





## Key Considerations in the Selection and Sequencing of Therapies for Patients with mCRC; Novel Investigational Approaches

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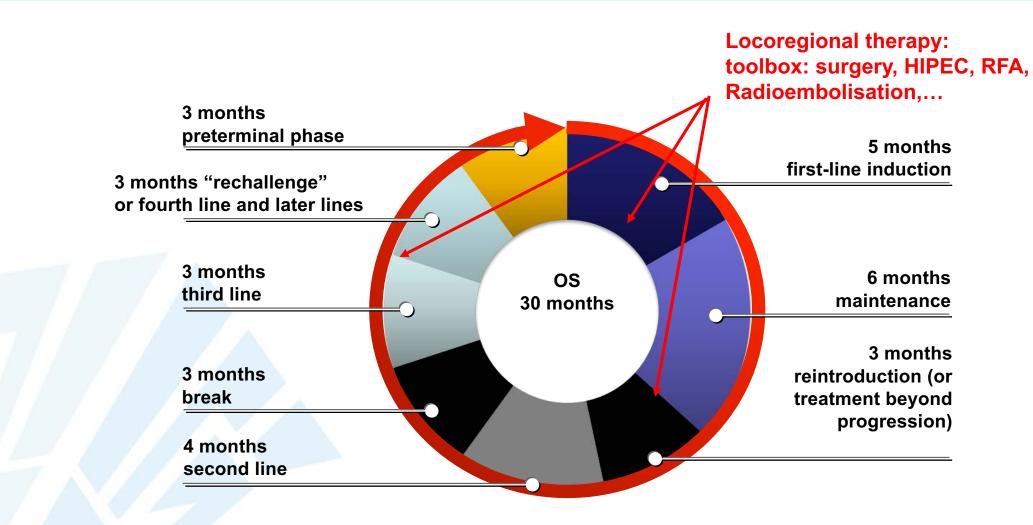
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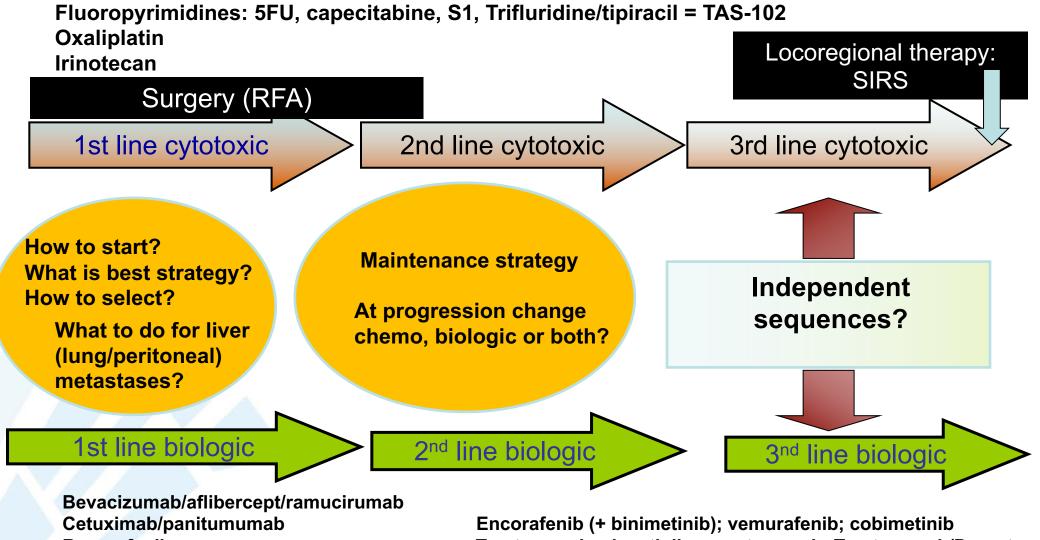
### A classical case of mCRC in 2021 CONTINUUM OF CARE





1991: OS 6 months

# The continuum of care of mCRC



Cetuximab/panitumumab Regorafenib Pembrolizumab/nivolumab ± ipilimumab Encorafenib (+ binimetinib); vemurafenib; cobimetinib Trastuzumab + lapatinib or pertuzumab; Trastuzumab/Deruxtecan Larotrectinib;

### Courtesy of Eric Van Cutsem, MD, PhD





### many are also valid in later line

Tour com the set of a static time	Deficient also as a familation	Treatment	
Tumour characteristics	Patient characteristics	characteristics	
Clinical presentation:			
Tumour burden	Age	Toxicity profile	
Tumour localisation			
Tumour biology	Performance status	Flexibility of treatment administration	
RAS mutation status	Organ function	Socio-economic factors	
BRAF mutation status	Comorbidities, patient attitude, expectation and preference	Quality of life	

# Patient and treatment characteristics become even more relevant in later lines

Van Cutsem E, Cervantes A, Arnold D et al, ESMO Consensus 2016 Ann Oncol, July 2016

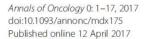


# Treatment Options in First-line of mCRC determines later lines of strategy



Regimen	Sidedness restriction	Molecular restriction	Preferred indication
Cape + BEV Or other fluoropyrimidine + BEV	None	None	Elderly patients, low-volume disease and 'not-eligible' for combo cytotoxics
FOLFOX/ CAPOX/ FOLFIRI + BEV	None	None	<ul><li>SOC for RAS mutant</li><li>SOC for Right-sided</li></ul>
FOLFOX/ FOLFIRI + EGFR mAb	Left-sided	RAS/ BRAF wt (HER-2 neg?)	SOC left-sided wt-type cancers
FOLFOXIRI + BEV	None	None	<ul> <li>Aggressive cancers         <ul> <li>(w.g. BRAF mut, R-sided)</li> <li>Neoadjuvant</li> </ul> </li> </ul>
FOLFOXIRI + EGFR mAb	Left-sided	RAS/ BRAF wt (HER-2 neg?)	<ul> <li>Left-sided cancers with high tumor burden</li> <li>Neoadjuvant</li> </ul>
PD-1 antibody: Pembro / IO combo	None	MSI-H/ MMR-D	Pts with MSI-H cancers
BEACON(-like) in future?	None	BRAF V600E mut	Data in first-line pending







SPECIAL ARTICLE

Prognostic and predictive value of primary tumour side in patients with *RAS* wild-type metastatic colorectal cancer treated with chemotherapy and EGFR directed antibodies in six randomized trials<sup>†</sup>

D. Arnold<sup>1</sup>, B. Lueza<sup>2</sup>, J.-Y. Douillard<sup>3</sup>, M. Peeters<sup>4</sup>, H.-J. Lenz<sup>5</sup>, A. Venook<sup>6</sup>, V. Heinemann<sup>7</sup>, E. Van Cutsem<sup>8</sup>, J.-P. Pignon<sup>2</sup>, J. Tabernero<sup>9</sup>, A. Cervantes<sup>10,11</sup> & F. Ciardiello<sup>12\*</sup>

