

Presenting team

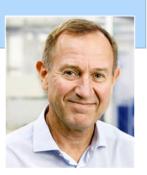
Charlotte Edenius VP R&D Projects



Rein Piir CFO / IR



Bertil Samuelsson CSO





Medivir in Brief

Listed: 1996

Ticker: MVIR

Exchange: OMX NASDAQ

Market Cap (SEK): 4000 Million

First Product Xerclear™ / Xerese™ in Global Launch Phase

Launch begun in Nordic region; Launched in US March 2011

Focused infectious disease pipeline - multiple paths to value creation

- World leading science in the field of infectious disease R&D
- TMC435 a potential blockbuster in hepatitis C
- 10 projects in clinical and pre-clinical development
- 7 partnerships with pharmaceutical and biotech companies

Experienced international management team

 Company supported by a highly experienced team with a strong skill base to ensure Medivir's success

Strong long-term commitment of institutional shareholders

Over 1/3 international shareholder base



Medivir Vision



Medivir aims to become a profitable specialty pharmaceutical company focused on the development and commercialisation of high-value infectious disease treatments

Medivir Strategy

To become a profitable specialty pharmaceutical company focused on the discovery, development and commercialisation of high-value infectious disease treatments

Our strategy to achieve this goal is through:

1. In-house R&D

Continue to strengthen Medivir's position in infectious disease through advancement of specialist in-house discovery and development programs

2. In-licensing & potential acquisitions

Selectively and opportunistically in-license additional products or acquire companies with rights in the Nordic region.

3. Commercialisation

Strengthen commercial capabilities and organization for own territories and start preparatory activities for launch of TMC 435 in the Nordic region .

4. Value

Continue value creation for Medivir by new joint ventures and partnerships in the infectious disease arena



Hepatitis C in the Nordic countries

Medivir is in a unique position - Nordic commercial rights retained

- To launch one of the first products of a new treatment paradigm for a patient group with a distinct unmet medical need
- To give high priority and focus on pre-launch activities to facilitate broad and rapid market access for TMC435 well in advance of launch
- To capture a significant share of the HCV market due to the highly competitive attributes of TMC435

Unmet medical need – Large market with substantial growth potential

- 115,000 Chronic HCV patients in the Nordic region
- Around 3,000 HCV patients receive treatment today in the Nordic countries The present (2010) market value is SEK 400m
- Poor efficacy and safety profile with current treatment. Less than 50% of patients reach a sustained virologic response
- This medical need will be addressed for the first time with the introduction of protease inhibitors (PI) on the market in 2011/12. TMC435 enter the market as a second generation protease inhibitor.

Treatment evolution – Main market driver

- Patient warehousing of HCV patients with G1 is acknowledged Approx 10-20% of these patients are in an acute phase and need treatment immediately
- Share of PI treated naïve patients will increase over time as PI's gain recognition



