

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 8-K
CURRENT REPORT

Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): September 26, 2011 (September 25, 2011)

REGENERON PHARMACEUTICALS, INC.
(Exact Name of Registrant as Specified in Charter)

New York
(State or other jurisdiction of
Incorporation)

000-19034
(Commission File No.)

13-3444607
(IRS Employer Identification No.)

777 Old Saw Mill River Road, Tarrytown, New York 10591-6707
(Address of principal executive offices, including zip code)

(914) 347-7000
(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 7.01 Regulation FD Disclosure.

On September 25, 2011, at the European Multidisciplinary Cancer Congress in Stockholm, Sweden, data from the Phase 3 VELOUR trial evaluating the investigational agent ZALTRAP™ (aflibercept), also known as VEGF Trap, in combination with the FOLFIRI chemotherapy regimen [folinic acid (leucovorin), 5-fluorouracil, and irinotecan], versus a regimen of FOLFIRI plus placebo, were presented by Prof. Josep Tabernero. A copy of the slides that were presented is furnished as Exhibit 99.1 to this Current Report on Form 8-K.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

- 99.1 Presentation entitled Results from VELOUR, a Phase 3 Study of Aflibercept Versus Placebo in Combination with FOLFIRI for the Treatment of Patients with Previously Treated Metastatic Colorectal Cancer: Results from Prespecified Subgroup Analyses.
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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: September 26, 2011

REGENERON PHARMACEUTICALS, INC.

By: /s/ Joseph J. LaRosa

Name: Joseph J. LaRosa

Title: Senior Vice President, General Counsel and
Secretary

Exhibit Index

Number	Description
99.1	Presentation entitled Results from VELOUR, a Phase 3 Study of Aflibercept Versus Placebo in Combination with FOLFIRI for the Treatment of Patients with Previously Treated Metastatic Colorectal Cancer: Results from Prespecified Subgroup Analyses.

**Results from VELOUR, a Phase 3 Study
Of Aflibercept Versus Placebo In
Combination With FOLFIRI
For The Treatment Of
Patients With Previously Treated
Metastatic Colorectal Cancer**

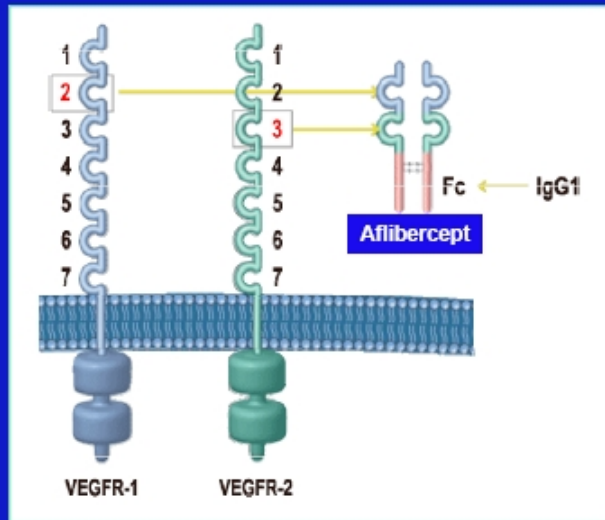
Results from Prespecified Subgroup Analyses

Josep Tabernero*,

E. Van Cutsem, R. Lakomy, J. Prausova, P. Ruff, G. Van Hazel, V. Moiseyenko,
D. Ferry, J. Mckendrick, K. Soussan-Lazard, E. Boelle, C. Allegra, on the behalf
of the VELOUR investigators

* Vall d'Hebron University Hospital / Barcelona/ Spain

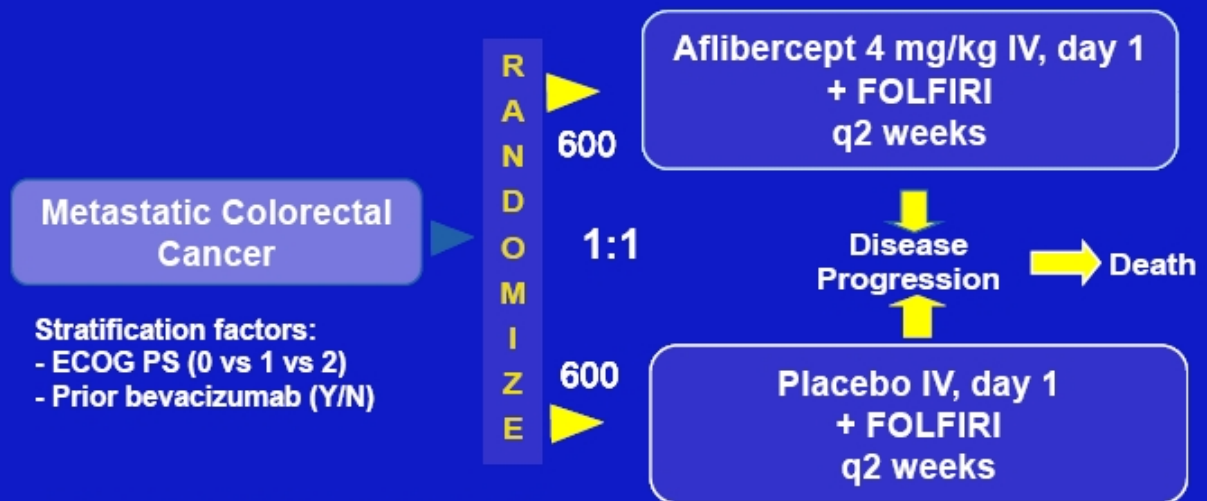
Aflibercept



- Fusion protein of key domains from human VEGF receptors 1 and 2 with human IgG Fc¹
- Blocks all human VEGF-A isoforms, VEGF-B and placental growth factor (PlGF)²
- High affinity—binds VEGF-A and PlGF more tightly than native receptors
- Contains human amino acid sequences¹