- Data and recommendations: First line Ras wild-type mCRC:
  - Left sided tumors have a better prognosis than right sided tumors.
  - Sidedness is predictive in first line treatment of RAS Wt tumours:
    - Left sided tumors benefit more from anti-EGFR antibodies.
    - Right sided tumors benefit slightly more from bevacizumab
- Sidedness concept does not influence my practise in RAS mutant tumors and in pretreated patients

Courtesy of Eric Van Cutsem, MD, PhD



# Preferred choices in second line treatment of mCRC



	Goal / condition	Molecular	Prefered 2nd line regimen			
	Cytoreduction (conversion/ symptom relief)	all WT	1st line doublet + EGFR Ab: doublet + bevacizumab 1st line doublet + bev.: doublet + bevacizumab Oxaliplatin → irinotecan based Irinotecan → oxaliplatin based			
	Disease stabilization	RAS mut	FOLFOX/beva or FOLFIRI/beva alternatives FOLFIRI/aflibercept or (ramucirumab)			
		MSI-H	Pembrolizumab / nivolumab ± ipilimumab			
7		BRAF mut V600E	Cetuximab + encorafenib			
1		HER2 amplified	Second line or later line? Combination anti-HER2			
		NTRK alterations	Second line or later line? NTRK-TKI			
6		Other: experimental	Trial			
	"frail"	MSS	<ul> <li>5FU or Capecitabine + beva if first line EGFR Ab</li> <li>RAS &amp; BRAF wild type: EGFR Ab ± irinotecan if first line fluoropyrimidine + beva</li> </ul>			
		MSI-H	Pembrolizumab / nivolumab ± ipilimumab			





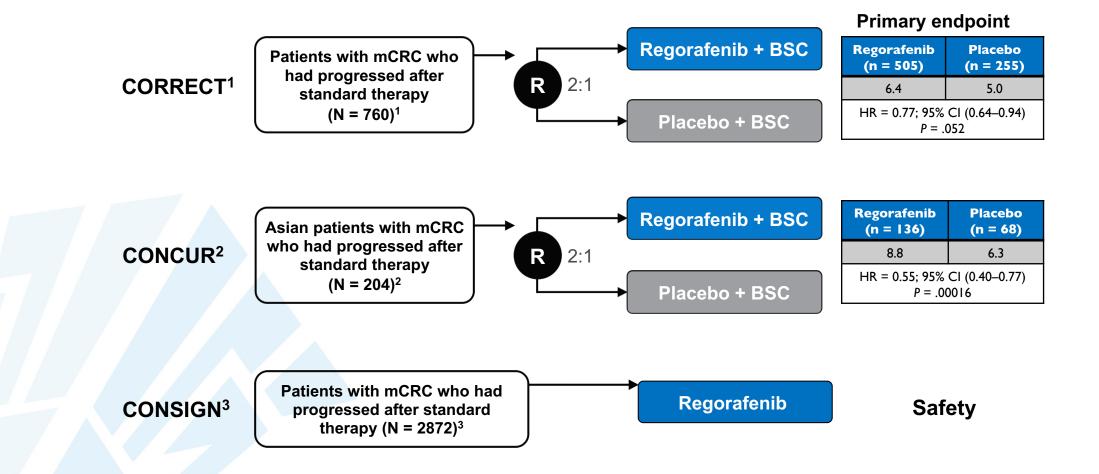
Category	Fit patients <sup>b</sup>					
Treatment goal	Cytoreduction (tumour shrinkag	ge)		Disease control (control of progr	ression)	
Third line Preferred choice (s)	CT doublet + EGFR antibody <sup>c,f</sup> or irinotecan + cetuximab <sup>f</sup>	Regorafenib or trifluridine/ tipiracil	Regorafenib or trifluridine/ tipiracil	CT doublet + EGFR antibody <sup>c</sup> or irinotecan + cetuximab	Regorafenib or trifluridine/tipiracil	Regorafenib or trifluridine/tipiracil
Second choice	EGFR antibody monotherapy <sup>f</sup>			EGFR antibody monotherapy <sup>f</sup>		
Third choice	Regorafenib or trifluridine/ tipiracil			Regorafenib or trifluridine/ tipiracil		

### Update based on data:

 molecular analysis esp. for druggable markers: MSI, BRAF V600E, HER2, NTRK fusions, POLE mutation: targeted agents or IO agents





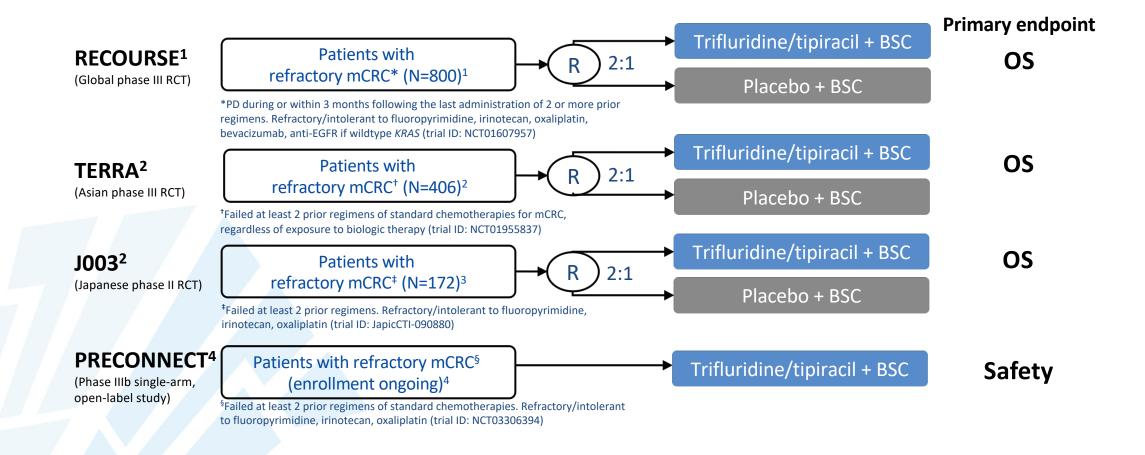


1. Grothey A, Van Cutsem E, et al. Lancet. 2013;381:303-312; 2. Li J, et al. Lancet Oncol. 2015;16:619-629; 3. Van Cutsem E, et al. The Oncologist 2019; 2:185-192.

