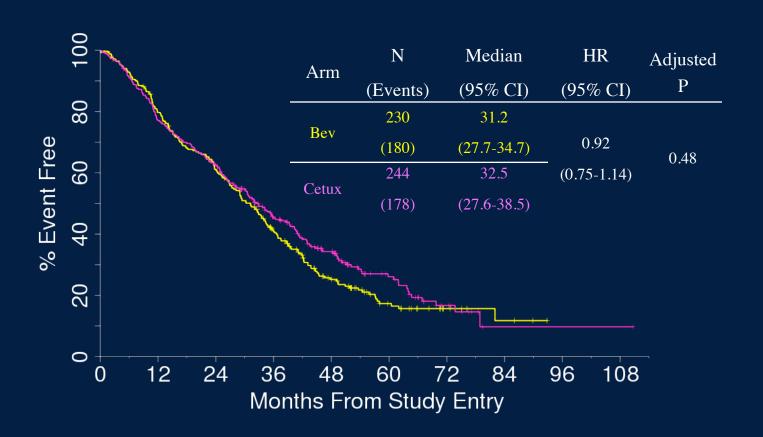
Therapy tailored according to individual patient needs

mCRC - Starting Point #2: The Funnel Effect of Efficacy

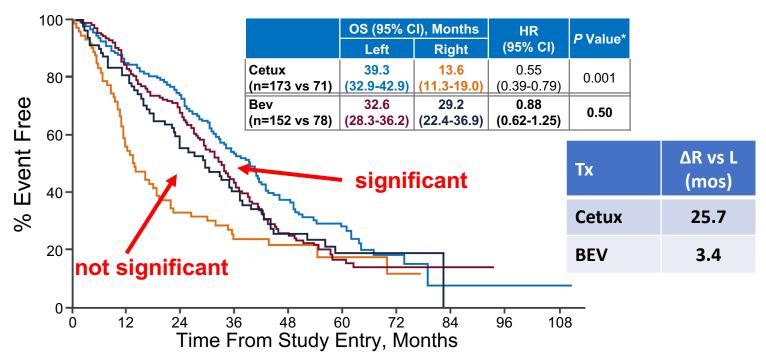


Rossini D, et al. *Eur J Cancer*. 2022;170:64-72.

Overall Survival by Biologic, All RAS wt



CALGB/SWOG 80405: OS by Tumor Location (*RAS* WT)



^{*}Adjusted for biologic, protocol CT, prior adjuvant therapy, prior RT, age, sex, synchronous disease, in place primary, liver metastases. Venook A, Lenz HJ et al. Presented at: ESMO. 2016.

Doublets Plus anti-EGFR in RAS Wt Left-sided mCRC

	mPFS (mos)	mOS (mos)	ORR (%)
TRIPLETE** [mFOLFOX6/pan] n=191	13.6	NA	75.9
PARADIGM [mFOLFOX6/pan] n=312	13.7	37. 9	80.2
FIRE-3 [FOLFIRI/cet] n=157	10.7	38.3	68.8
CALGB80405 [chemo doublet*/cet] N=173	12.7	39.3	69.4
PEAK [mFOLFOX6/pan] n=53	14.6	43.4	64.1

^{*}FOLFOX or FOLFIRI at investigator choice; **RAS and BRAF wt

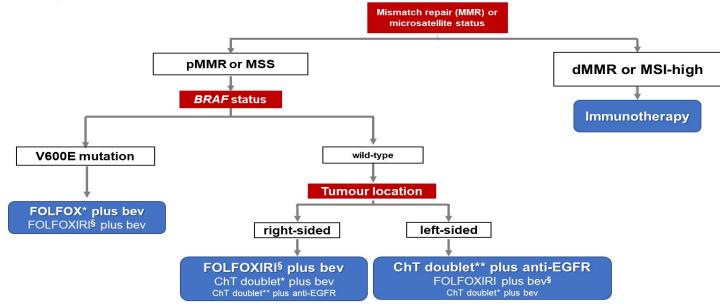
Arnold D, et al. *Ann Oncol*. 2017;28(8):1713-1729. Holch JW, et al. *Eur J Cancer*. 2017;70:87-98. Yoshino T, et al. Presented at: ASCO;2022. Rossini D, et al. *J Clin Oncol*. 2022;40(25):2878-2888.

Sequence Matters

Choice of Line of Therapies Will Change in Future

- 1. Most effective therapy (location, mutational status)
- 2. FOLFOXIRI long OS as well as doublets with targeted agents
- 3. Second line therapies limited efficacies (response/survival)
 - a. Liquid Biopsies will impact
- 4. Immunotherapies for MSI in 1L
- 5. Tucantinib/trastzumab and Encorafenib/cetux moving into 1L

Treatment algorithm for the choice of the upfront therapy for <u>RAS</u> wt mCRC patients



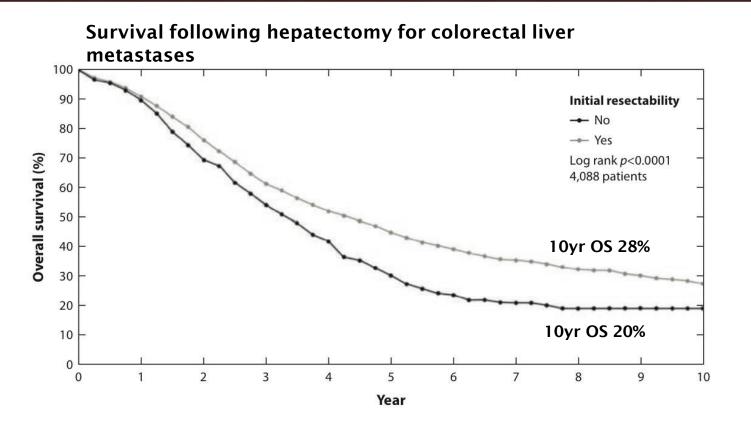
Bev: bevacizumab; ChT: chemotherapy.

^{*} Fluoropyrimidine monotherapy if not fit for doublet chemotherapy

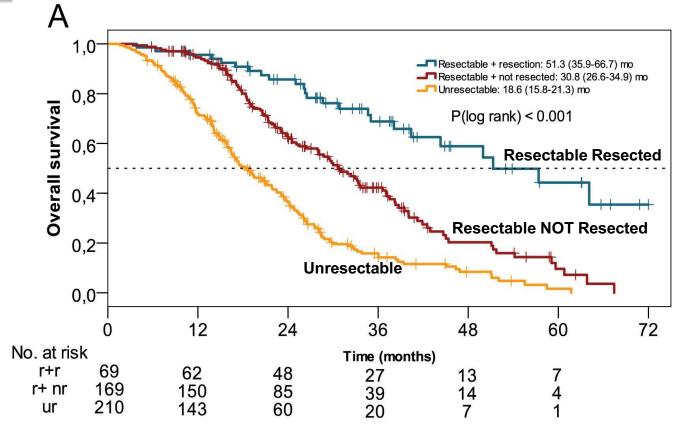
^{** 5-}fluorouracil/leucovorin if not fit for doublet chemotherapy;

[§] only if <75 years old (71-75 years old with ECOG Performance Status 0)

To cure? ... Yes, WE CAN!