1. Adapted from Holash. Proc Natl Acad Sci. 2002;99:11393–11398. 2. Adapted from Tew. Clin Cancer Res. 2010;16:358–366.

VELOUR Study Design

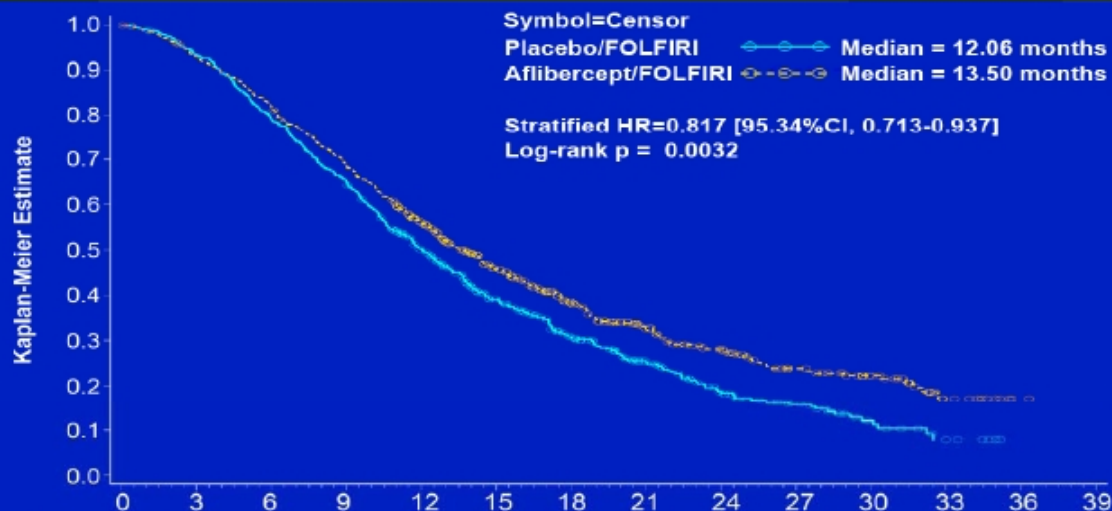


Primary endpoint: Overall survival

Sample size determination: Sized to demonstrate a HR of 0.8 with 90% power and a 2-sided type I error of 0.05.

Final analysis of OS: Analyzed at 863th death event using a 2-sided nominal significance level of 0.0466 (α spending function)

Overall Survival, ITT Population



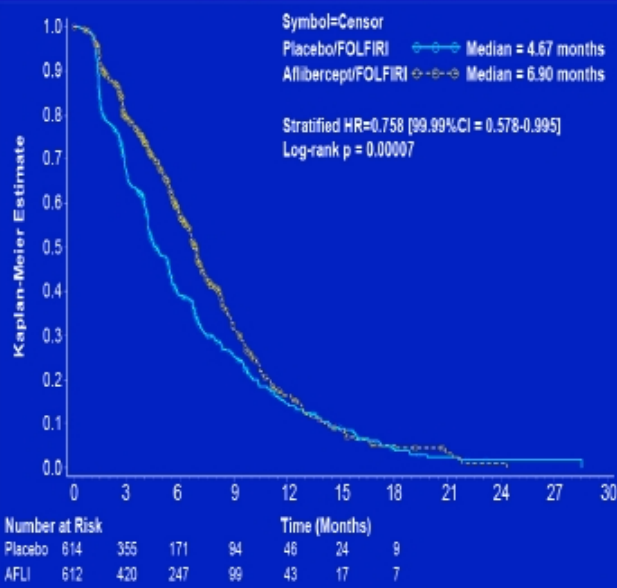
	Time (Months)													
Number at Risk	0	3	6	9	12	15	18	21	24	27	30	33	36	39
Placebo	614	573	485	401	286	193	131	87	51	31	14			
AFLI	612	566	498	416	311	216	148	104	75	49	33			
Survival probability (%)														
Placebo			79.1		50.3		30.9		18.7		12.0			
AFLI			81.9		56.1		38.5		28.0		22.3			

Cut-off date = February 7, 2011; Median follow-up = 22.28 months
 Presented at ESMO/WCGC meeting 2011, Barcelona: Abstract O-0024

Secondary Endpoints

Progression Free Survival

ITT Population



Overall Response Rate

Evaluable Population

	Placebo N = 530	Aflibercept N = 531
ORR (%)	11.1	19.8
95% CI	8.5 to 13.8	16.4 to 23.2
p= 0.0001		