Courtesy of Eric Van Cutsem, MD, PhD







1. Mayer RJ, Van Cutsem E et al. N Engl J Med 2015;372:1909–19; 2. Xu J, et al. J Clin Oncol 2018;36:350–8; 3. Yoshino T, et al. Lancet Oncol 2012;13:993–1001; 4. Falcone A, ...Van Cutsem E et al. WCGIC 2018 (Oral and Poster Presentation). Abstract O-013

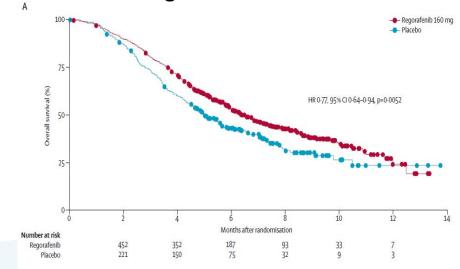
Courtesy of Eric Van Cutsem, MD, PhD

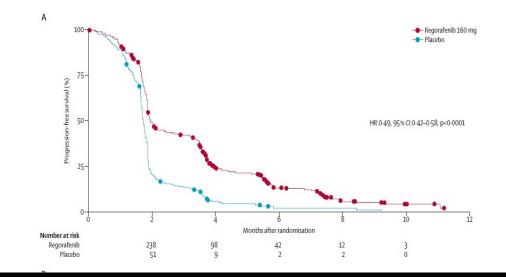


# Regorafenib and trifluridine/tipiracil in refractory mCRC:

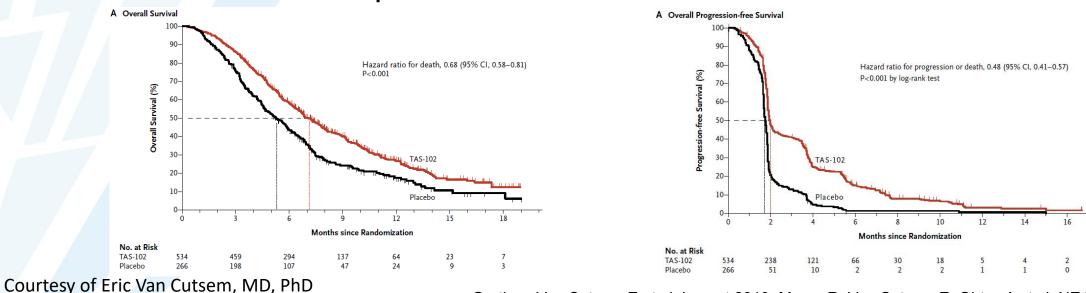


**CORRECT:** regorafenib

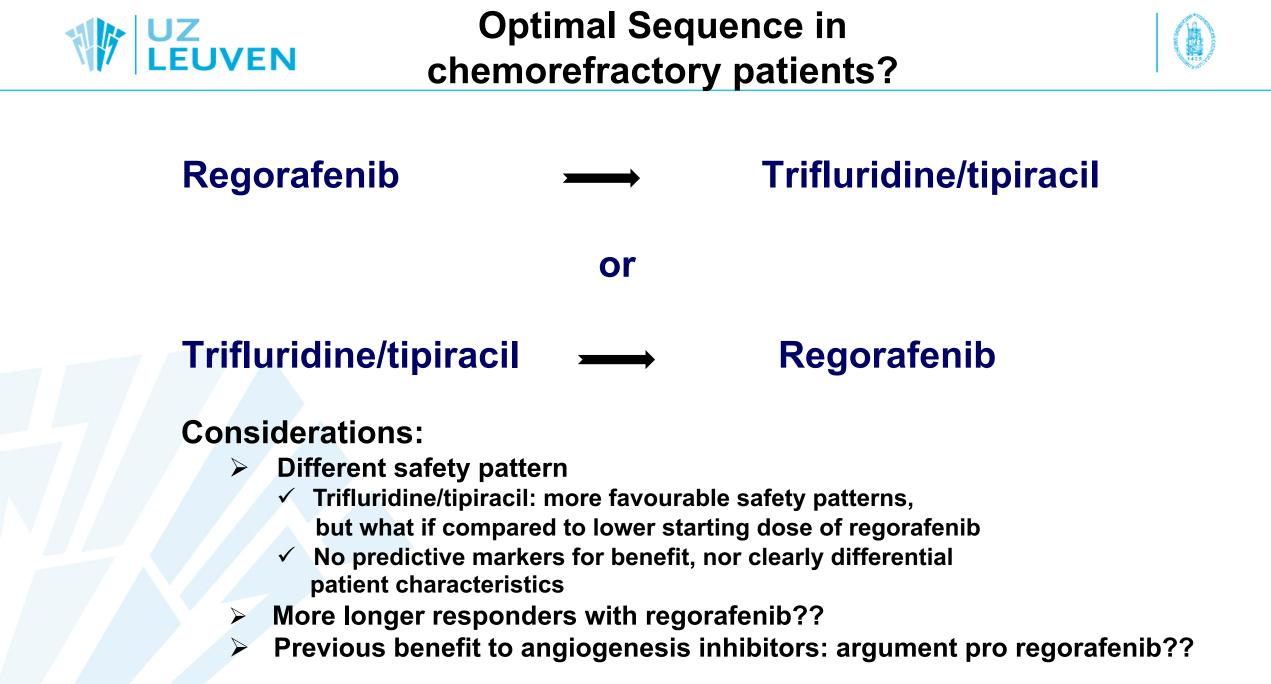




### **RECOURSE: trifluridine/tipiracil**



Grothey, Van Cutsem E et al, Lancet 2013; Mayer R, Van Cutsem E, Ohtsu A et al NEJM, 2015





## Ongoing combination trials of TAS-102 in mCRC



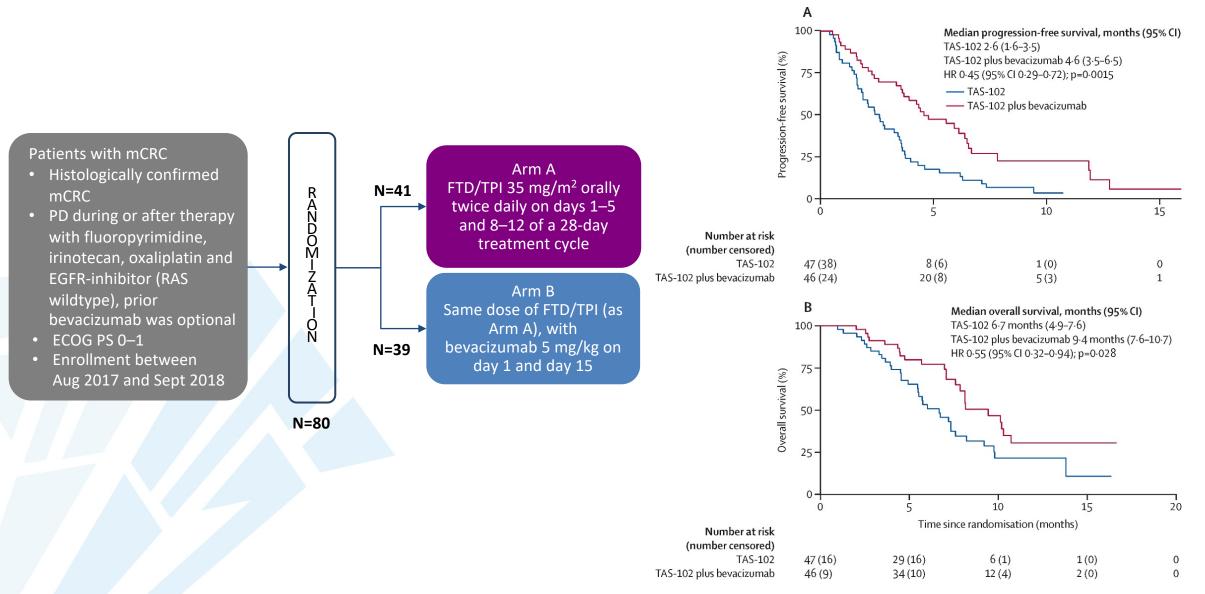
Indication	Treatments	Phase	Study status
mCRC, IL	Trifluridine/tipiracil + bevacizumab vs capecitabine + bevacizumab (TASC01)	Randomized Phase II	Recruitment completed
mCRC, IL	Trifluridine/tipiracil + bevacizumab vs capecitabine + bevacizumab (SOLSTICE)	Randomized Phase III	Recruiting
mCRC, 2L	Trifluridine/tipiracil + oxaliplatin + bevacizumab or nivolumab	Phase I	In progress
mCRC, 2L	Trifluridine/tipiracil + irinotecan	Phase I	Recruitment completed
mCRC, 3/4L	Trifluridine/tipiracil + nivolumab	Phase II	In progress
mCRC, 3L	Trifluridine/tipiracil ± bevacizumab (SUNLIGHT)	Randomized Phase III	Recruiting
mCRC 3L	PRECONNECT	Phase IIIb	Results available
mCRC, pretreated	Tas-102 + nintedanib Tas-102 + panitumumab	Phase I/II	In progress

