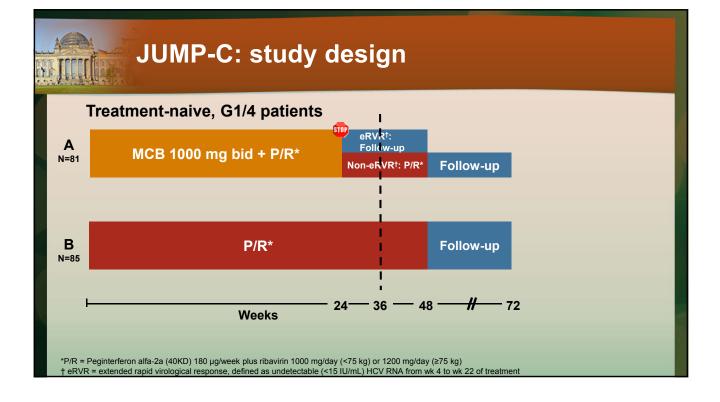


JUMP-C study objectives and design

Objectives

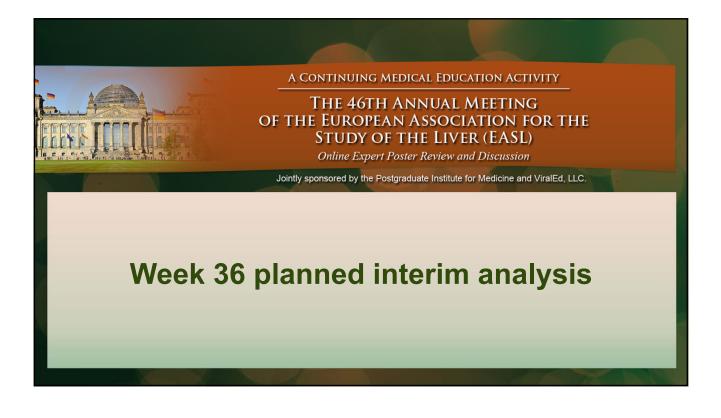
arl

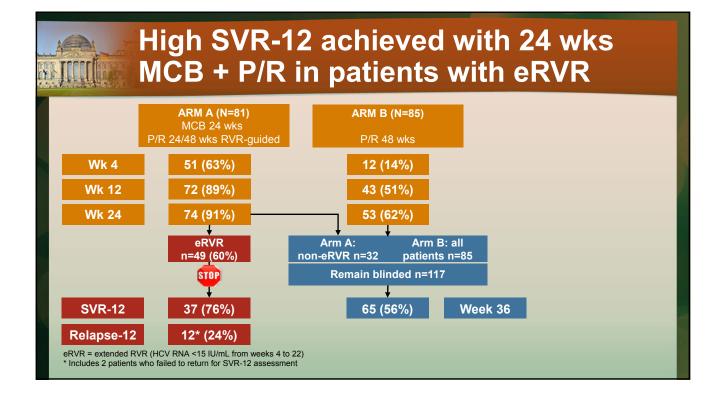
- To compare a response-guided therapy regimen of MCB in combination with peginterferon alfa-2a (40KD) plus ribavirin (P/R) with P/R alone
- To assess resistance development after 24 week therapy
- Design
 - Randomised, double-blind, placebo-controlled phase IIb trial
 - Treatment-naive patients infected with HCV G1/4
 - Trial is ongoing



Baseline characteristics

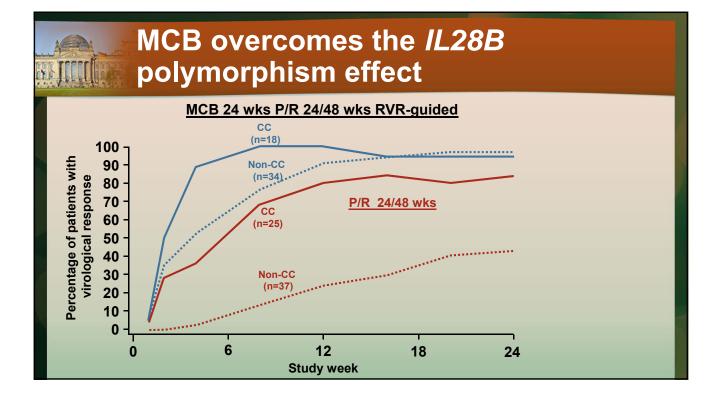
	ARM A (N=81) MCB 24 wks	ARM B (N=85)
	P/R 24/48 wks RVR-guided	P/R 48 wks
Male, n (%)	51 (63)	67 (79)
Race, n (%)		
Caucasian	63 (78)	69 (81)
African-American	10 (12)	8 (9)
Hispanic ethnicity	8 (10)	8 (9)
Mean age, years (SD)	50 (10)	48 (10)
Mean weight, kg (SD)	82 (15)	85 (16)
Mean BMI, kg/m² (SD)	28 (4)	28 (4)
Genotype, n (%)		
1a	50 (62)	68 (80)
1b	24 (30)	17 (20)
1 (indeterminate)	2 (2)	0
4	5 (6)	0
Mean baseline HCV RNA, log ₁₀ IU/mL (SD)	6.6 (0.7)	6.5 (0.6)
METAVIR F3, n (%)	7 (9)	17 (20)
METAVIR F4, n (%)	12 (15)	5 (6)