Presented at ESMO/WCGC meeting 2011, Barcelona: Abstract O-0024

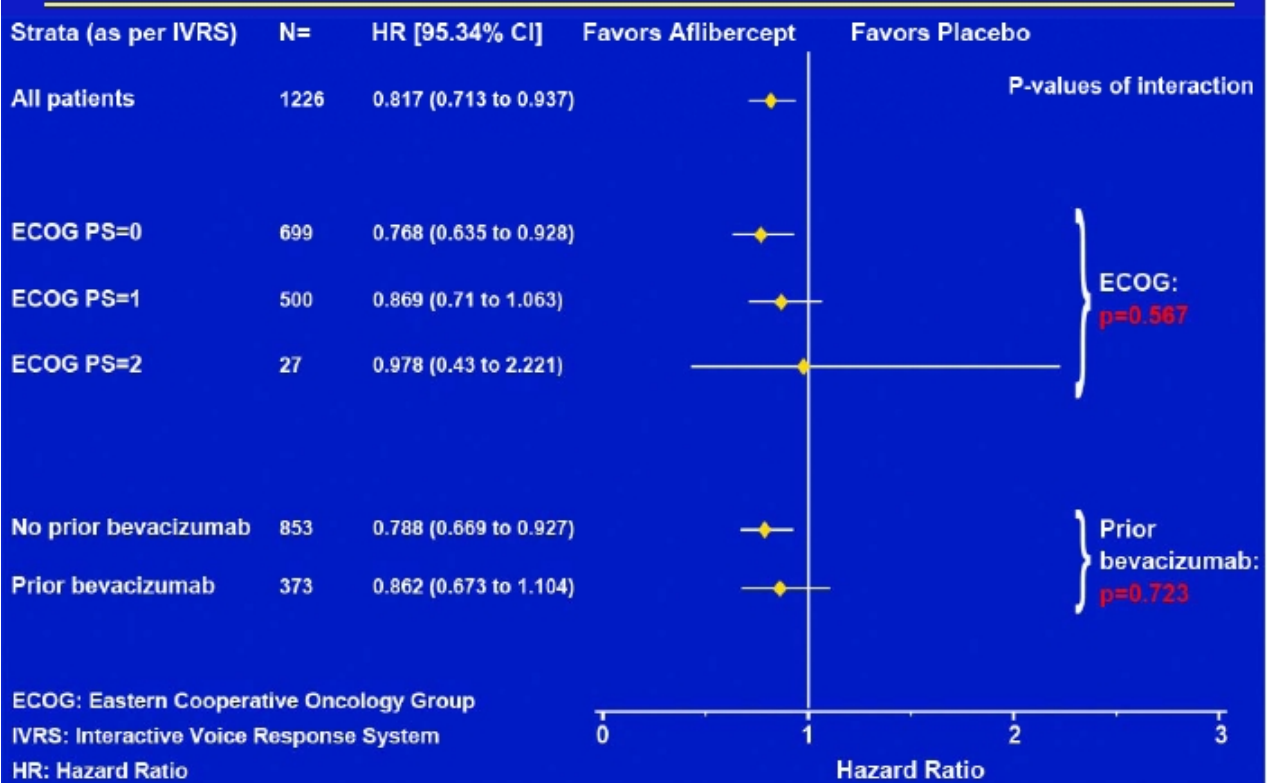
Pre-specified Subgroup Analyses

- Goal: to confirm consistency of the effect of aflibercept on OS and PFS
- Methodology: impact assessment on pre-specified subgroups:
 - Stratification factors
 - ECOG PS, Prior bevacizumab
 - Baseline characteristics
 - Age, gender, geographic region
 - Prior hypertension, number of metastatic sites, disease confined to liver, location of primary tumor

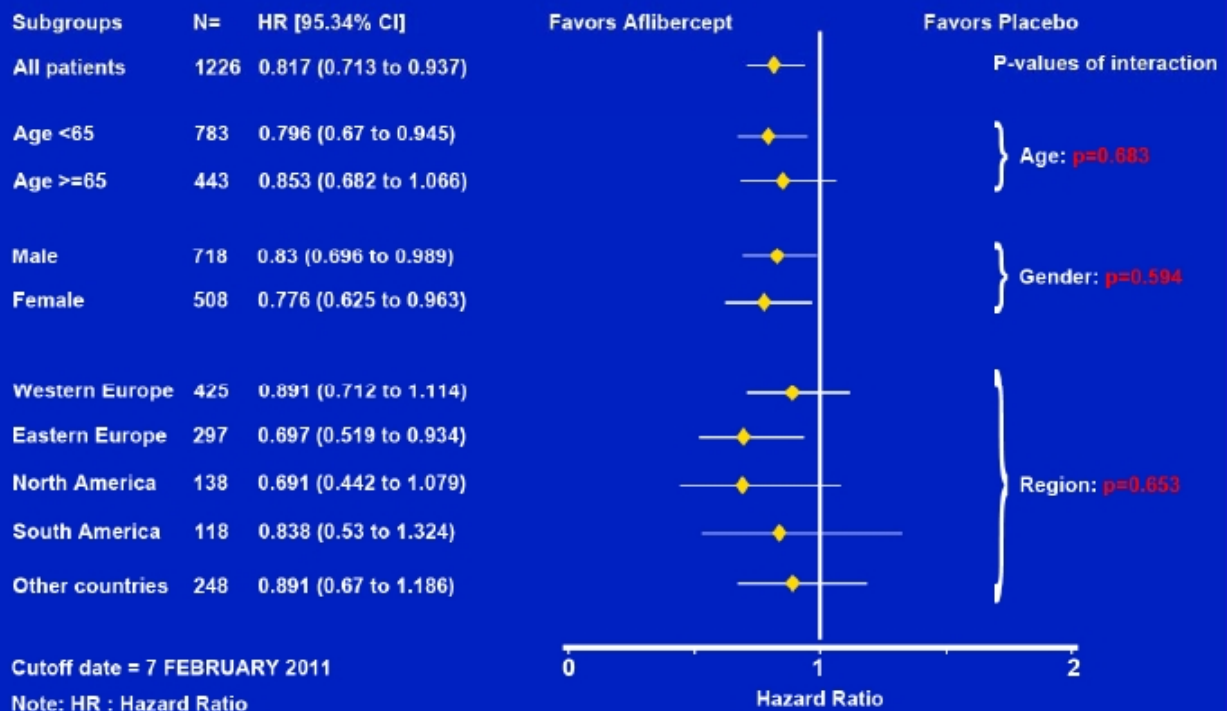
Methodology for Prespecified Subgroups Analyses