Courtesy of Eric Van Cutsem, MD, PhD

Source: https://www.clinicaltrials.gov/

### UZ Danish randomized phase II trial: LEUVEN Trifluridine/tipiracil +/- bevacizumab for chemo-refractory mCRC





#### Courtesy of Eric Van Cutsem, MD, PhD

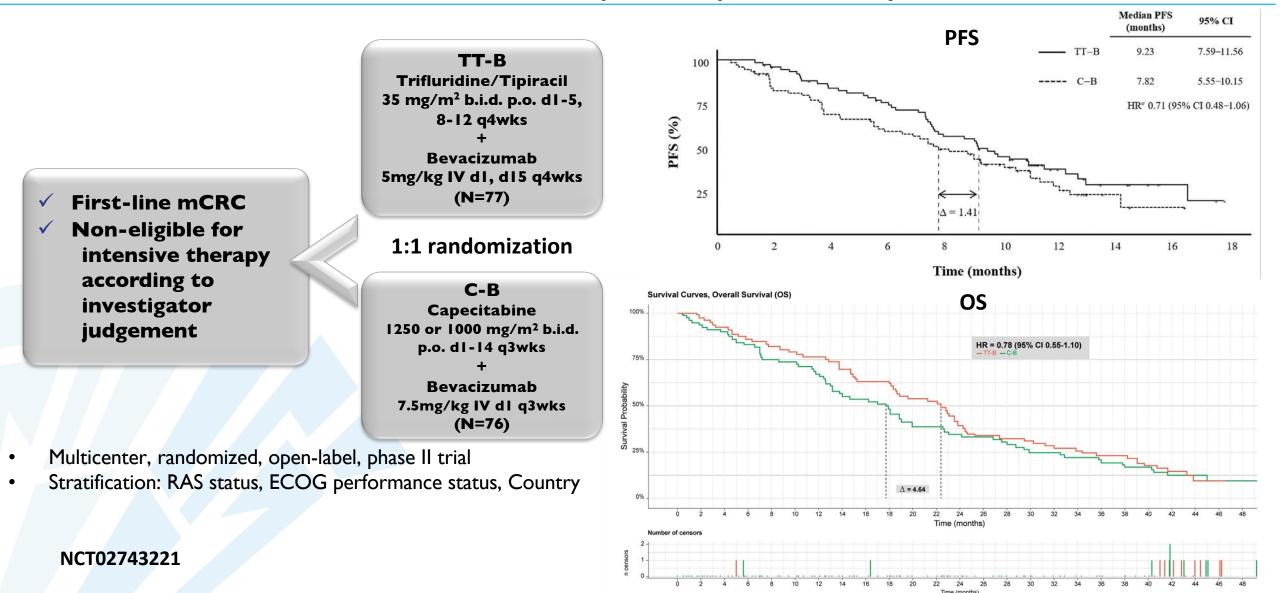
#### Pfeiffer P et al, Lancet Oncol 2020



## **TASCO1** in first line mCRC:

### non-comparative phase II study





Courtesy of Eric Van Cutsem, MD, PhD

Van Cutsem E et al, Ann Oncol 2020. Van Cutsem E et al, ASCO GI 2021



Dose-escalation group (n=54)

### Regorafenib dose-optimisation in patients with refractory metastatic colorectal cancer (ReDOS): a randomised, multicentre, open-label, phase 2 study



Tanios S Bekaii-Saab, Fanq-Shu Ou, Daniel H Ahn, Patrick M Boland, Kristen K Ciombor, Erica N Heying, Travis J Dockter, Nisha L Jacobs, Boris C Pasche, James M Cleary, Jeffrey P Meyers, Rodwige J Desnoyers, Jeannine S McCune, Katrina Pedersen, Afsaneh Barzi, E Gabriela Chiorean, Jeffrey Sloan, Mario E Lacouture, Heinz-Josef Lenz, Axel Grothey

Daily regorafenib dose received

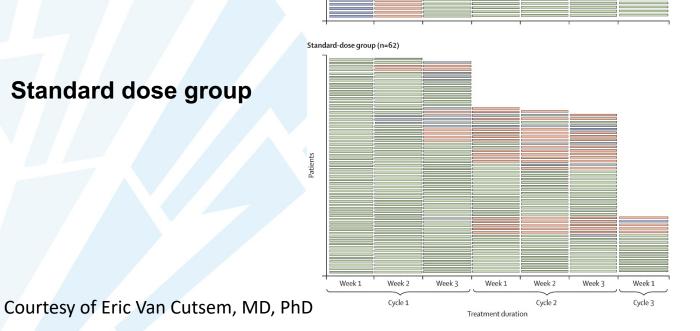
🔲 0 mg

**80 mg** 🔲 120 mg

160 mg

### Dose escalation arm





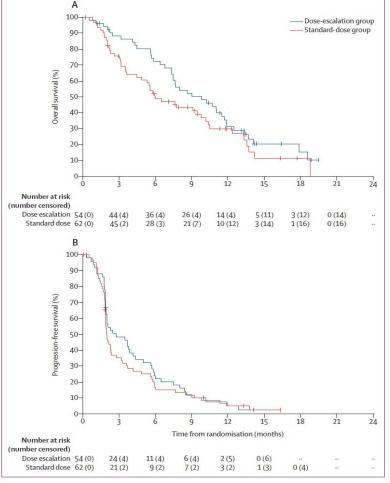
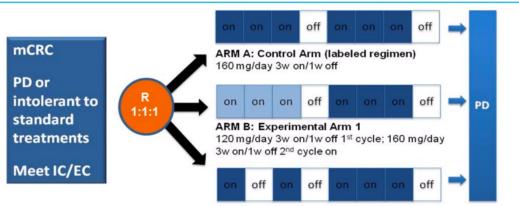


Figure 2: Overall survival (A) and progression-free survival (B) in the dose-escalation and standard-dose groups

Censored patients are marked on the curves with a cross.