Flying Start to 2011



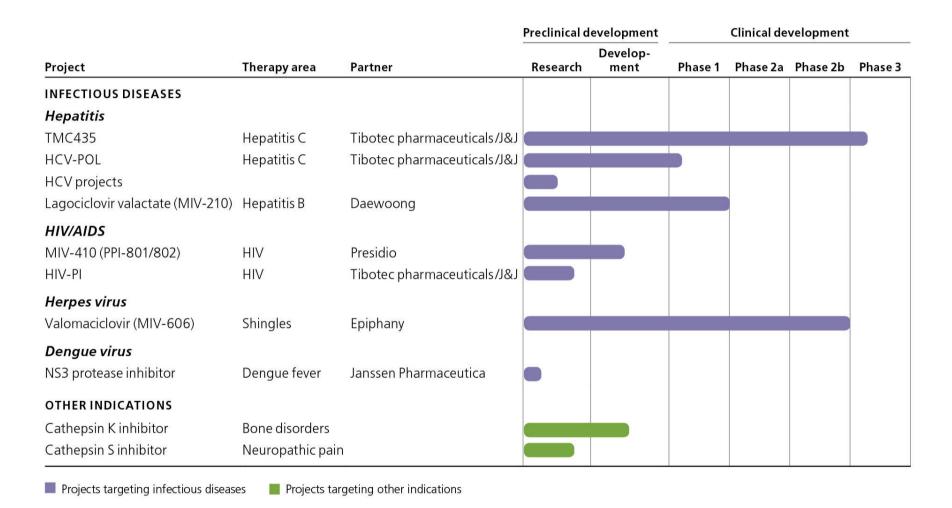
Recent news flow highlights

- Feb-11 Phase 1a start with TMC649128 HCV/POL
- Feb-11 Joint venture with Janssen Pharmaceutica on Dengue Fever
- Feb-11 Global Phase 3 studies start with TMC435 in treatment naïve patients
- Feb-11 Global Phase 3 study starts with TMC435 in treatment experienced relapser patients
- Feb-11 Japanese Phase 3 studies start with TMC435 in treatment naïve and in treatment experienced patients
- Feb-11 C205 (PILLAR) Interim SVR24 data in treatment naïve patients
- Mar-11 Launch of Xerese[™] in US





Strong Pipeline with Multiple Paths to Value Creation





Cathepsin Inhibitor Programs

Creating value for shareholders by developing products further under own management

Cathepsin K Inhibitor program

- MoA: will intervene in disease states with excessive bone loss, e.g. osteoporosis, osteoarthritis and metastatic bone disease
- **Edge:** maintain the beneficial bone formation, in contrast to other anti-resorptives
- Status: two Candidate Drugs (CD) selected
- CD characteristics: potent and long duration of activity with anticipated low QD dosage in man

Upcoming events in the coming 12 month

 Start of phase 1 clinical trials for MIV-711 expected in Q3 2011

Cathepsin S inhibitor program

- Strong link to Neuropathic pain
 - Activates the soluble fractalkine on neurons → neuroinflammation
 - Overexpressed and secreted by various cells in CNS in rodent models
- Status: Potent, selective and orally bioavailable inhibitors developed by Medivir
- Proof-of-principle demonstrated in a rodent model of neuropathic pain

Upcoming events in the coming 12 month

Candidate Drug selection





Our hepatitis C franchise

Partnered and in-house product portfolio

Hepatitis C - A Blockbuster Potential Market

The Hepatitis C Market

- Globally ~180 million (3-4% of world population) infected with hepatitis C virus, of which 80% develop chronic disease
- The difficult to treat genotype 1 (G1a/b) account for ~70% of the HCV population
 - Sustained viral response (SVR) in G1 patients is very low, 42-48% on PegIFNα/RBV, SoC
- Approximately 12 million HCV infected in the US, Europe and Japan
 - Prevalence in JPN ~1.9 million with ~55% being diagnosed (~25% worldwide)
 - Health care burden in the US ~ 5 BUSD / year