- For each parameter, a Cox Proportional Hazard Model was used for the overall population, including the parameter, the treatment effect and the treatment by parameter interaction.
- Interactions between treatment and each subgroup were tested at the 2-sided 10% level
 - ie, a p-value > 0.1 indicates no evidence of heterogeneity of treatment effect across the subgroups for each factor.
- Within each subgroup, the treatment effect hazard ratio and its (1- α)% confidence intervals were estimated using a Cox Proportional Hazard model on patients of this subgroup.
- Safety was analyzed according to prior treatment with bevacizumab

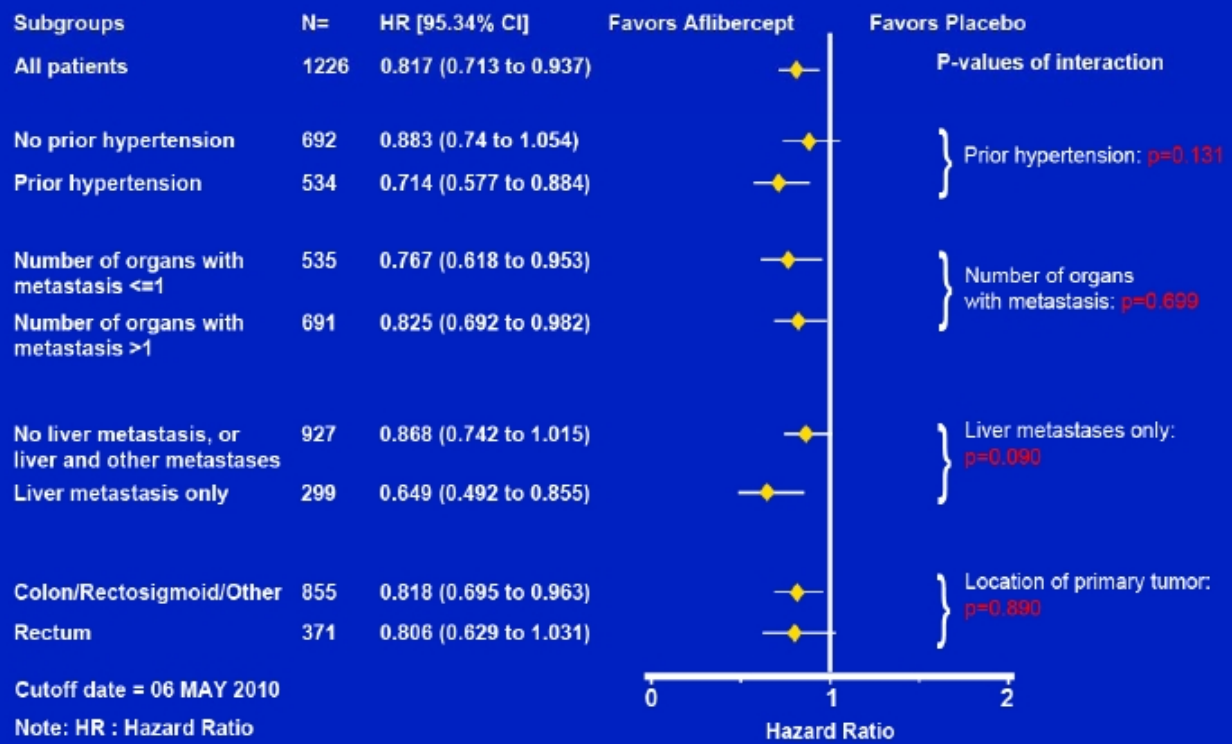
Overall Survival by Stratification Factors – ITT Population



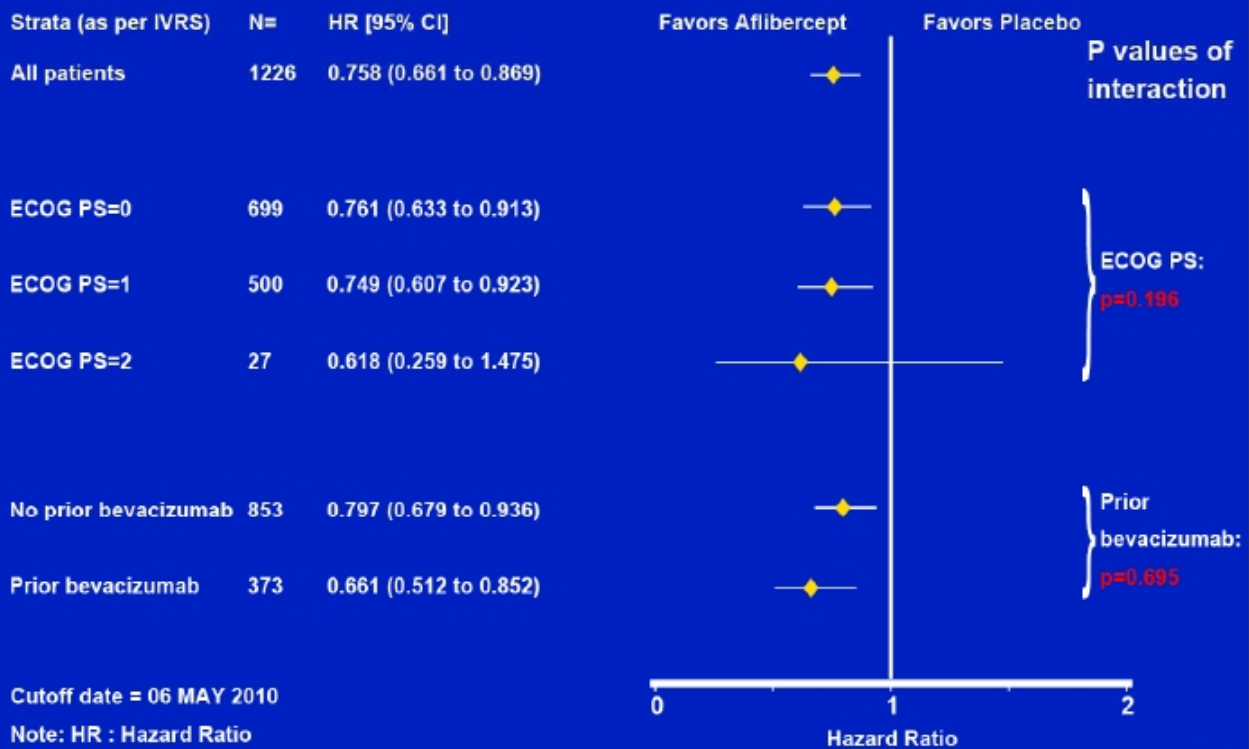
Overall Survival by Demographic Characteristics – ITT Population