#### The Lancet Oncology 2019: DOI: (10.1016/S1470-2045(19)30272-4)

### W UZ LEUVEN REARRANGE Study: regorafenib optimal dose seeking



ARM C: Experimental Arm 2 160 mg/day 1w on/1w off 1<sup>st</sup> cycle; 160 mg/day 3w on/1w off 2<sup>nd</sup> cycle on

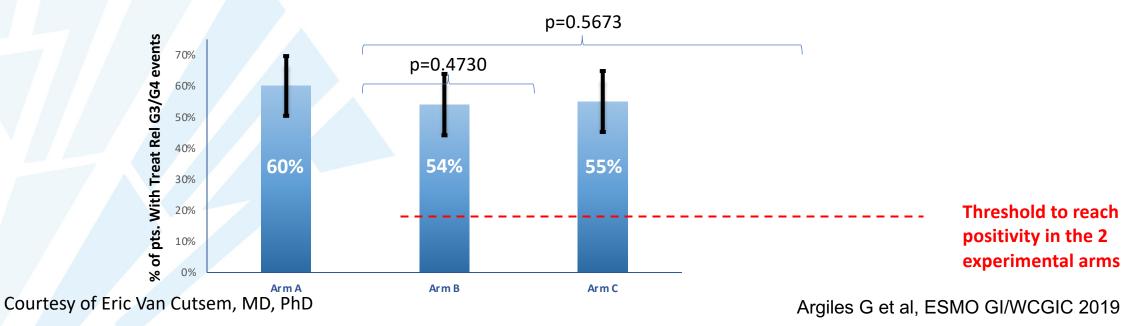
#### **Primary endpoint:**

 Safety :% of patients having G3/G4 AEs during the entire course of the treatment

#### Secondary endpoints:

- OS
- PFS
- % of Patients starting C3 on each arm
- Dose intensity
- DCR

### **Primary Endpoint:** Pts having G3/G4 AEs during treatment course



## 



### Appealing combinations:

- ✓ Interesting phase 2 study: trifluridine/tipiracil + bevacizumab
- Exploring other combinations e.g.
  - Cobimetinib + atezolizumab
  - Regorafenib + nivolumab
  - IO combinations + TKI

### New drugs:

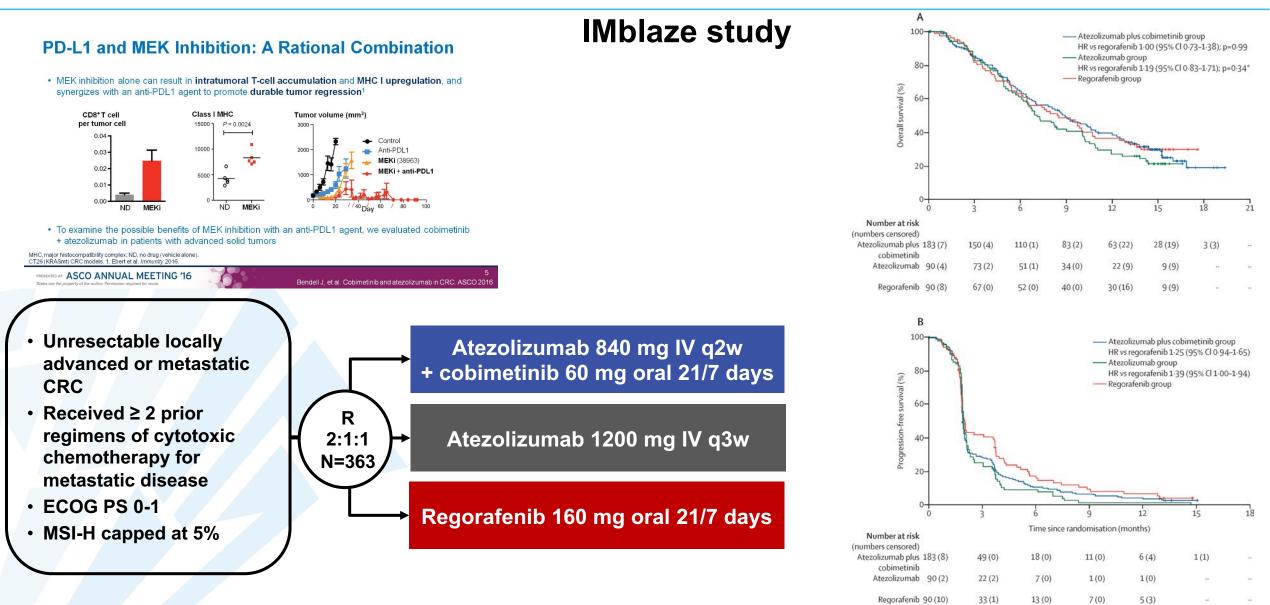
✓ Napabucasin✓ CAR-T-cells✓ ......

Courtesy of Eric Van Cutsem, MD, PhD

Pfeiffer P et al, Lancet Oncol 2021; Van Cutsem E et al, Ann Oncol 2020; Hara H et al, ESMO GI/WCGIC 2019; Van Cutsem E et al, ESMO GI/WCGIC 2019, Eng C et al, Lancet Oncol 2019