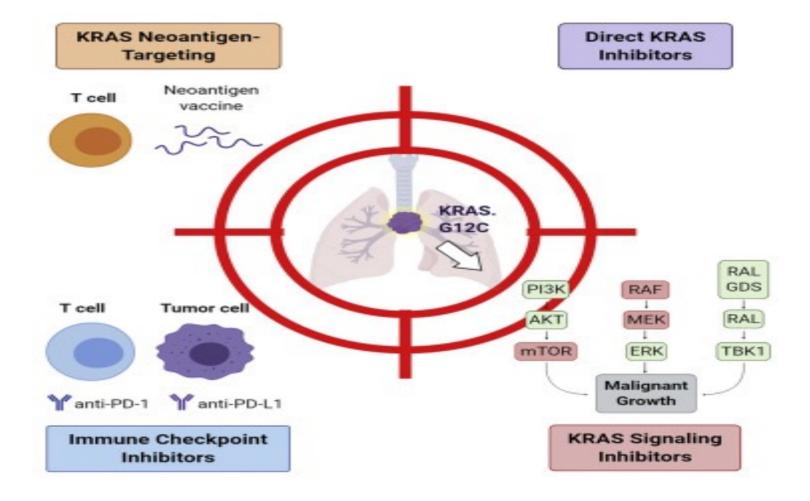
Overall survival according to surgical treatment in FIRE-3



Novel Approaches

1. RAS/RAF (G12C, G12D, G12V)

2. Pan Inhibitor



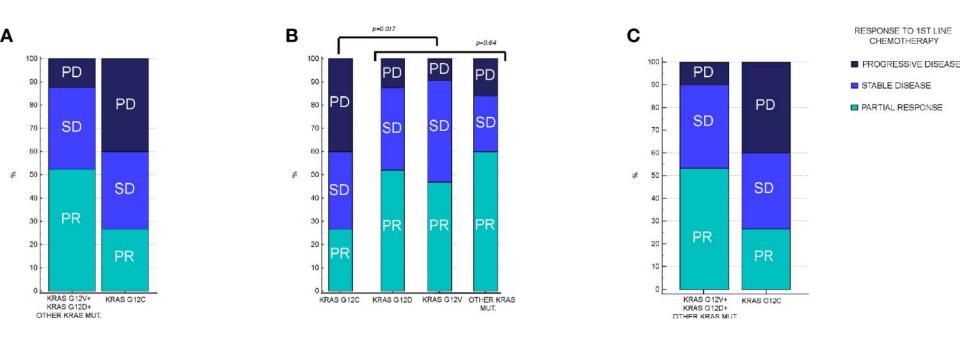
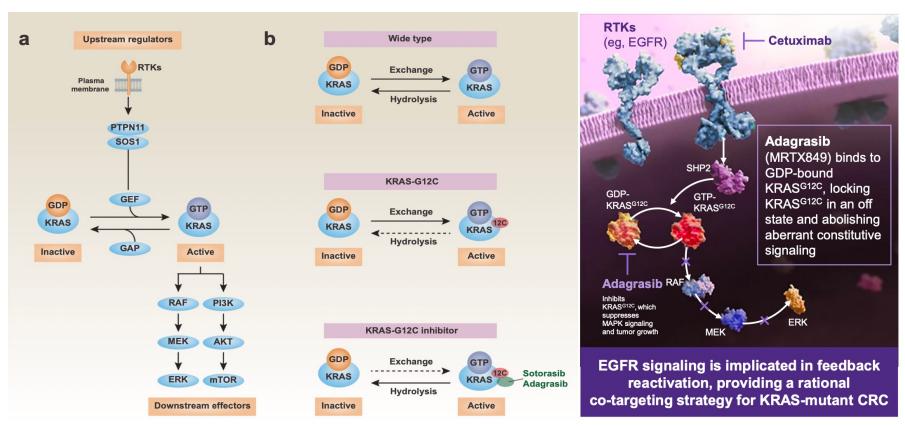


Figure 2 Response rates in patients enrolled in the analysis, stratified by KRAS mutation. (A) Response rates in KRAS G12C vs all other KRAS mutations combined. In KRAS G12C, PR: 27%, SD: 40%, and PD: 33%. In other KRAS mutations combined, PR: 52%, SD: 35%, and PD: 12% (p = 0.017). (B) Response rates between KRAS G12C vs G12D, G12V, and other KRAS mutations different from G12C, G12D, or G12V. In KRAS G12D, PR: 52%, SD: 35%, and PD: 13%. In KRAS G12V, PR: 47%, SD: 44%, and PD: 9%. In remaining KRAS mutations cohort, PR: 60%, SD: 24%, and PD: 16%. Difference in RR among KRAS G12V, G12D, and remaining mutations was not statistically significant (p = 0.64). (C) Response rates between KRAS G12C vs all other KRAS mutations combined after matching procedures. In other KRAS mutation cohort, PR: 56%, SD: 37%, and PD: 7% (p = 0.016).

Giamperi R, et al. Front Oncol. 2021;11:736104.

KRAS G12C Inhibitors (3-4% of mCRC)



Liu J, et al. Accessed June 28, 2023. https://www.nature.com/articles/s41417-021-00383-9.

Codebreak

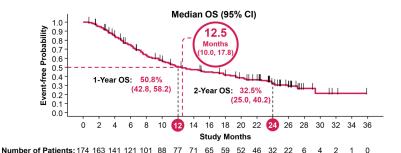
- Sotorasib, a selective KRAS^{G12C} inhibitor, is approved in Europe, the US, and other countries for patients with previously treated KRAS p.G12C-mutated NSCLC¹⁻⁴
- In Phase 1/2 of the CodeBreaK 100 study,^{5,6} sotorasib monotherapy demonstrated:

NSCLC

ORR: 41%

Median PFS: 6.3 months

DCR: 84%



CRC

ORR: 12%

Median PFS: 4.2 months

DCR: 82%

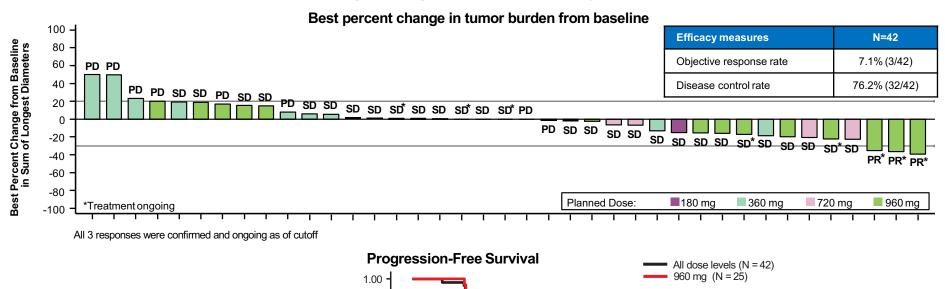


We describe putative mechanisms of acquired resistance to sotorasib in patients with CRC from the CodeBreaK 100 study

1. Canon J, et al. *Nature*. 2019;575:217-23; 2. FDA. Accessed June 28, 2023. chrome extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.accessdata.fda.gov/drugsatfda_docs/label/2021/214665s000lbl.pdf. 3. NCT03600883. Accessed June 28, 2023. https://classic.clinicaltrials.gov/ct2/show/NCT03600883. 4. Dy GK, et al. Presented at: AACR; April 8-13 2022, New Orleans, Lousiana. Abstract CT008.