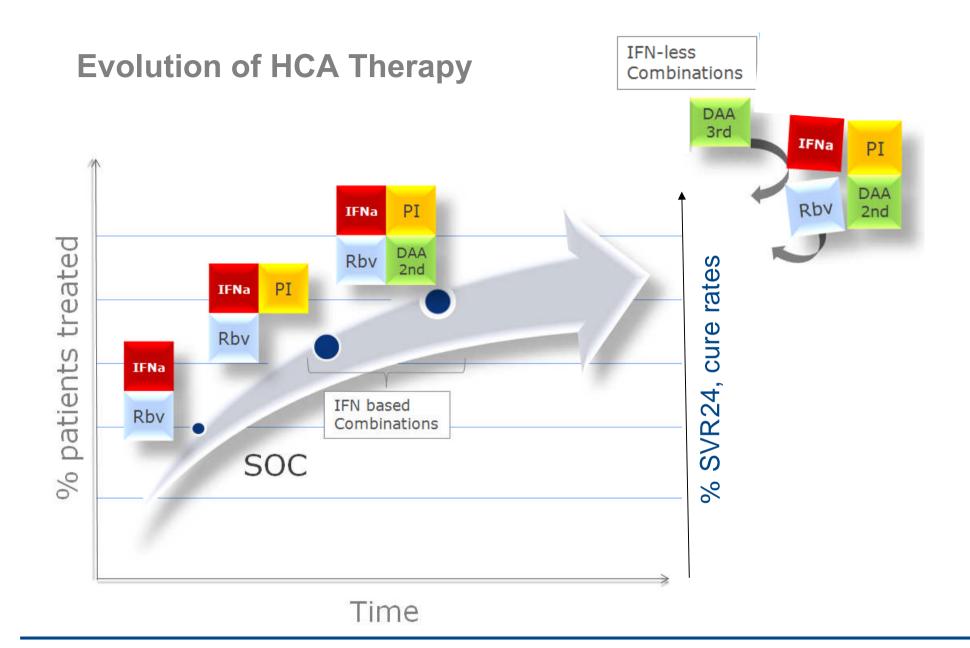
Market Value

- Estimated market value of over USD 10 billion in 2015 and increasing
- Treatment-experienced patients, currently ~ 0.5 million, comprise ~half of the market value

TMC 435 potential

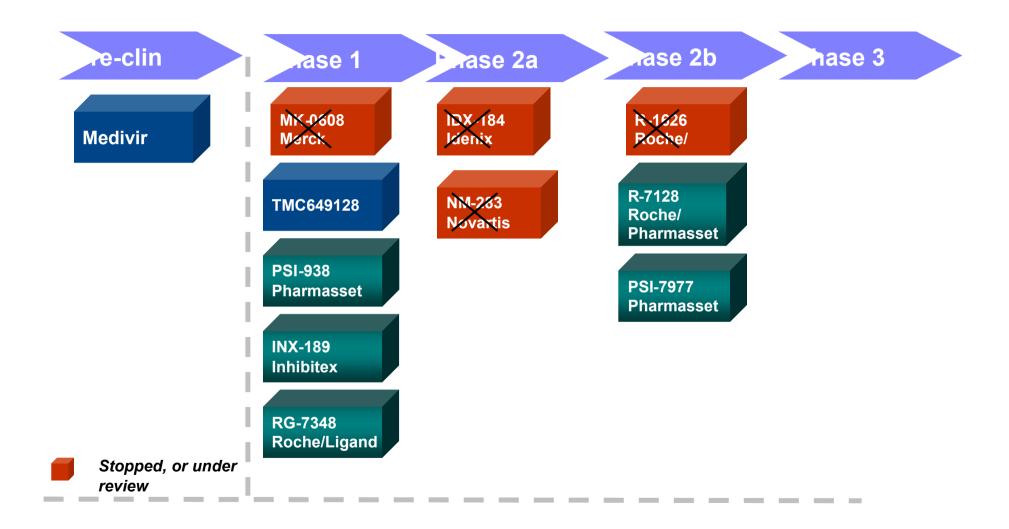
Analysts estimate TMC435 annual peak sales of 2-4 BUSD







HCV Nucleosides & Nucleotides – Competitive landscape





HCV Clinical Pipeline

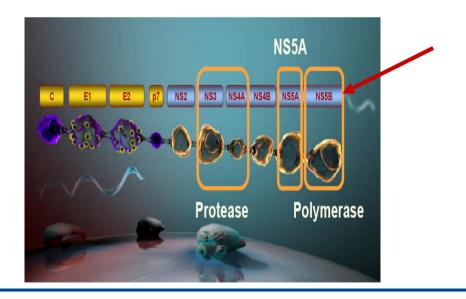


TMC649 (HCV Pol) – a major commercial opportunity

- •EUR 147 million deal value
 - EUR 95 million outstanding
 - Royalties on global sales
- Medivir retain Nordic market rights
 - Prevalence of chronic HCV infected ~115,000
 - Current treatment rates ~ 3,000