## W LEUVEN PD-L1 and MEK inhibition in MSS tumors





#### Courtesy of Eric Van Cutsem, MD, PhD

#### Eng C et al, Lancet Oncol 2019

## UZ Ongoing I/O combination trials in MSS CRC investigate LEUVEN strategies to turn "cold" tumors" into "hot"



	Anti-PD-L1	Anti-PD-1		
4 trials Atezolizumab	6 trials Durvalumab	4 trials Avelumab	15 trials Nivolumab	15 trials Pembrolizumab
+ Cobimetinib + bevacizumab <sup>1</sup>	<ul> <li>+ Cabozantinib<sup>5</sup></li> <li>+ Selumetinib ± tremelimumab<sup>6</sup></li> </ul>		+ Regorafenib <sup>14</sup>	<ul> <li>+ Maraviroc<sup>27</sup></li> <li>+ Romidepsin ± chemotherapy<sup>28</sup></li> <li>+ Grapiprant<sup>29</sup></li> <li>+ Binimetinib<sup>30</sup></li> <li>+ Pemetrexed + oxaliplatin<sup>40</sup></li> </ul>
<ul> <li>Imprime PGG + bevacizumab or isatuximab or selicrelumab + bevacizumab vs regorafenib<sup>2</sup></li> </ul>		+ Regorafenib <sup>10</sup>	<ul> <li>+ Regorafenib<sup>15</sup></li> <li>+ Copanlisib<sup>16</sup></li> <li>+ ONC201<sup>17</sup></li> <li>+ Binimetinib ± ipilimumab<sup>18</sup></li> <li>+ GO-004 GRT-C901/GRT-R902 ± ipilimumab<sup>23</sup></li> <li>+ Guadecitabine<sup>26</sup></li> </ul>	<ul> <li>Epacadostat + azacitidine/INCB057643/ INCB059872<sup>31</sup></li> <li>Poly-ICLC<sup>32</sup></li> <li>Napabucasin<sup>33</sup></li> <li>Regorafenib<sup>34</sup></li> <li>EDP1503<sup>35</sup></li> <li>Birinapant<sup>41</sup></li> <li>Entinostat<sup>39</sup></li> </ul>
<ul> <li>+ Bevacizumab + chemotherapy<sup>3</sup></li> <li>+ Bevacizumab + chemotherapy<sup>4</sup></li> </ul>	<ul> <li>+ Trametinib<sup>7</sup></li> <li>+ Azacitidine<sup>8</sup></li> <li>+ Monalizumab<sup>9</sup></li> </ul>	<ul> <li>+ Cetuximab + chemotherapy<sup>11</sup></li> <li>+ eFT508<sup>12</sup></li> <li>+ Cetuximab + FOLFOX<sup>13</sup></li> </ul>	<ul> <li>+ Relatlimab<sup>19</sup> + BNC105 or</li> <li>+ Panitumumab + napabucasin<sup>24</sup></li> <li>ipilimumab<sup>20</sup> + Ipilimumab +</li> <li>+ Ipilimumab<sup>21</sup> temozolomide<sup>25</sup></li> <li>+ BNC105 or BBI608<sup>22</sup></li> </ul>	<ul> <li>+ Navarixin<sup>36</sup></li> <li>+ Vicriviroc<sup>37</sup></li> <li>+ Bevacizumab + capecitabine<sup>38</sup></li> </ul>

1. NCT02876224; 2. NCT03555149; 3. NCT03721653; 4. NCT03698461; 5. NCT03539822; 6. NCT02586987; 7. NCT03428126; 8. NCT02811497; 9. NCT02671435; 10. NCT03475953; 11. NCT03608046; 12. NCT03258398; 13. NCT03174405; 14. NCT03712943; 15. NCT03406871; 16. NCT03711058; 17. NCT03791398; 18. NCT03271047; 19. NCT03642067; 20. NCT03442569; 21. NCT03693846; 22. NCT03647839; 23. NCT03639714; 24. NCT03647839; 25. NCT03832621; 26. NCT03576963; 27. NCT03274804; 28. NCT02512172; 29. NCT03658772; 30. NCT03374254; 31. NCT02959437; 32. NCT02834052; 33. NCT02851004; 34. NCT03657641; 35. NCT03775850; 36. NCT03473925; 37. NCT03631407; 38. NCT03396926; 39. NCT02437136; 40. NCT03626922; 41. NCT02587962. ClinicalTrials.gov searched in June 2019. Studies may include combinations with additional agents.

#### Courtesy of Eric Van Cutsem, MD, PhD

Ph1

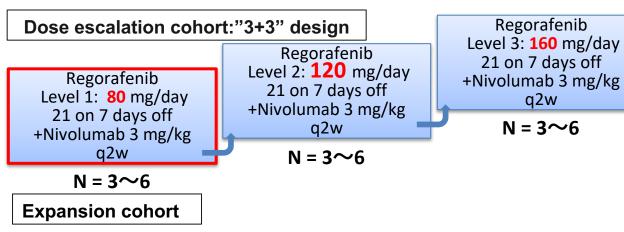
Ph1/2

Ph2

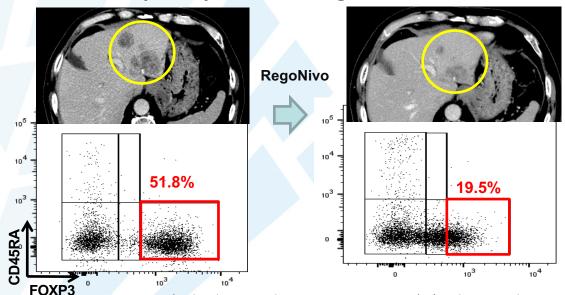


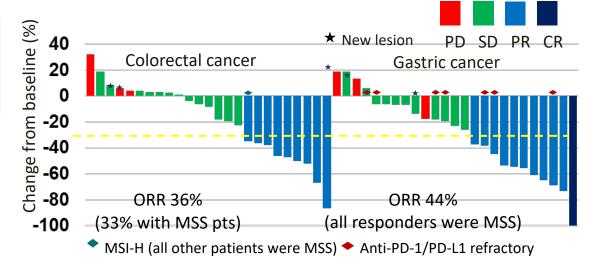
## **REGONIVO** (SO-007: #96 ESMO GI2020)





Total N = 36 (Colorectal cancer, Gastric cancer) <u>Proof-of-Concept; Depletion of Tregs</u>





### Summary (CIT in MSS)

	REGO NIVO <sup>1)</sup>	KEYNOT E-028 <sup>2)</sup>	CheckM	ate 142 <sup>3)</sup>	IMblaz	e370 <sup>4)</sup>	CCTG CO.26 <sup>5)</sup>
Regimen	Nivo/ REG	Pembro	Nivo1/ Ipi3	Nivo3/ Ipi1	Atezo/ Cobi	Atezo	Durva/ Treme
Ν	25	23	10	10	183	90	119
MSS	96%	96%	100%	100%	93%	92%	98%
ORR	36% (MSS 33%)	4%	10%	0%	2.7%	2.2%	-
DCR	88%	20%	-	-	26.2%	21.1%	-
PFS	6.3m	1.8m	2.3m	1.31m	1.9m	1.9m	1.8m
OS	NR	5.3m	11.5m	3.73m	8.9m	7.1m	6.6m

1)Fukuoka S, et al. ASCO 2019 #2522. 2)O'Neil BH, et al. PLoS One 2017. 3)Overman MJ, et al. ASCO 2016. 4)Bendell J, et al. WCGC 2018. 5) Chen E, et al. ASCO-GI 2019. Hoff S, et al. ESMO 2017 #1198P. Hara H, et al. WCGC 2019 SO-007: #96.