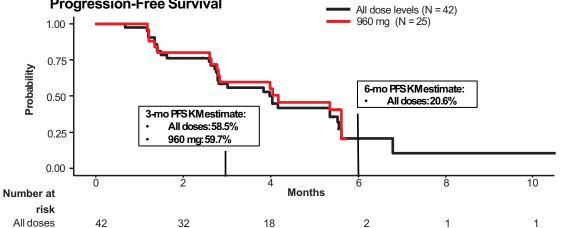
Sotorasib Single Agent - Efficacy in CRC

960 mg



PFS, month	Median (min, max)		
All doses	4.0 (0.7, 11.0)		
960 mg	4.2 (1.2, 5.7+)		

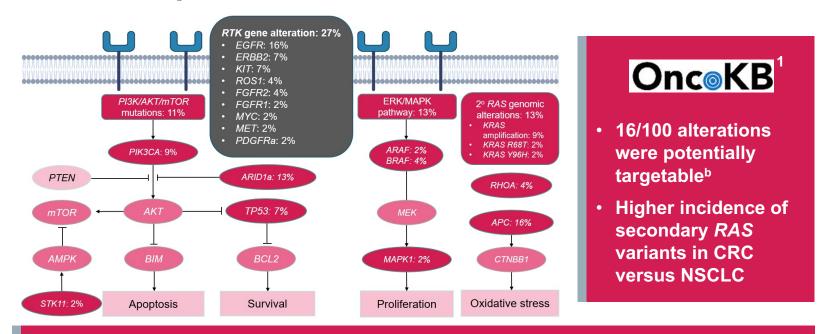
Strickler JH, et al. Presented at: ESMO;2020.



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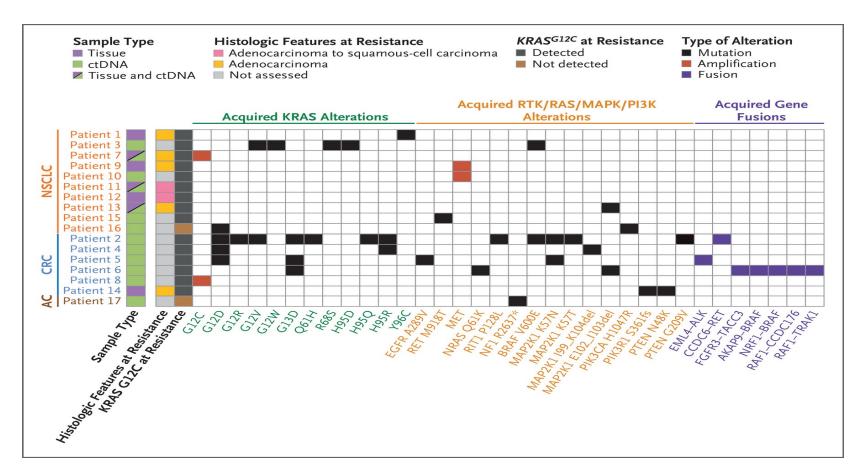
^{+:} censored value.

Putative Acquired Resistance Mechanisms After Sotorasiba



RTK gene alterations were the most prevalent acquired genomic alteration in patients with CRC (12/45; 27%)

aMutation rate presented based on 45 evaluable patients with CRC; bActionability levels defined in full at https://www.oncokb.org/levels. Actionable variants: Level 1; BRCA1 E352* (n = 1), BRCA2 S196R (n = 1), CDK12 G909* (n = 1), PIK3CA E542K (n = 2). Level 2; PIK3CA R38C (n = 1). Level 4; ARID1A Q1402* (n = 1), ARID1A R1721* (n = 1), ARID1A single nucleotide variant (n = 1), CDKN2A truncating mutation (n = 1), EGFR copy number variant (n = 6); *Termination or stop codon.



KRYSTAL-1 Phase 1b/2 CRC cohort Study Design

Key Eligibility Criteria

- CRC with a KRAS^{G12C} mutation^a
- Unresectable or metastatic disease
- Prior systemic treatment for metastatic disease
- No available treatment with curative intent or available standard of care

Phase 1b CRC Combination

Adagrasib 600 mg BID + cetuximab (n=32) Phase 2
CRC Monotherapy

Adagrasib 600 mg BID (n=44)

Study Objectives

Phase 1b

- Primary endpoints: safety, RP2D, PK
- Secondary endpoints: ORR (RECIST 1.1), DOR, PFS, OS

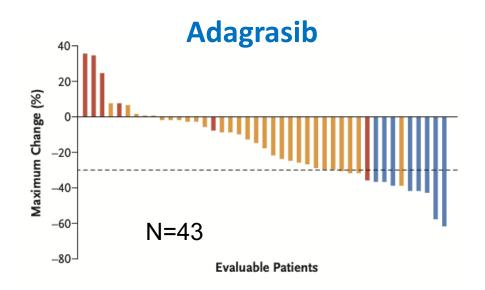
Phase 2

- Primary endpoint: ORR (RECIST 1.1)^d
- Secondary endpoints: safety, DOR, PFS, OS
- Previously reported data demonstrated clinical activity of adagrasib monotherapy and adagrasib + cetuximab in patients with previously treated KRAS^{G12C}-mutated CRC^{10,e}
- Here we report updated data for adagrasib 600 mg BID as monotherapy (Phase 2; median follow-up: 20.1 months) and in combination with cetuximab (Phase 1b; median follow-up: 17.5 months) in patients with previously treated KRAS^{G12C}-mutated CRC

aKRAS^{G12C} mutation detected in tumor tissue and/or ctDNA per protocol. dResponse was analysed in the clinically evaluable population with local radiology review. Previous data were reported for 46 patients (n=2 in Phase 1/1b and n=44 in Phase 2) receiving adagrasib monotherapy (median follow-up: 8.9 months) and 32 patients receiving adagrasib + cetuximab (median follow-up: 7 months)¹⁰

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KRYSTAL-1:



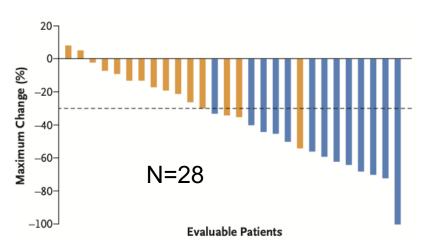
RR: 23%

DOR: 4.3 mos

PFS: 5.6 mos

OS: 19.8 mos

Adagrasib + Cetuximab



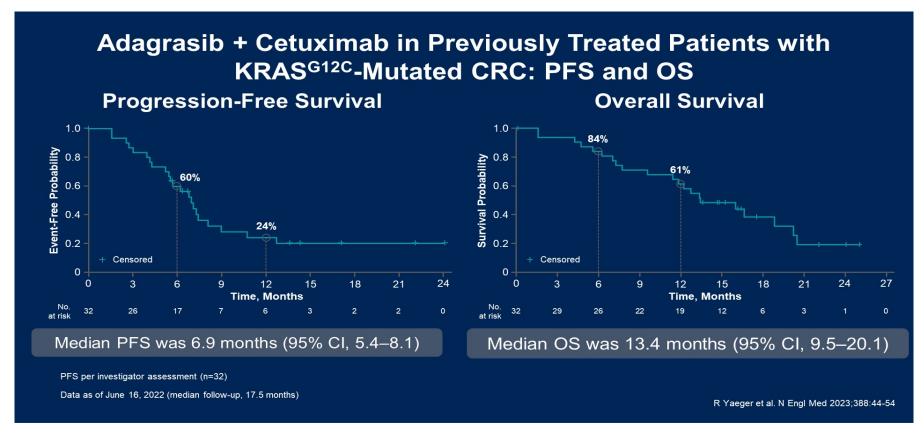
RR: 46%

DOR: 7.6 mos

PFS: 6.9 mos

OS: 13.4 mos

Yaeger R, et al. N Engl J Med. 2023;388(1):44-54.