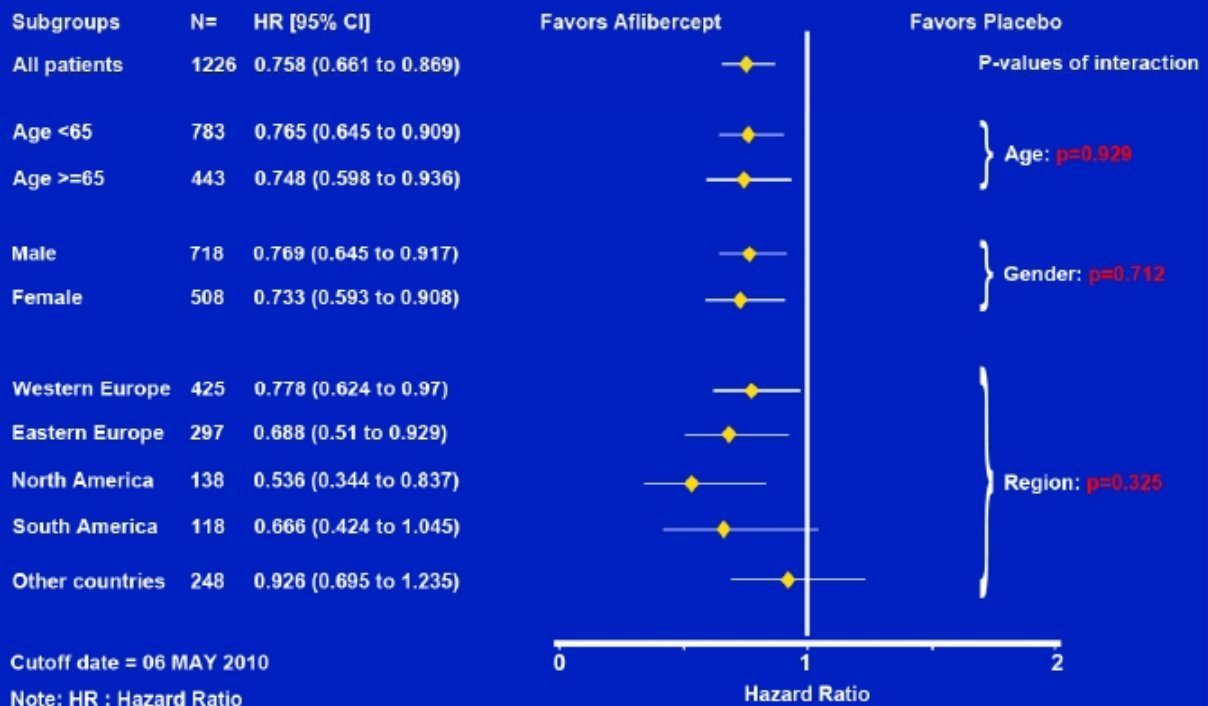
Overall Survival by Baseline Characteristics – ITT Population