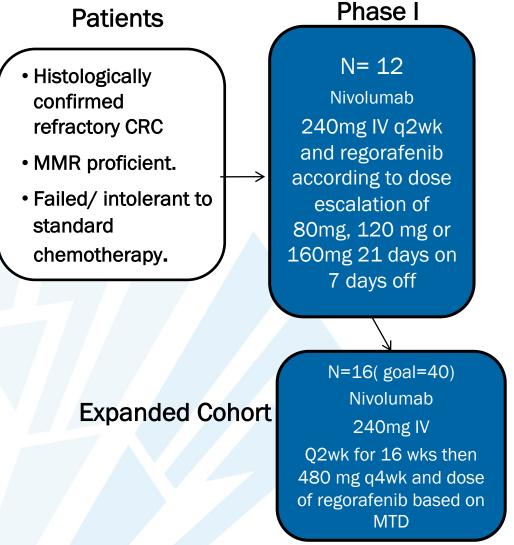
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Courtesy of Eric Van Cutsem, MD, PhD

### Phase I/IB study of Regorafenib and Nivolumab in Mismatch Repair (MMR) Proficient Advanced Refractory Colorectal Cancer

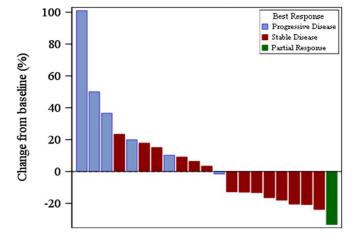


### As of 3/2/2020, 28 patients were treated



Best Overall Response	N = 21
CR	0
PR (unconfirmed)	1 (4.8%)
SD	14 (66.7%)
DCR	15 (71.4%)
PD	6 (28.6%)

7 patients were not evaluable for RR (3 DLTs, 3 consent withdrawal and 1 clinical progression)



Kim R et al, Ann Oncol 2020, ESMO GI/WCGIC abstr 0-20

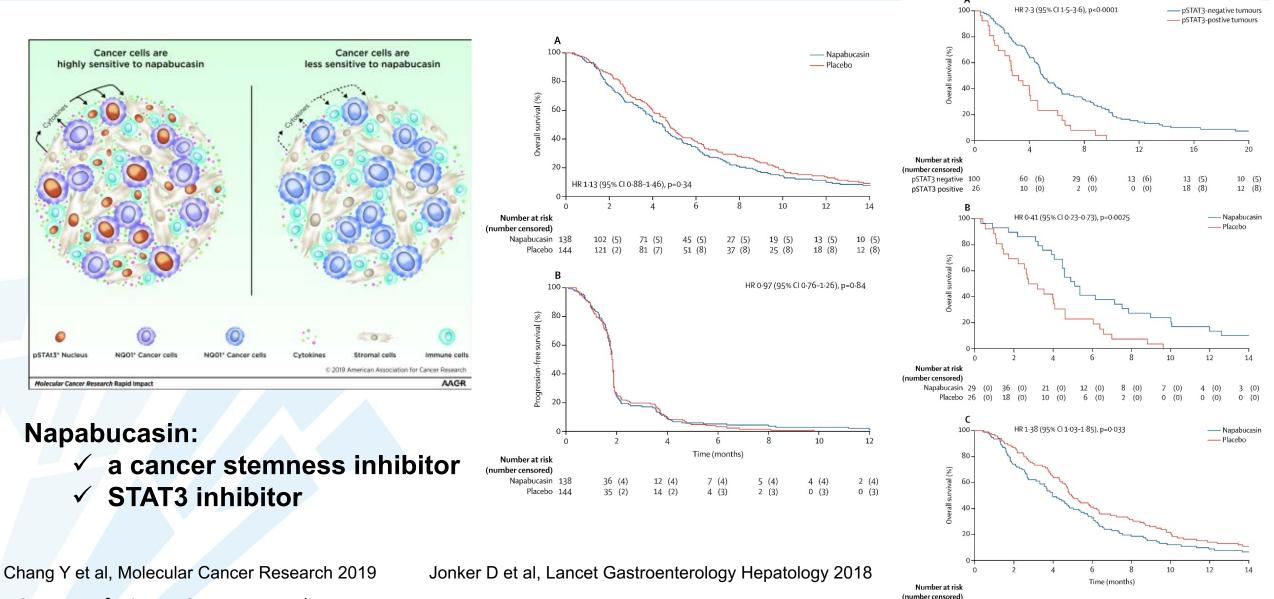
# UZ Napabucasin versus placebo in refractory advanced colorectal cancer: a randomised phase 3 trial



11

13

10 (6)



Napabucasin

Placebo 100

85

60

Courtesy of Eric Van Cutsem, MD, PhD

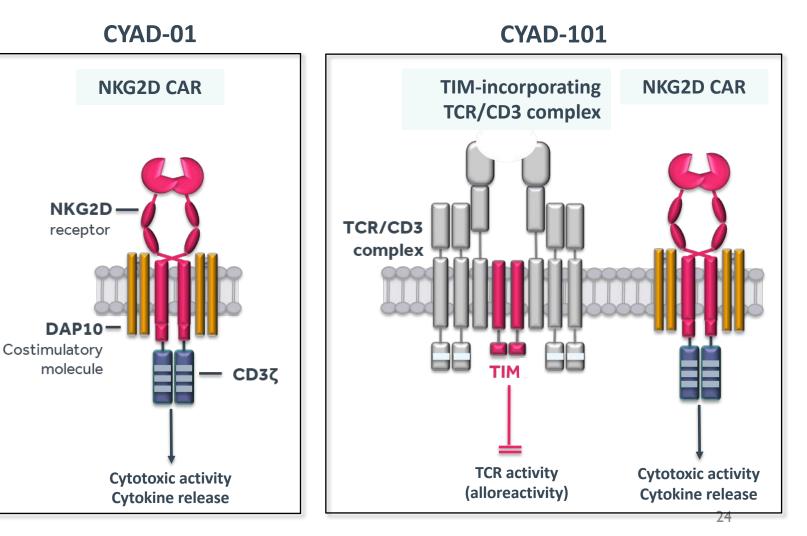
## Two NKG2D CAR T-cells: autologous CYAD-01 and allogeneic CYAD-101



NKG2D is an activating receptor expressed on natural killer (NK) cells which binds up to eight ligands expressed on a broad range of malignancies and absent in normal tissues

EUVEN

- CYAD-01 are <u>autologous</u> (patient's own cells) NKG2D-CD3ζ chimeric antigen receptor (CAR) T-cells
- CYAD-101 are <u>allogeneic</u> (healthy donorderived) NKG2D-CD3ζ CAR T-cells coexpressing a TCR inhibitory molecule (TIM) to reduce the alloreactivity