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KRYSTAL-10 (849-010): Phase 3 Randomized, Open-Label Trial of 2L Adagrasib + Cetuximab vs Chemotherapy in metastatic CRC With KRAS^{G12C} Mutation

Key Eligibility Criteria

- Histologically confirmed diagnosis of advanced or metastatic CRC
- Confirmed KRAS^{G12C} mutation in tumor tissue
- Progression on 1L fluoropyrimidine-based regimen containing oxaliplatin or irinotecan

Adagrasib 600 mg BID + cetuximaba (n=210)

FOLFIRI^b or mFOLFOX6° (n=210)

Anti-VEGF/VEGFR allowed per investigator discretion in comparator arm

Outcome Measures

Primary: PFS, OS

Secondary: Safety, ORR (RECIST 1.1), 1-year OS, DOR, PK, PROs

*Dosing: cetuximab, 500 mg/m² QZW. \(\text{PFOLFIRI Q2W}\) (trinotecan, 180 mg/m², 5-FU/LV with fluorouracil given as a 400 mg/m² IV bolus followed by a 2400 mg/m² dose given as a continuous infusion over 46–48 hours). \(\text{PFOLFIRI Q2W}\) (valiplatin, 85 mg/m², 5-FU/LV, with fluorouracil given as a 400 mg/m² IV bolus followed by a 2400 mg/m² dose given as continuous infusion over 46–48 hours). \(\text{ClinicalTrials on NCT04793958}\)

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TABLE. Clinical Development of KRAS Mutant-Specific Inhibitors

Drug (sponsor/collaborator)	Description	Phase Clinical trial name/ Clinicaltrials.gov identifier					
KRAS G12C inhibitors							
Sotorasib (AMG 510) (Amgen)	Vs docetaxel in previously treated locally advanced and unresectable or metastatic KRAS G12C-mutant NSCLC	Phase 3 CodeBreak 200/ NCT04303780					
	In KRAS G12C-mutant advanced nonsquamous NSCLC	Phase 2 Lung-MAP cohort/NCT04625647*					
	+/- a PD-1/PD-L1 inhibitor in KRAS G12C- mutant advanced solid tumors	Phase 1/2 CodeBreak 100/NCT03600883					
	+/- various different drugs in KRAS G12C- mutant advanced solid tumors	Phase 1 CodeBreak 101/NCT04185883					
Adagrasib (MRTX849)	+ pembrolizumab in KRAS G12C-mutant advanced NSCLC	Phase 2 KRYSTAL-7/NCT04613596					
(Mirati Therapeutics, Inc)	+/- cetuximab, afatinib, or pembrolizumab in KRAS G12C-mutant advanced solid tumors	Phase 1/2 KRYSTAL-1/NCT03785249					
	+ TNO155 (SHP2 inhibitor) in KRAS G12C- mutant advanced solid tumors	Phase 1/2 KRYSTAL-2/NCT04330664					
GDC-6036 (Genentech, Inc)	+/- atezolizumab, cetuximab, bevacizumab, or erlotinib in <i>KRAS</i> G12C-mutant advanced or metastatic solid tumors	Phase 1 GO42144/NCT04449874					
Exosomes engineered to deliver s	siRNA targeting <i>KRAS</i> G12D						
iExosomes (The University of Texas MD Anderson Cancer Center)	In KRAS G12D-mutant metastatic pancreatic cancer	Phase 1 2018-0126/NCT03608631*					
mRNA vaccine targeting <i>KRAS</i> G1	2C, G12D, G12V, and G13D						
mRNA-5671 (Moderna Therapeutics/Merck)	+/- pembrolizumab in KRAS G12C-, G12D-, G12V-, or G13D-mutant advanced/ metastatic NSCLC, CRC, or pancreatic adenocarcinoma with specific HLA subtypes	Phase 1 V941-001/NCT03948763					
T cells transduced with KRAS G12	2V-specific TCRs						
KRAS TILs (Changhai Hospital/Providence Cancer Center, Earle A. Chiles Research Institute)	In KRAS G12V-mutant advanced pancreatic cancer with a specific HLA subtype	Phase 1/2 ChanghaiH-PP06/NCT04146298					

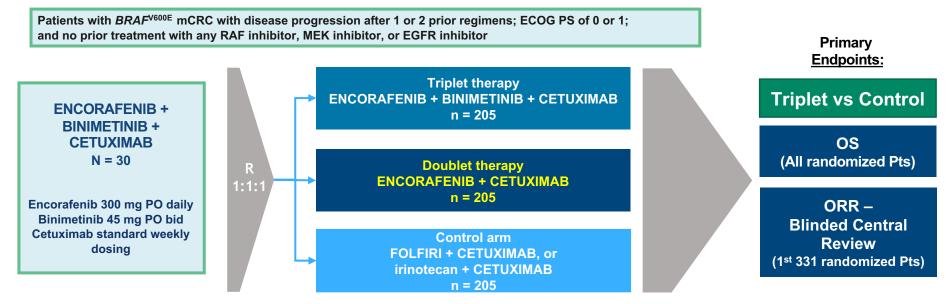
CRC, colorectal cancer; HLA, human leukocyte antigen; NSCLC, non-small cell lung cancer siRNA, small interfering RNA; TCR, T-cell receptor; TIL, tumor-infiltrating lymphocyte.

*Trial is not yet recruiting participants.

Novel Approaches

1. BRAF V600E

BEACON: Phase 3 in Second-/Third-Line BRAF V600E mut mCRC

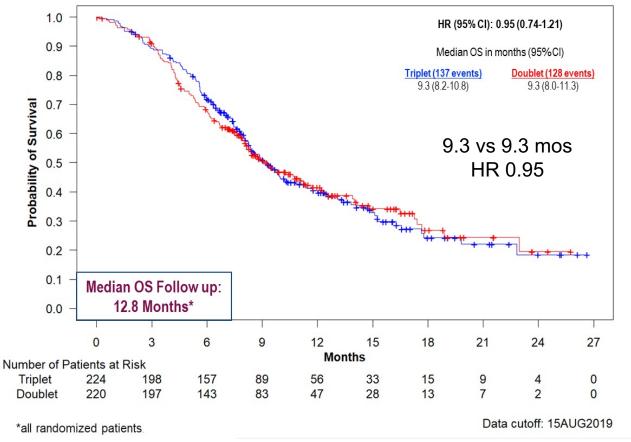


Randomization was stratified by ECOG PS (0 vs. 1), prior use of irinotecan (yes vs. no), and cetuximab source (US-licensed vs. EU-approved)

Secondary Endpoints: Doublet vs Control and Triplet vs Doublet - OS & ORR, PFS, Safety

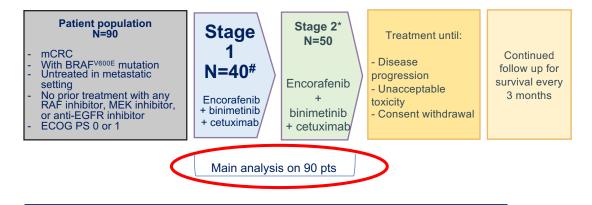
QOL Assessments: EORTC QOL Questionnaire (QLQ C30), Functional Assessment of Cancer Therapy Colon Cancer, EuroQol 5D5L, and Patient Global Impression of Change).