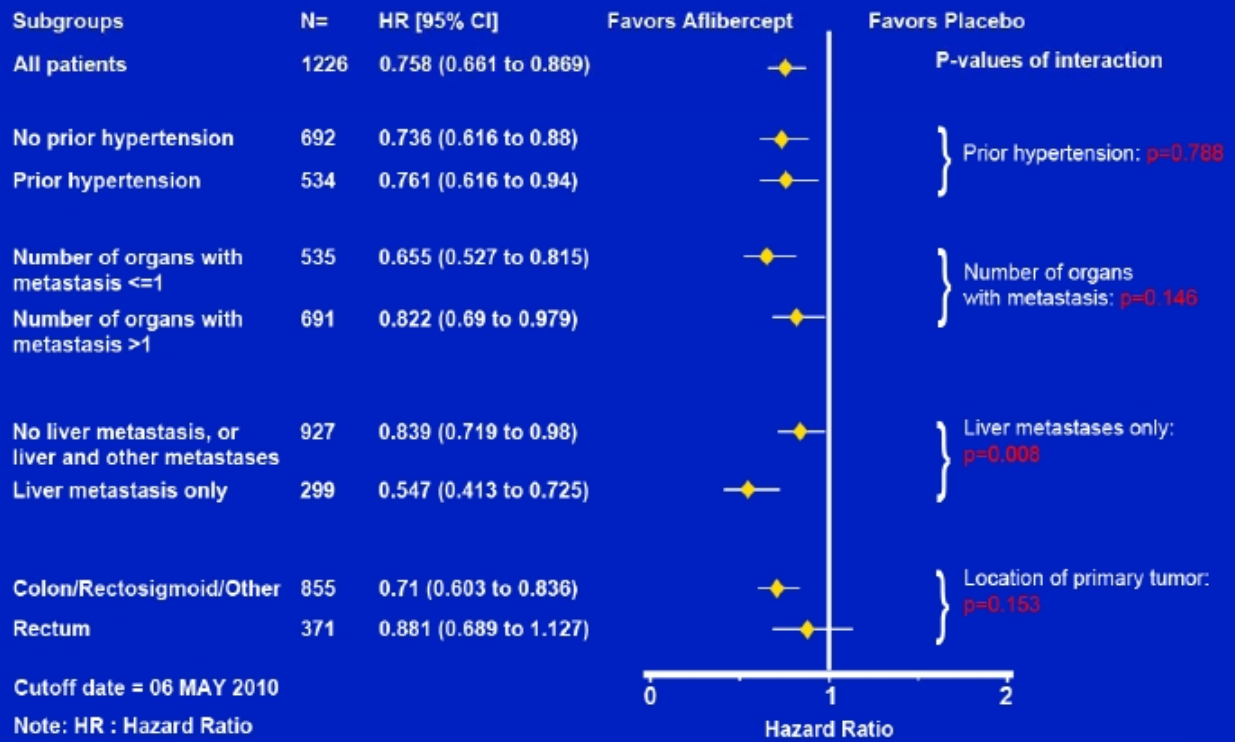
Progression Free Survival by Stratification Factors – ITT Population



Progression Free Survival by Demographic Characteristics – ITT Population



Progression Free Survival by Baseline Characteristics – ITT Population



Prior Treatment with Bevacizumab Number of Patients

	Placebo/FOLFIRI N=614	Aflibercept/FOLFIRI N = 612
Yes	187 (30.5%)	186 (30.4)
No	427 (69.5%)	426 (69.6%)

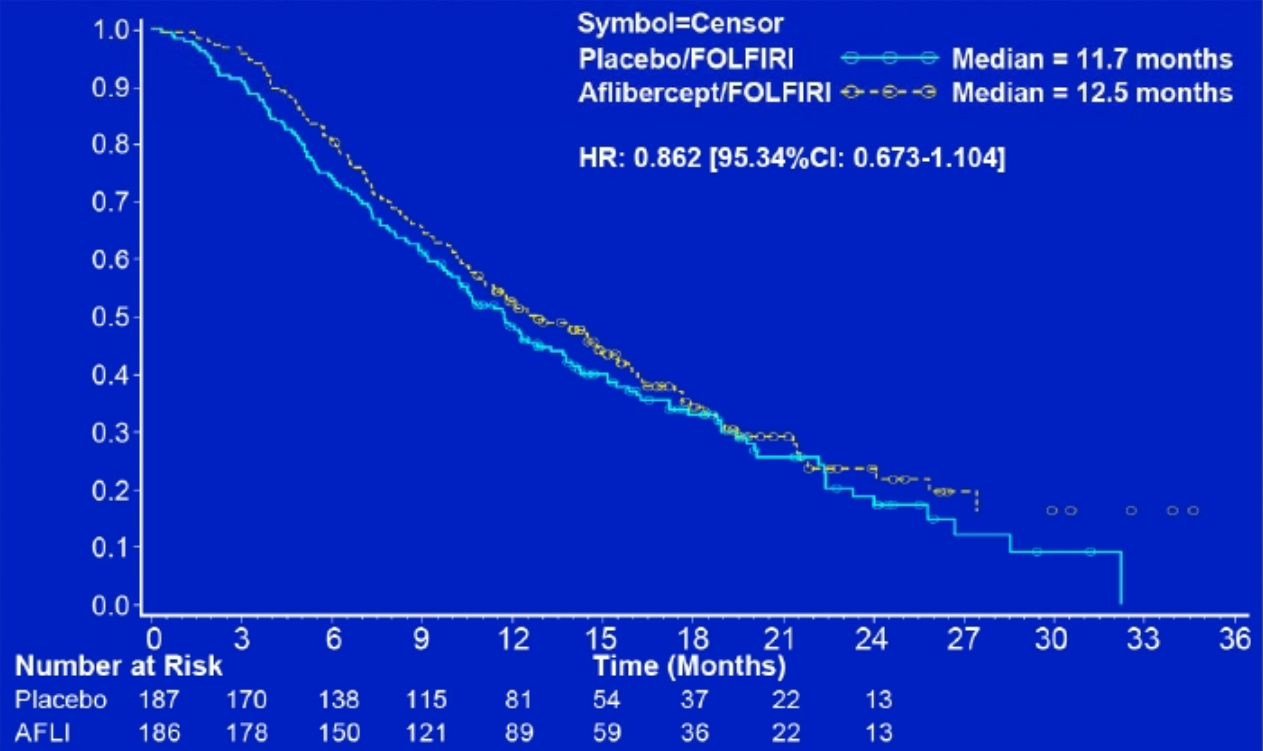
Overall Survival: Patients with or without Prior Treatment with Bevacizumab - ITT Population

	Placebo/ FOLFIRI Median (mos) N = 614	Aflibercept/FOLFIRI Median (mos) N = 612	P-value for interaction
All Patients	12.1	13.5	All Patients
Prior BEV			
No	12.4	13.9	0.7231
Yes	11.7	12.5	

Interaction between “treatment arm” and “prior bevacizumab” factor was **not significant** at the 2-sided 10% level ($p = 0.7231$).