Courtesy of Eric Van Cutsem, MD, PhD

Van Cutsem E et al, Ann Oncol 2019, ESMO GI/WCGIC S-009



## SHRINK and ALLOSHRINK Phase I clinical studies in mCRC



	SHRINK study (NCT03310008)	ALLOSHRINK study (NCT03692429)
Investigational product	Autologous (patient's derived cells) CYAD-01	Allogeneic (healthy donor's derived cells) CYAD-101
Patient population	<ol> <li>Unresectable mCRC and</li> <li>Recurrent/progressing after at least 1 metastatic line,</li> <li>Due to receive FOLFOX chemotherapy (re-challenge).</li> <li>mCRC with resectable liver metastases and</li> <li>Due to receive 1<sup>st</sup> line metastatic neoadjuvant FOLFOX treatment,</li> <li>No evidence of extra-hepatic metastases,</li> <li>Primary tumor resected or resectable.</li> </ol>	<ol> <li>Unresectable mCRC and         <ul> <li>Recurrent/progressing after at least 1 metastatic line,</li> <li>Due to receive FOLFOX chemotherapy (re-challenge).</li> </ul> </li> </ol>
Study design	<ul> <li>Apheresis at D-21 to produce CAR T-cells</li> <li>Concurrent administration of six FOLFOX cycles</li> <li>3 CYAD-01 infusions Q2W at Day 3 of the 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> FOLFOX chemotherapy cycles</li> <li>Potential consolidation cycle of 3 CYAD-01 infusions with or without concurrent FOLFOX if no progression after 1<sup>st</sup> cycle of treatment</li> </ul>	<ul> <li>[no apheresis !]</li> <li>Concurrent administration of six FOLFOX cycles</li> <li>3 CYAD-101 infusions Q2W at Day 3 of the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> FOLFOX chemotherapy cycles</li> </ul>
Doses	<ul> <li>3 dose-levels (dose escalation, 3+3 design)</li> <li>1x10<sup>8</sup>, 3x10<sup>8</sup> and 1x10<sup>9</sup> CYAD-01 per injection</li> </ul>	<ul> <li>3 dose-levels (dose escalation, 3+3 design)</li> <li>0 1x10<sup>8</sup>, 3x10<sup>8</sup> and 1x10<sup>9</sup> CYAD-101 per injection</li> </ul>

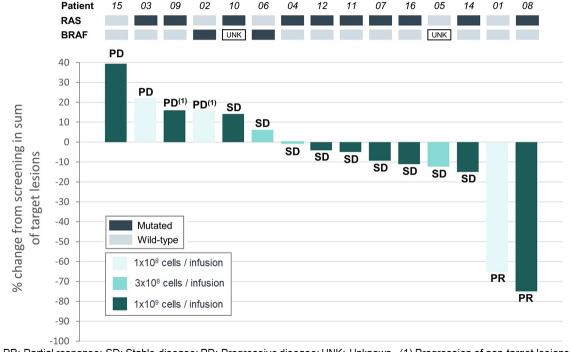
### Courtesy of Eric Van Cutsem, MD, PhD

Van Cutsem E et al, Ann Oncol 2019, ESMO GI/WCGIC S-009

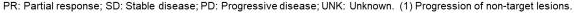


Updated data from the alloSHRINK Phase 1 First-in-Human Study evaluating CYAD-101, an innovative Non-Gene-Edited Allogeneic CAR-T, in mCRC

### **Results – change of target lesions**



- At the highest CYAD-101 dose level (n = 9), 6 patients have shown some evidence of tumor control by RECIST 1.1 criteria
- The median progression freesurvival is 3.94 months (range: 1.2-8.1 months)
- The overall survival is **10.58** months (range: 1.9-18.7 months)





#### Courtesy of Eric Van Cutsem, MD, PhD

Presented By Prenen H.... Van Cutsem E at 2021 Gastrointestinal Cancers Symposium





## Male patient, born in 1966

- 12-2017: sigmoid adenocarcinoma with livermetastases, multipele, not-resectable
- ECOG 0; normal organ function.
- Start FOLFOX + bevacizumab . Objective response

CEA: decrease from 600 to 8.7

- 08-2018: chemo break no maintenance chemo
- 12-2018: progression.
- Inclusion in phase 3 trial: FOLFIRI +/- napabucin
- Initial response, but after 9 months slight progression
- 09-2019: reintroduction: FOLFOX-bevacizumab.
- 03-2020: increase of CEA and progression of liver metastases and a few small lung metastases.





## Male patient, born in 1966

- Second opinion in Leuven:
- ECOG 1; normal organ function
   Tumor: N-RAS mutation, MSS, BRAF wild type, HER-2 neg, NTRK negative
- 06-2020: Start trifluridine/tipiracil (TAS-102) + bevacizumab in Leuven.
- Till 12-2020: Tumor stabilisation ; very good clinical condition

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Male patient, born in 1966

Banker; fighter and very motivated

- 06-2014: rectum adenocarcinoma. Pre-opstaging MRI: cT3N0M0 Neo-adjuvant chemoradiotherapy (50Gy, continuous infusion 5FU). pTN3N0MO postoperative adjuvant chemotherapy 5FU/LV 4 months till early 2015.
- 03-2016: elevated CEA & liver metastases bilobar with localisation close to central vessels not resectable.

Inclusion in Module study – induction with 8 cycli Folfox/bevacizumab Objective response after 4 and confirmed (deeper response) afeter 8 courses.

- 30/06/2016: laparoscopic microwaveablation of 4 levermetastases (S7, S5/8, S8, S6) Postoperative mFOLFOX-bevacizumab.
- 9/2016: No evidence of disease stop chemo
- 04/2017: increased CEA: 3 small lung metastases & 2 new liver metastases: reintroduction of mfolfox + bevacizumab

Courtesy of Eric Van Cutsem, MD, PhD





### Male patient, born in 1966

- 06/2017: after 4 cycli: response of liver metastases (segment 4b and 7) and decrease of 3 lung metastases in right lung lower lobe, right mid lobe, and left lower lobe
  - ✓ Laparoscopic right hemihepatectomy (intentention 2 stage lung resection)
  - ✓ 08/2017: ct thorax abdomen: no livermetastases, growth of 3 lungmetastases
  - ✓ 09/2017: Bilateral thoracoscopic wedge resection (right lung lower lobe, right mid lobe, and left lower lobe) of 3 lung metastases (histology adenocarcinoma, R0 resection)
- Postoperative mFOLFOX-bevacizumab till 01/2018: NED.





### Male patient, born in 1966

- 05/2018: Relapse with 2 small lung metastases and 2 liver metastases (oligometastastatic) ECOG PS: 0; Normal organ function Tumor: MSS - KRAS mutation; BRAF wt;
  - no other druggable alterations
- Inclusion in Canstem303c study (Folfiri +bevacizumab + BBI-608 (napabucasin)

Partial response of lung metastases and disappearance of liver metastases

11/2018: Thorascopic resection of 2 lung metastases: right lung (wedge)
 NED

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### Male patient, born in 1966

- 04/2019: progression inclusion in alloSHRINK study (Folfox 6 cycles till July 2019 + CAR-T cells CYAD-101 3 administrations)
- 06/2019: partial response
- 12/2019: persisting response
- 3/2020: progression: reintroduction of FOLFOX/bevacizumab : regression
   9/2020: chemo break
- 12/2020: WHO: 0 and normal organ function, but progression of lung and liver metastases:

reintroduction of FOLFOX/bevacizumab February 2021: treatment ongoing ECOG PS: 0 toxicity: fatigue Gr 1 and PNP grade 1