TMC649 (HCV Pol) – summary status

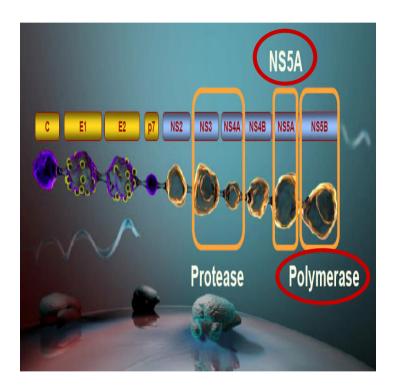
- Nucleoside/tide NS5B inhibitor
- An ideal DAA agent for future TMC435 combination regimens
- High barrier to resistance and broad genotype coverage
- Long patent life
 - IP extending to 2027 and 2029
- Phase 1 trials ongoing





HCV Preclinical In-House Programs

- An internal NS5B nucleoside/tide program
- A NS5A program in LO phase





TMC435 – The Leading Next Generation Protease Inhibitor



 Strong safety profile: no adverse events over SoC in the Phase 2b PILLAR and ASPIRE studies

 Excellent anti-viral efficacy shown in Phase 2b PILLAR and ASPIRE studies

 Convenient: one pill and once daily, no food interactions



HCV Clinical Pipeline



TMC435 – summary status

- Potent HCV NS3/4A protease inhibitor
- TMC435, the backbone of future DAA combination therapies
 - Combination studies to be communicated
- Long patent life
 - IP extending to 2026 and 2028
- Global Phase 3 trials ongoing
- Regulatory filings expected in 2013

TMC435 - the commercial opportunity

- EUR 80.5 million deal value
 - EUR 30 million still outstanding
 - Royalties on sales worldwide
 - Medivir retain all rights to the Nordic market

Decision Resources, Report March 2011

TMC-435 has the potential to emerge as the future gold-standard therapy in our Drug Comparator Model because of its superior clinical profile over the current therapies we evaluated.



Hepatitis C PI – the Competitive Landscape

Phase 1b	Phase 2a	Phase 2b	Phase 3	Registration	
ACH-1625	ABT-450	Danoprevir R-7227 ?	TMC435	Telaprevir VX-950	
		BMS-650032		Boceprevir SCH-503034	
		GS-9256			
		Vaniprevir ? MK-7009			
HCV PI's in combination with DAAs and SoC					
 Combinations of DAA agents: Telaprevir in phase 2a in combination with VX-222 (NNRTI) +/- SoC Danoprevir in phase 2a in combination with R7128 (NI) +/- SoC BMS-650032 in phase 2a in combination with BMS-790052 (NS5A inh) +/- SoC GS-9256 in combination with GS-9190 (NNRTI) +/- Ribavarin 		Narlaprevir?			
Note: nanoprevir and ABT-450 require ritonavir-boosting					
	nbination with Date: in combination with VX-222 (If in combination with R7128 (If 2a in combination with BMS-7 in with GS-9190 (NNRTI) +/- F	ACH-1625 ABT-450 ABT-450 ABT-450 ABT-450 ABT-450 ABT-450 ABT-450 ABT-450	ACH-1625 ABT-450 Danoprevir R-7227? BMS-650032 GS-9256 Vaniprevir ? MK-7009 BI201335 ? BI201335 ? Narlaprevir? in combination with VX-222 (NNRTI) +/- SoC in combination with R7128 (NI) +/- SoC 22 a in combination with BMS-790052 (NS5A inh) +/- SoC in with GS-9190 (NNRTI) +/- Ribavarin	ACH-1625 ABT-450 Danoprevir R-7227? BMS-650032 GS-9256 Vaniprevir ? MK-7009 BI201335 ? Narlaprevir? in combination with VX-222 (NNRTI) +/- SoC in combination with R7128 (NI) +/- SoC 22 in combination with BMS-790052 (NS5A inh) +/- SoC in with GS-9190 (NNRTI) +/- Ribavarin TMC435 TMC435	