Improvement in OS was consistent regardless of prior treatment with bevacizumab

Overall Survival, Patients with Prior Treatment with Bevacizumab - ITT Population



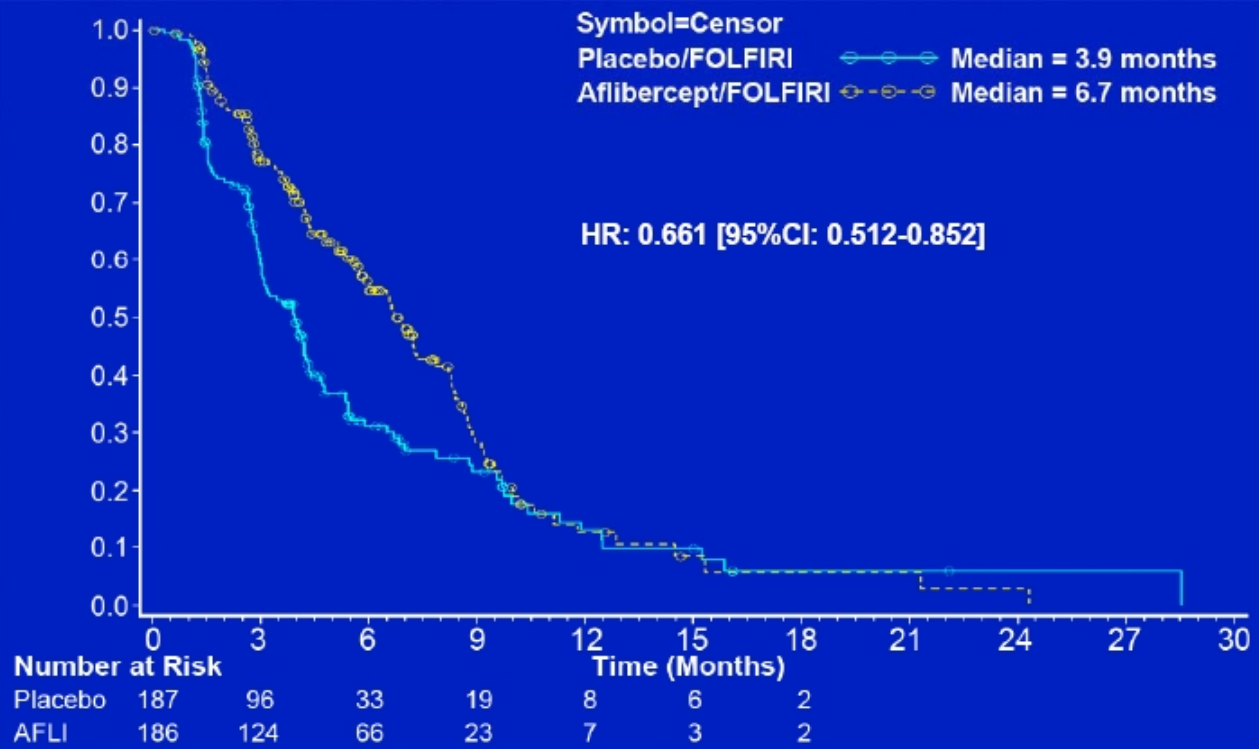
Progression Free Survival, Patients with or without Prior Treatment with Bevacizumab - ITT Population

	Placebo/ FOLFIRI Median (mos) N = 614	Aflibercept/FOLFIRI Median (mos) N = 612	P value for interaction
All Patients	4.7	6.9	
Prior BEV			
No	5.4	6.9	
Yes	3.9	6.7	0.6954

Interaction between "treatment arm" and "prior bevacizumab" factor was not significant at the 2-sided 10% level ($p = 0.6954$).

Improvement in PFS was consistent regardless of prior treatment with bevacizumab

Progression Free Survival, Patients with Prior Treatment with Bevacizumab - ITT Population



Safety – Anti-VEGF Associated Events Overall Population

Safety population, % of patients Grouped Term, PT	Placebo/FOLFIRI N = 605		Aflibercept/FOLFIRI N = 611	
	All Grade	Grade 3/4	All Grade	Grade 3/4
Proteinuria*	40.7	1.2	62.2	7.9
Hypertension	10.7	1.5	41.4	19.3
Haemorrhage	19.0	1.7	37.8	2.9
Epistaxis	7.4	0	27.7	0.2
GI origin	5.1	1.0	10.0	2.0
Dysphonia (PT)	3.3	0	25.4	0.5
Headache (PT)	8.8	0.3	22.3	1.6
Venous thromboembolic event	7.3	6.3	9.3	7.9
Pulmonary embolism	3.5	3.5	4.7	4.7
Arterial thromboembolic event	1.5	0.5	2.6	1.8
Fistula	0.5	0.2	1.5	0.3
Compromized wound healing	0.8	0	0.5	0.3
GI perforation	0.5	0.3	0.5	0.5