BEACON CRC: Updated Analysis Triplet vs Doublet



ANCHOR CRC, Phase 2 Study in First-line BRAF^{V600E} mCRC

2-STAGE DESIGN¹

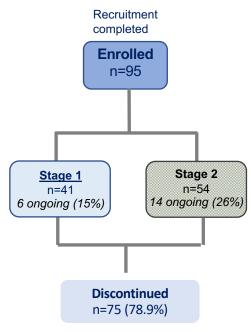


Primary objective & endpoint: cORR (investigator assessed)

Secondary endpoints: PFS, OS, Safety, QoL, PK

- 1. Grothey A, et al. *Annals Oncol*. 2019;30(suppl 4):P-400 #Futility analysis
- *Stage 2 enrolment only after ≥ 12 responses observed in stage 1 cORR=confirmed objective response rate. OS=overall survival. PK=pharmacokinetics. PFS=progression free survival. QoL=quality of life

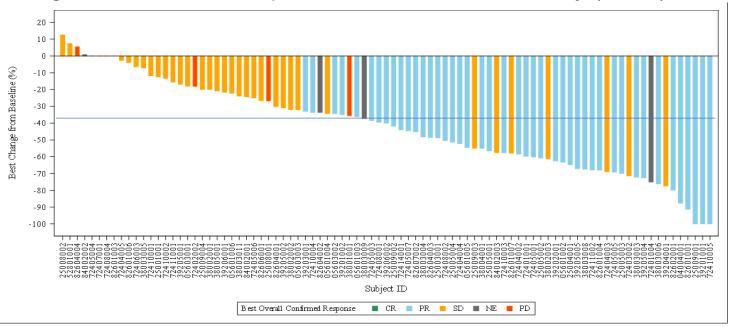
Cut-off date: 29-June-20



- Progressive disease 48 (64%)
- Adverse events 16 (21%)
- Physician decision 6 (8%)
- Protocol deviation 2 (2.7%)
- Death 1 (1.3%)
- Patient withdrawal 1 (1.3%)
- Drug non-compliance 1 (1.3%)

ANCHOR CRC, Phase 2 Study in First-line BRAFV600E mCRC

Investigator's assessment, patients evaluable for efficacy (N=92)



RR 48% DCR 88% **PFS 5.8 mos** OS 18.3 mos

3 patients have been excluded from the efficacy analysis as the BRAF mutation was not confirmed/indeterminate by central lab
The 4 subjects with the best percentage change from baseline equal to 0% have their Best Overall Confirmed Response equal to Stable Disease (SD).
Two subjects (38003012 and 72406001) with BOCR equal to NE are not presented in the plot because they don't have post-baseline tumor diameters.
One subject (72402001) with BOCR equal to PD is not presented in the plot because 1 target lesion was not evaluable and sum of longest diameters cannot be calculated at the unique post-baseline evaluation.

New Updates on Targeting Her2

1. Tucanitib (new kid on the block)

Key Clinical Trials in HER2+ mCRC

Trial	Regimen	N	ORR, %	Median PFS, mo	Median OS, mo
HERACLES-A ¹	Trastuzumab + lapatinib ^a	27	30 (14-50)	4.8 (3.7-7.4)	10.6 (7.6-15.6)
MyPathway (KRASwt subgroup) ²	Trastuzumab + pertuzumab ^a	43	40 (25-56)	5.3 (2.7-6.1)	14 (8-NE)
TRIUMPH ³	Trastuzumab + pertuzumab ^a	17 (tissue)	35 (14-62)	4 (1.4-5.6)	_
TAPUR ⁴ (no <i>RAS</i> data)	Trastuzumab + pertuzumab ^a	28	25 (11-45)	4 (2.6-6.3)	25 (6-NE)
MOUNTAINEER ⁵ (Cohorts A + B)	Trastuzumab + tucatinib	86	38 (28-39)	8.2 (4.2-10.3)	24.1 (20.3-36.7)
DESTINY-CRC01 ^{6,b} (Cohort A)	T-DXd	54	45 (32-60)	6.9 (4.1-8.7)	15.5 (8.8-20.8)
HERACLES-B ^{7,c}	T-DM1 + pertuzumab	30	10 (0-28)	4.8 (3.6-5.8)	-

^a In NCCN guidelines. ^b ORR in subgroup with prior HER2 rx 43.8% (19.8-70.1); without prior HER2 rx 45.9% (29.5-63.1). ^c Did not meet primary endpoint. T-DM1 had 0% response rate in MATCH Arm Q⁸ and MSKCC Basket Trial.⁹

^{1.} Sartore-Bianchi A et al. Lancet Oncol. 2016;17:738-746. 2. Meric-Bernstam F, et al. Lancet Oncol. 2019;20:518-530. 3. Nakamura Y, et al. ESMO 2019. Abstract 1057. 4. Gupta R, et al. ASCO GI 2020. Abstract 132. 5. Strickler J, et al. ESMO GI 2022. Abstract LBA 2. 6. Yoshino T, et al. Nat Com 2023 in press.
7. Sartore-Bianchi A. ESMO 2019. Abstract 3857. 8. Jhaveri KL, et al. Ann Oncol. 2019;30:1821-1830. 9. Li BT, et al. J Clin Oncol. 2018;36:2532-2537.

T-DXd in Patients with HER2-Overexpressing/Amplified (HER2+) Metastatic Colorectal Cancer (mCRC): Primary Results from the Multicenter, Randomized, Phase 2 DESTINY-CRC02 Study

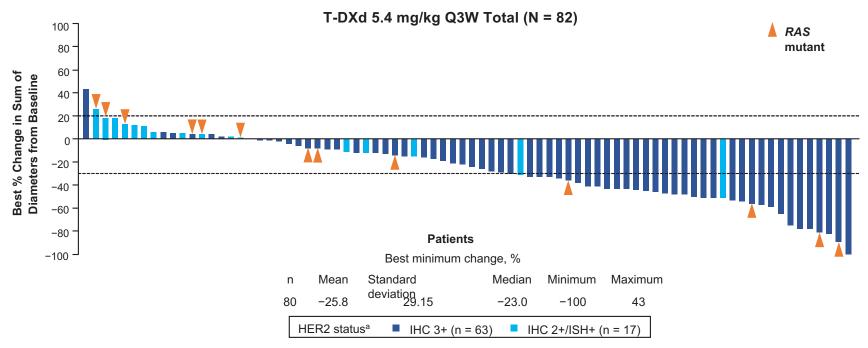
Kanwal Raghav

The University of Texas MD Anderson Cancer Center, Houston, TX, USA June 4, 2023

Additional authors: Salvatore Siena, Atsuo Takashima, Takeshi Kato, Marc Van Den Eynde, Maria Di Bartolomeo, Yoshito Komatsu, Hisato Kawakami, Marc Peeters, Thierry Andre, Sara Lonardi, Kensei Yamaguchi, Jeanne Tie, Christina Gravalos Castro, John Strickler, Daniel Barrios, Qi Yan, Takahiro Kamio, Kojiro Kobayashi, Takayuki Yoshino

Raghav K, et al. Presented at: ASCO;2023.