TMC435 Late Stage Clinical Trial Programme

Follow Up Phase

Phase 2b studies

PILLAR (C205) – 386 genotype-1 infected treatment-naïve patients

DRAGON (C215) – 92 genotype-1 infected treatment-naïve patients

ASPIRE (C206) – 462 genotype-1 infected treatment-experienced patients

Recently Initiated

Phase 3 studies

QUEST 1 (C208) 375

genotype-1 infected treatment-naïve patients

QUEST 2 (C216) 375

genotype-1 infected treatment-naïve patients

PROMISE (C3007) 375

genotype-1 infected relapsed patients

Phase 3 studies started in Japan

both in naïve and treatment experienced genotype-1 infected patients

For additional information on inclusion and exclusion criteria for these studies, please see www.clinicaltrials.gov

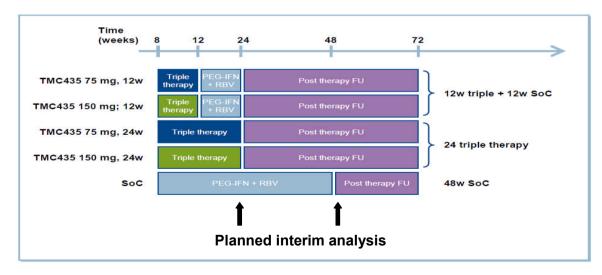


TMC435 Phase 2b: Study Design & Findings 48 week interim analysis

PILLAR (C205)

- TMC435-C205 is a global phase 2b study in 386 genotype-1 treatment-naïve patients
- Once daily (q.d.), 75 mg and 150 mg, of TMC435 + SoC:
 - 12-week triple therapy followed by SoC alone up to week 24
 - 24-week triple therapy

- Response-guided treatment duration in TMC435 arms
 - End treatment at Week 24, if
 - HCV RNA <25 IU/mL detectable or undetectable at Week 4, and
 - HCV RNA <25 IU/mL undetectable at Weeks 12, 16, and 20
 - All other patients continued Peg/RBV for up to 48 weeks





PILLAR C205 Week 48 Interim Analysis Safety and Efficacy

- 1. Phase 2b 48-week (SVR24) Interim Results of TMC435 in Treatment-naïve Patients Chronically Infected with Genotype-1 Hepatitis C Virus
- 2. In the TMC435 treatment groups 83% of patients were able to stop all therapy at week 24
- 3. Potent and consistent antiviral efficacy was demonstrated with SVR24 rates of up to 84%
- 4. No clinically relevant difference in safety and tolerability between TMC435 and placebo groups

Sustained Virological Response 4 and 24 Weeks after Planned End of Treatment (EoT);							
% (n/N)	TMC435 12PR24 75mg q.d. N=78	TMC435 24PR24 75mg q.d. N=75	TMC435 12PR24 150mg q.d. N=77	TMC435 24PR24 150mg q.d. N=79	Placebo N=77		
SVR4	87.2 (68/78)	86.5 (64/74)	84.9 (62/73)	88.5 (69/78)	71.2 (42/59)		
SVR24	83.6 (61/73)	76.1 (51/67)	83.1 (59/71)	84.4 (65/77)	N/A		

^{* &}lt; 25 log10 IU/mL undetectable

q.d.: once daily, PR: pegIFNalpha-2A and ribavirin,

SVR4 and SVR24: patients with undetectable HCV RNA 4 and 24 weeks after planned EoT, respectively.