*Systematic pre-dosing urine spot urinalysis

Safety – Anti-VEGF Associated Events By Prior Treatment with Bevacizumab

Safety population, % of patients	Patients Receiving Afibercept			
	No prior bevacizumab N =424		Prior bevacizumab N =187	
	All Grade	Grade 3/4	All Grade	Grade 3/4
Grouped Term, PT	All Grade	Grade 3/4	All Grade	Grade 3/4
Proteinuria*	62.5		61.5	
Hypertension	42.2	20.5	39.6	19.9
Haemorrhage	37.3	2.8	39.0	3.2
Epistaxis	26.4	0.2	30.5	0
GI origin	9.9	1.7	10.2	2.7
Dysphonia (PT)	27.8	0.5	19.8	0.5
Headache (PT)	23.1	1.9	20.3	1.1
Venous thromboembolic event	9.0	7.8	10.2	8.0
Pulmonary embolism	5.4	5.4	2.7	2.7
Arterial thromboembolic event	2.4	1.7	3.2	2.1
Fistula	1.9	0.5	0.5	0
Compromized wound healing	0.2	0.2	1.1	0.5
GI perforation	0.7	0.7	0	0

*Systematic pre-dosing urine spot urinalysis

Conclusions

Adding aflibercept to FOLFIRI in mCRC patients previously treated with oxaliplatin based regimen resulted in OS and PFS benefits that are both statistically significant and clinically meaningful (ESMO/WCGC 2011, Barcelona, Abstract O-0024) :

- OS: HR=0.817 [95.34%CI, 0.713-0.937], p = 0.0032
- PFS: HR=0.758 [99.99%CI, 0.578-0.995], p=0.00007

Pre-planned subgroup analyses supported consistency and robustness of the efficacy results across all domains, including prior treatment with bevacizumab.

Prior treatment with bevacizumab does not appear to significantly impact the safety profile of aflibercept

Acknowledgements

Thank you to all patients, their families and all the investigators who participated:

Argentina
* Batagelj E
* Escudero M
* Costanzo M.V

Australia
* Shannon J
* Parnis F
* McKendrick J
* Marx G
* Desai J
* Ng S
* Van Hazel G

Austria
* Scheithauer w

Belgium
* Peeters M
* Van Laethem JL
* Van Cutsem E
* Humblet Y
* Delaunoit T
* d'Haens G
* Hendilisz A

Brazil
* Cubero D
* Vinholes J
* Oliveira M
* Jobim De Azevedo S
* Prolla G
* Hoff P
* Azevedo F
* Vieira F

Chile
* Villanueva L
* Orlandi F
* Vogel C

Chile (cont'd)
* Loredi E
* Barajas O

Czech Republic
* Lakomy R
* Kiss I
* Prausova J

Denmark
* Pfeiffer P
* Yilmaz M

Estonia
* Leppik K
* Jõgi T

France
* Metges JP
* Faroux R

Germany
* Schmoll HJ
* Meiler J
* Welslau M
* Kroning H
* Karthaus M

Greece
* Georgoulis V
* Samantas E
* Kalofonos H
* Papakostas P
* Efremidis A

Italy
* Di Bartolomeo M
* Zampino M

Italy (cont'd)
* Gozza A
* Aglietta M
* Frustaci S
* Maiello E
* Santoro A

Netherlands
* Van der Velden A
* Kok T
* Erdkamp F
* Leeksa O.C
* Ten Tije A.J

New Zealand
* Thompson P
* Jeffery M

Norway
* Guren T
* Sorbye H
* Birkemeyer E.M

Poland
* Filipczyk-Cisarz E
* Wojcik E
* Dowgier-Witczak I
* Zander I
* Slomian G
* Koralewski P

Puerto Rico
* Baez-Diaz L

Romania
* Gutulescu N
* Stanculeanu D

Romania (cont'd)
* Mihailov A
* Curca R
* Vinlavat C
* Iorga P

Russia
* Tjulandin S
* Biakhov M
* Moiseyenko V
* Roman L
* Gorbunova V
* Orlova R

South Africa
* Ruff P
* Slabber C FS
* Raats J
* Mall R
* Malan J
* Bouwer J
* Pirjol A

South Korea
* Kim S Y
* Park Y S
* Oh D Y
* Kim T W
* Shin S J

Spain
* Tabernero J
* Lopez G
* Gravalos C

Spain (cont'd)
* Bellmunt J
* Cantos B
* Merino S

Sweden
* Glimelius B
* Karimi M
* Flygare P

Turkey
* Buyukberber S
* Oksuzoglu B
* Abali H

Ukraine
* Vinnik Y
* Bashheyev V
* Bondarenko I
* Datsenko O

United Kingdom
* Samuel L
* Valle J
* Glynn-Jones R
* Bridgewater J
* Cunningham D
* Ross P
* Propper D
* Ferry D
* Hickish T

Acknowledgements

Thank you to all patients, their families and all the investigators who participated:

United States

* Radford J
* Atkins J
* Polikoff J
* Hantel A
* Gross H
* Julian T
* Guarino M
* Fuloria J
* Kirshner J
* Wade J
* Flynn P
* Reiling R
* Salmon S
* George T
* Mitchell E
* Robin E
* Choksi J
* Resta R
* d'Andre S
* Lee F.C
* Sigal D
* Birhiray R
* Stella P
* Wallmark J

NSABP, M. Guarino for US investigators coordination

United States (cont'd)

* Gousse R
* Charu V
* Van Veldhuizen P
* Thomas A
* Cosgriff T
* Geils Jr G
* Vrindavanam N
* Armas A
* Weiner R
* Nadeem A
* Skinner W
* Lin E
* Haghighat P
* Wong L
* Pandit L
* Fehrenbacher L
* Del Prete S
* Manges R
* Daugherty J.P
* Shearer H
* Fink M
* Ghraoui M.A

Disclosure

This study (NCT00561470) was funded by sanofi. Aflibercept is being developed in oncology in a partnership between Regeneron and sanofi.