Best Percentage Change in Sum of Diameters by BICR for T-DXd 5.4 mg/kg

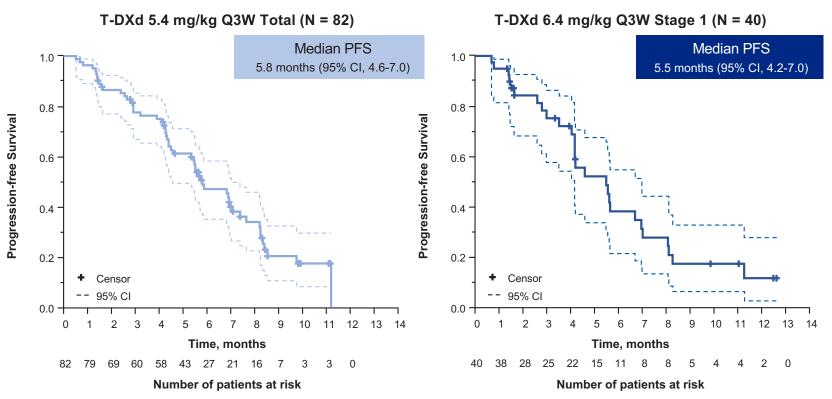


BICR, blinded independent central review; HER2, human epidermal growth factor receptor 2; IHC, immunohistochemistry; ISH, in situ hybridization; Q3W, every 3 weeks; RAS, rat sarcoma; T-DXd, trastuzumab deruxtecan.

Only patients with measurable disease at baseline and at least one postbaseline tumor assessment were included in the waterfall graphs. ^aHER2 status was assessed by central laboratory.

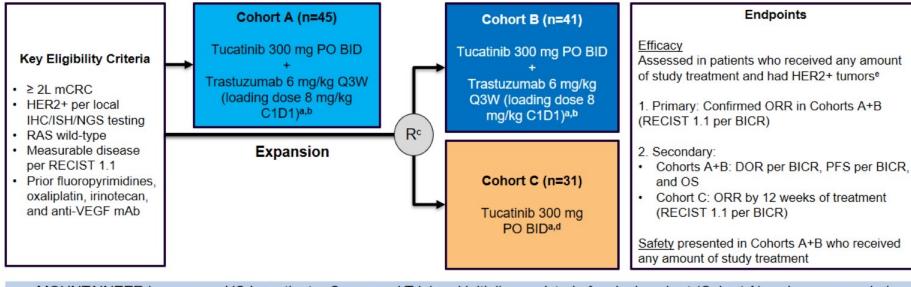
Raghav K, et al. Presented at: ASCO;2023.

Median Progression-Free Survival by BICR



BICR, blinded independent central review; PFS, progression-free survival; Q3W, every 3 weeks; T-DXd, trastuzumab deruxtecan.

MOUNTAINEER: Global, Open-Label, Phase 2 Trial



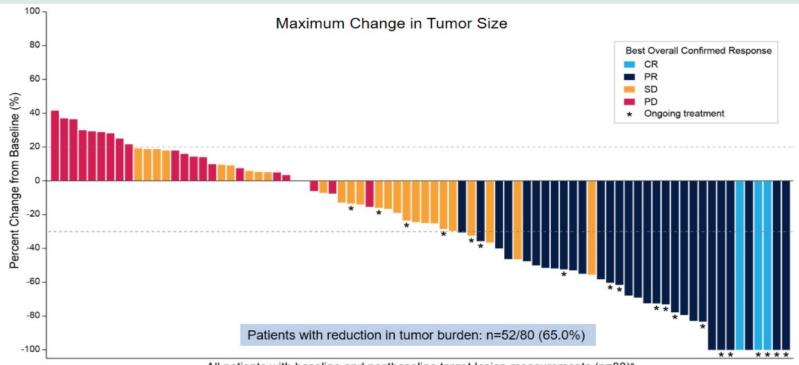
MOUNTAINEER began as a US Investigator-Sponsored Trial and initially consisted of a single cohort (Cohort A) and was expanded globally to include patients randomised to receive tucatinib + trastuzumab (Cohort B) or tucatinib monotherapy (Cohort C)

Data cut-off for current analysis, March 28, 2022

a Each treatment cycle is 21 days; b Patients remained on therapy until evidence of radiographic or clinical progression, unacceptable toxicity, withdrawal of consent, or study closure; c Stratification: Left sided tumor primary vs other; d Patients were allowed to cross over and receive tucutainib and HER2+ tumors as defined by one or more protocol required local tests: IHC 3+ (n=46), amplification by ISH (n=36), or amplification by NGS (n=69)

²L+, second line and later; BICR, blinded independent central review; BID, twice a day; C1D1, cycle 1 day 1; CR, complete response; DOR, duration of response; HER2, human epidermal growth receptor 2; IHC, immunohistochemistry; ISH, in situ hybridization; mAb, monoclonal antibody; mCRC, metastatic colorectal cancer; NGS, next-generation sequencing; ORR, objective response rate; OS, overall survival; PFS, progression-free survival; PO, orally; Q3W, every 3 weeks; PR, partial response; R, randomisation; RAS, rat sarcoma virus; RECIST, Response Evaluation Criteria in Solid Tumors; US, United States; VEGF, vascular endothelial growth factor. https://clinicaltrials.gov/ct2/show/NCT03043313

Tucatinib + Trastuzumab: Change in Tumor Size

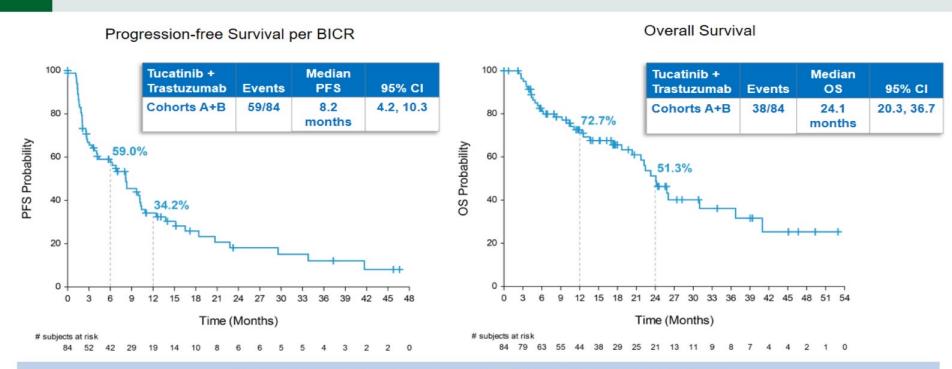


All patients with baseline and postbaseline target lesion measurements (n=80)^a

a Four patients who did not have baseline and/or post-baseline target lesion measurements are excluded CR, complete response; PD, progressive disease; PR, partial response; SD, stable disease. Data cutoff: 28 Mar 2022

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Tucatinib + Trastuzumab: PFS and OS



Median follow-up for Cohorts A+B was 20.7 months (IQR, 11.7, 39.0)

BICR, blinded independent central review; IQR, interquartile range; OS, overall survival; PFS, progressive-free survival. Data cutoff; 28 Mar 2022

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Take Home Messages: HER2+ mCRC

- Confirmed ORR in IHC2+/ISH+ is lower than IHC3+ but remained clinically relevant for TT (= Her2 Dependency), but not as much with TDxd (= Her2 expression).
- May exclude EGFRi
- Trastuzumab and Tucatanib (TT; FDA approved) initial line following chemotherapy line(s)
 - RAS WT and IHC2+/ISH+ or IHC 3+
- T-DXd @ 5.4 mg/Kg as subsequent line of therapy to TT
 - RAS MT/WT and IHC 3+
 - Data supports activity post prior anti-Her2 Rx
 - Toxicities remain concerning
 - ? Retesting for Her2 ?