Rates of SVR-12 similar in patients with an eRVR irrespective of *IL28B* genotype

ARM A (N=81)				
Endpoint	MCB 24 wks P/R 24/48 wks RVR-guided			
RCR consented	52			
eRVR	YES		NO	
(wk 4–22)	33 (63%)		19 (37%)	
eRVR by IL28B	СС	Non-CC		
genotype	15	18	N/A	
SVR-12	12 (80%)	13 (72%)	N/A	
RCR = Roche Clinical Repository				



No difference in safety and tolerability between MCB + P/R vs P/R alone through week 36

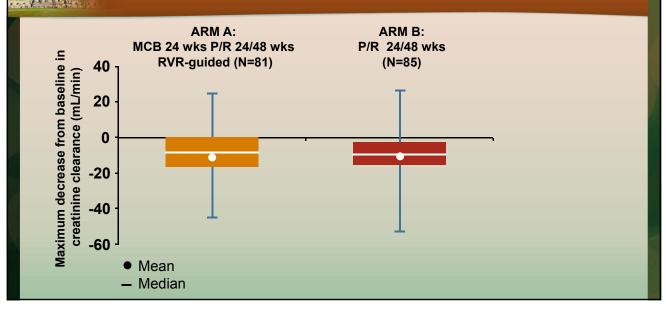
	ARM A (N=81) MCB 24 wks	ARM B (N=85)
	P/R 24/48 wks RVR-guided	P/R 48 wks
SAEs, n (%)	5 (6)	2 (2)
Discontinuation due to safety	5 (6)	11 (13)
AEs (>20% of patients)		
Fatigue	70%	67%
Headache	49%	42%
Chills	38%	39%
Nausea	40%	39%
Insomnia	37%	32%
Decreased appetite	31%	26%
Pyrexia	25%	31%
Irritability	26%	29%
Myalgia	26%	28%
Pruritus	19%	33%
Rash	21%	29%
Diarrhoea	21%	22%
Dizziness	23%	21%
Arthralgia	21%	21%

No difference in frequency of haematological and renal labs between MCB + P/R vs. P/R alone

n (%)	ARM A (N=81) MCB 24 wks P/R 24/48 wks RVR-guided	ARM B (N=85) P/R 48 wks
Neutrophils <0.5 x 10 ⁹ /L	1 (1)	5 (6)
Hgb <8.5 g/dL	1 (1)	1 (1)
Platelets <20 x 10 ⁹ /L	0 (0)	0 (0)
Lymphocytes <0.35 x 10 ⁹ /L	3 (4)	3 (4)
Creatinine clearance ≥35% drop from BL or <60 (mL/min)	1 (1)	1 (1)
Serum creatinine >2 x ULN	1 (1)	0 (0)
Blood urea nitrogen >2 x ULN	0 (0)	0 (0)
Urine protein/creatinine ratio ≥0.5	0 (0)	0 (0)

All safety data are based on patients in the safety population with at least 36 weeks on study

MCB demonstrates no impact on creatinine clearance



No evidence of RAVs associated with NS5B polymerase inhibitor MCB

Analysis	Number of patients	Observation	
Baseline sequence analysis (all patients)	163	GT 1a = 119 GT1b = 41 GT 4 = 3	No RAVs No RAVs No RAVs
Virologic responses in MCB arm until wk 24	80	HCV RNA <15 IU/mL	No breakthrough
	1	HCV RNA = 2000 IU/mL	No RAVs
	37	SVR-12	
Virologic responses in eRVR at wk 36	10	Confirmed relapse	No RAVs*
	2	Failure to return	-