N/A: Patients in the control arm continue SoC until Week 48 and SVR24 data was not available



Presented at EASL

Oral Presentation:

"Impact of IL28B genotype and pretreatment serum IP-10 in treatment-na?ve genotype-1 HCV patients treated with TMC435 in combination with peginterferon α-2a and ribavirin in PILLAR study" - Thursday, March 31, 2011 from 17:00 to 19:00

Poster Presentations:

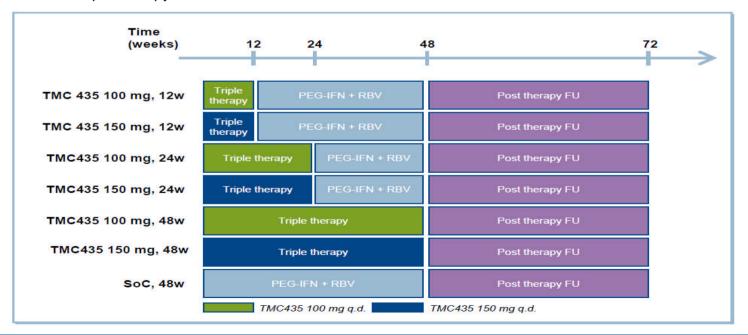
- Late-breaker "The ASPIRE trial: TMC435 in treatment-experienced patients with genotype-1 HCV infection who have failed previous PEG/RBV treatment" - Thursday, March 31, 2011 -Saturday, April 2, 2011
- "Pharmacokinetics of TMC435 in subjects with moderate hepatic impairment" Thursday,
 March 31, 2011 from 09:00 to 18:00
- "Treatment outcome and resistance analysis in HCV genotype-1 patients previously exposed to TMC435 monotherapy and re-treated with TMC435 in combination with pegIFNα-2a/ribavirin" -Saturday, April 2, 2011 from 09:00 to 18:00



TMC 435 Phase 2b study design

ASPIRE (C206)

- TMC435-C206 is a global phase 2b study in 462 genotype-1 treatment-experienced patients
- Once daily (*q.d.*), 100 mg and 150 mg, of TMC435 + SoC:
 - 12-week triple therapy followed by 36 weeks of SoC
 - 24-week triple therapy followed by 24 weeks of SoC
 - 48-week triple therapy





Antiviral Efficacy in TMC435 ASPIRE C206 24-Week Interim Data

	TMC12/PR48 100 mg (N=66)	TMC24/PR48 100 mg (N=65)	TMC48/PR48 100 mg (N=66)	TMC12/PR48 150 mg (N=66)	TMC24/PR48 150 mg (N=68)	TMC48/PR4 8 150 mg (N=65)	Pbo48/PR4 8 (N=66)	
HCV RNA <25 IU/mL undetectable, % (n/N)								
Overall population Week 4 (RVR)	67.7 (44/65)	59.4 (38/64)	53.8 (35/65)	63.1 (41/65)	70.8 (46/65)	66.2 (43/65) ***	1.5 (1/65)	
Prior null responder	33.3 (5/15)	50.0 (8/16)	25.0 (4/16)	35.3 (6/17)	41.2 (7/17)	41.2 (7/17)	0.0 (0/16)	
Prior partial responder	65.2 (15/23)	40.9 (9/22)	60.9 (14/23)	65.2 (15/23)	69.6 (16/23)	68.2 (15/22)	0.0 (0/23)	
Prior relapser	88.9 (24/27)	80.8 (21/26)	65.4 (17/26)	80.0 (20/25)	92.0 (23/25)	80.8 (21/26)	3.8 (1/26)	
Overall population Week 24	87.1 (54/62)	84.5 (49/58) ***	85.2 (52/61) ***	85.7 (54/63) ***	90.8 (59/65)	90.3 (56/62)	51.9 (28/54)	
Prior null responder	71.4 (10/14)	83.3 (10/12)	68.8 (11/16)	70.6 (12/17)	81.3 (13/16)	93.3 (14/15)	44.4 (4/9)	
Prior partial responder	86.4 (19/22)	80.0 (16/20)	85.7 (18/21)	86.4 (19/22)	90.9 (20/22)	86.4 (19/22)	19.0 (4/21)	
Prior relapser	96.2 (25/26)	88.5 (23/26)	95.8 (23/24)	95.8 (23/24)	96.3 (26/27)	92.0 (23/25)	83.3 (20/24)	
***Statistically significant difference versus placebo, p<0.001								