IO in MSI H

- 1. Not all MSI H are equal
 - 2. Role of TMB
 - 3. Role of CTLA
- 4. Novel Immune therapies for MSS CRC

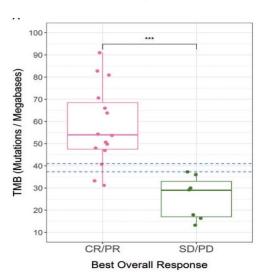
Not all MSI-High/dMMR tumors are created equal

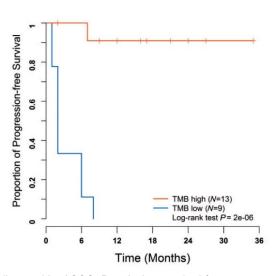


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TMB as an IO Response Predictor in MSI-H

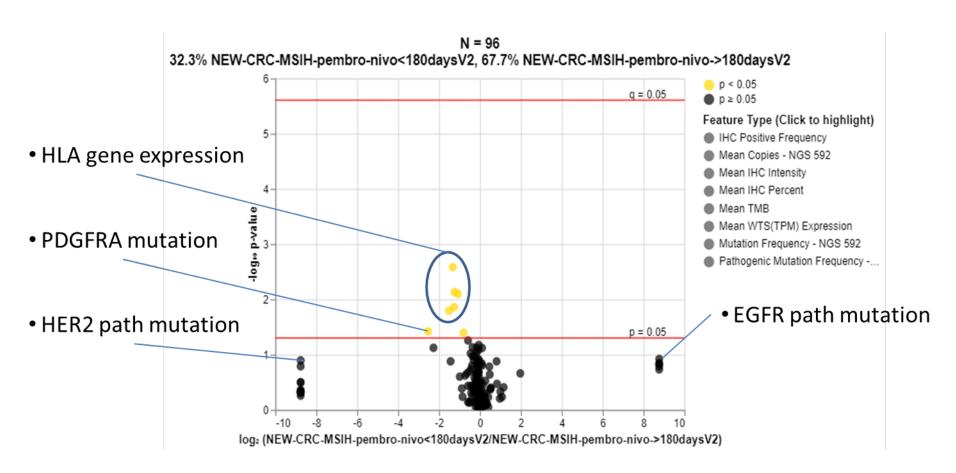
- 22 pts treated with PD-1 based therapy
- Optimal TMB cut-off point: 37-41 mut/Mb
 - PR/CR vs. SD/PD p = 0.0003 (p = 0.088 for MSI score)
- (foundation medicine 37.4 mut/Mb = 35th percentile)





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Schrock et la. Ann Oncol. 2019

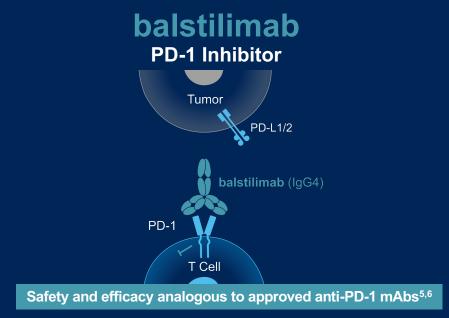


Lenz H-J, et al. J Clin Oncol. .2023;41(4_suppl):202.

Novel Immunotherapy Agents

botensilimab Fc-enhanced CTLA-4 Inhibitor **FcyRIIIA** Fc-enhanced CTLA-4 Cell

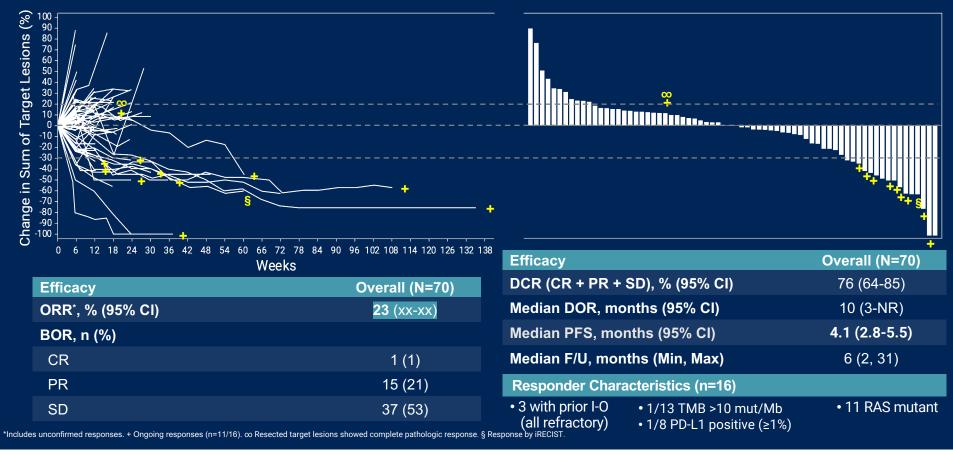
- Active in cold and IO refractory tumors^{1,2}:
- ↑ T cell priming, expansion, memory^{3,4}
- † Frequency of activated DCs
- † Treg depletion
- J Complement mediated toxicity



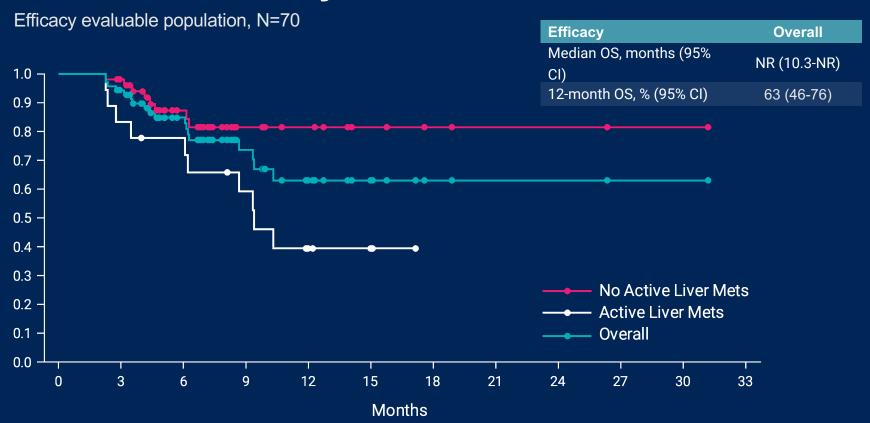
- > 750 patients treated; 10 ongoing trials / 2 completed
- Complete blocker of PD-1-PD-L1/2 interactions
- Enhanced T cell activation and effector function

El-Khoueiry AB, et al. Presented at: ASCO;2023. El-Khoueiry AB, et al. Presented at: SITC;2021. Poster 479. Wilky B, et al. SITC;2022. Abstract 778. Waight JD, et al. Cancer Cell. 2018;33(6):1033-1047. NCT03860272. Accessed July 1, 2023. https://classic.clinicaltrials.gov/ct2/show/NCT03860272. O'Malley DM, et al. Gynecol Oncol. 2021;163(2):274-280. O'Malley DM, et al. J Clin Oncol. 2022; 40(7):762-771.