⁽ITT; 25%

Excellent antiviral activity

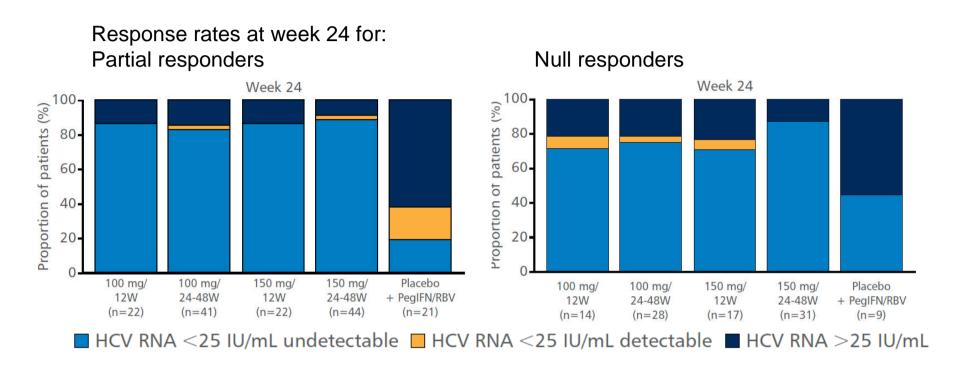


[•]The TMC435 treatment arms demonstrate high response rates

[•]The antiviral efficacy was enhanced in all patient groups through week 12 and 24

[•]Notably, the null responder group demonstrated significant response rates

Antiviral Efficacy in TMC435 ASPIRE C206 24-Week Interim Data



- •The TMC435 treatment arms demonstrate high response rates
- •The antiviral efficacy was enhanced in all patient groups through week 12 and 24
- •Notably, the null responder group demonstrated significant response rates

Excellent antiviral activity



Safety and Tolerability Data at Week 24 in TMC435 ASPIRE C206

Adverse Events

- Median treatment exposure was higher for TMC435 patients compared with placebo (30 weeks for TMC435 compared to 26 weeks in placebo control group), due to higher attrition in the placebo control group which was mainly related to lack or loss of virologic response. This bias should be kept in mind when assessing safety comparisons.
- Overall incidence of AEs was similar across treatment groups.
- The majority of AEs were grade 1 or 2 in severity. Influenza-like illness and pruitus were more commonly reported in TMC435 patients.
- Serious AEs were reported in 5.8% of the patients treated with TMC435 and in 1.5% subjects in the placebo control group. No differences were observed between the TMC435 dose groups.
- AEs leading to treatment discontinuation were reported in 6.1% of the TMC435 treated patients and in 1.5% of the placebo patients.

TMC435 was safe and well tolerated



ASPIRE Trial Conclusions

- TMC435 treatment arms demonstrate high response rates
- The antiviral efficacy was enhanced in all patient groups through week 12 and 24 and treatment will continue up to week 48
- Notably, the null responder group demonstrated significant response rates
- TMC435 was safe and well tolerated
- 48-week data will be available in Q2 2011



Upcoming News Flow



Expected key newsflow highlights during 2011

- Q2 -11 TMC435, 48-week interim data from the phase 2b C206 (ASPIRE) trial in treatment-experienced patients
- Q3-11 C205 (PILLAR) full SVR24 data
- Q3-11 Start of phase 1 trials with MIV-711
- H2-11 Start of phase 3 trials with TMC435 in treatment-experienced nonresponder patients
- H2-11 Phase 1a/1b results with TMC649
- Q4-11 AASLD additional data on TMC435
- Q4-11 OTC launch of Xerclear® in Europe by GSK
- Q4-11 C206 (ASPIRE) SVR24 data