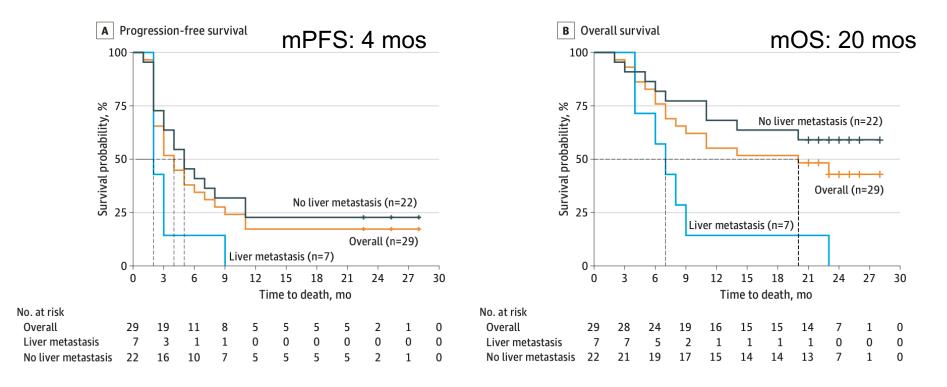
Efficacy: Durable Objective Responses



Overall Survival by Liver Involvement



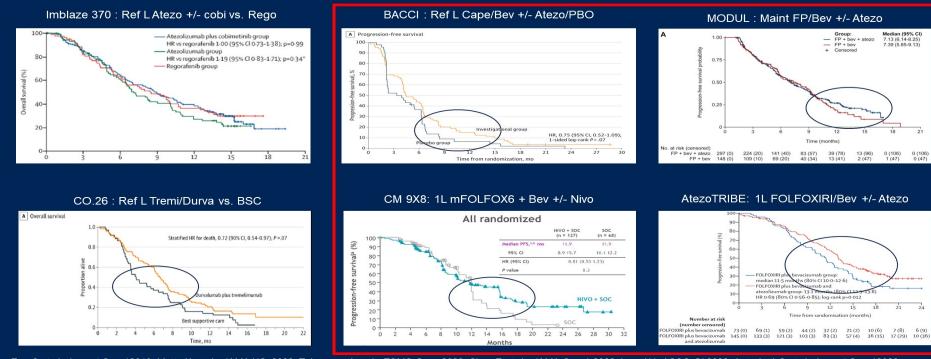
Phase 1 Study Rego/Nivo/Ipi in MSS mCRC

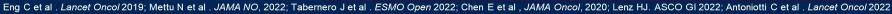


RR: No liver mets (22): 36%, Liver mets (7): 0%

Fakih M, et al. *JAMA Oncol.* 2023;9(5):627-634.

Knowledge Prior to ASCO 2023 Randomized PII/III studies with IO+ for MSS mCRC: From Negative to Borderline Positive







#ASCO23

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FOLFOXIRI Plus Bevacizumab and Atezolizumab as upfront Treatment of Unresectable mCRC Patients: Updated and Overall Survival Results of the Phase II Randomized AtezoTRIBE Study

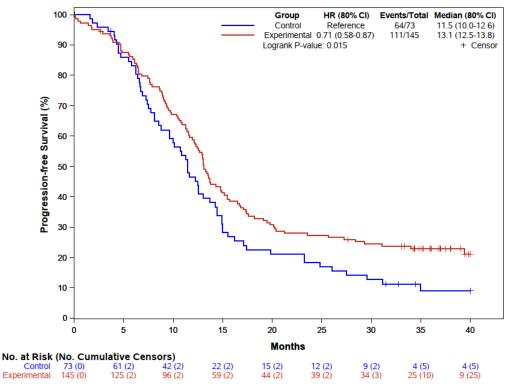
Carlotta Antoniotti, Daniele Rossini, Filippo Pietrantonio, Lisa Salvatore, Federica Marmorino, Margherita Ambrosini, Sara Lonardi, Maria Bensi, Roberto Moretto, Stefano Tamberi, Ilaria Toma, Alessandro Passardi, Maria Caterina De Grandis, Veronica Conca, Federica Palermo, Alessandro Cappetta, Aurelie Catteau, Luca Boni, Jérôme Galon, Chiara Cremolini

On behalf of GONO Foundation investigators

Carlotta Antoniotti, MD PhD
University Hospital of Pisa, Italy

Carlotta Antoniotti C, et al. Presented at: ASCO;2023.

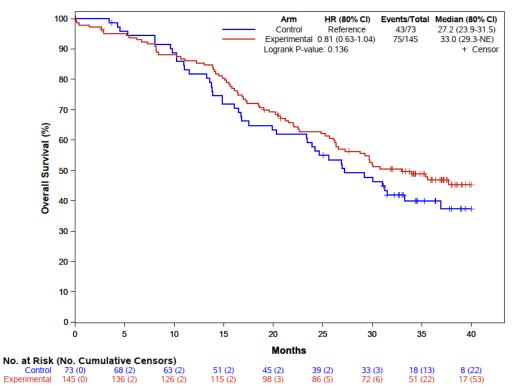
Updated PFS – ITT population



Cut-off date: January 23rd, 2023. At median follow-up: 37.0 months (IQR: 34.3-40.5)

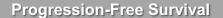
ITT = intention to treat.
Carlotta Antoniotti C, et al. Presented at: ASCO;2023.

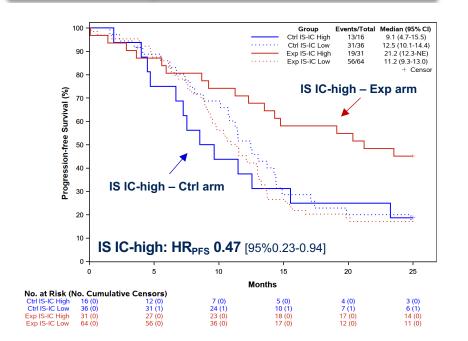
Overall Survival – ITT population



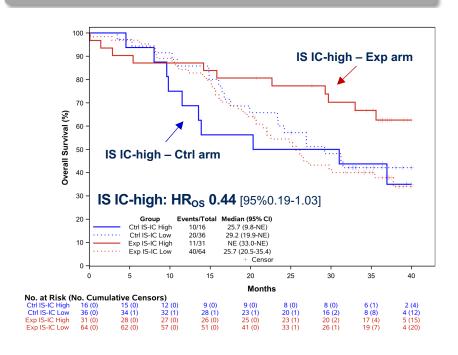
Cut-off date: January 23rd, 2023. At median follow-up: 37.0 months (IQR: 34.3-40.5)

Outcomes According to Immunoscore IC and Arm – pMMR Cohort





Overall Survival

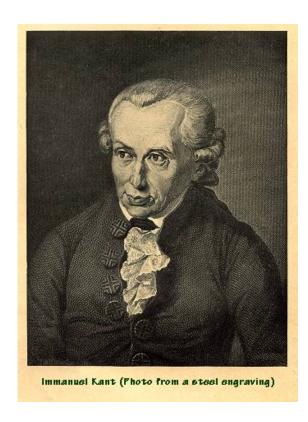


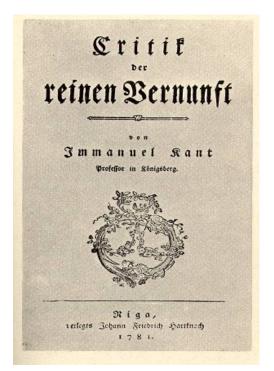
Carlotta Antoniotti C, et al. Presented at: ASCO;2023.

Our Goal: Right Treatment, Right Time

- Genetic testing of tumor at time of diagnosis and if repeat at time of progression
- Germline testing of patients if evidence of predisposition
- Active monitoring with liquid biopsies
- Accelerating access to clinical trials
- Identification of druggable novel targets
- Multi-omics approach in the future (ai)







The one who knows more, may decide better