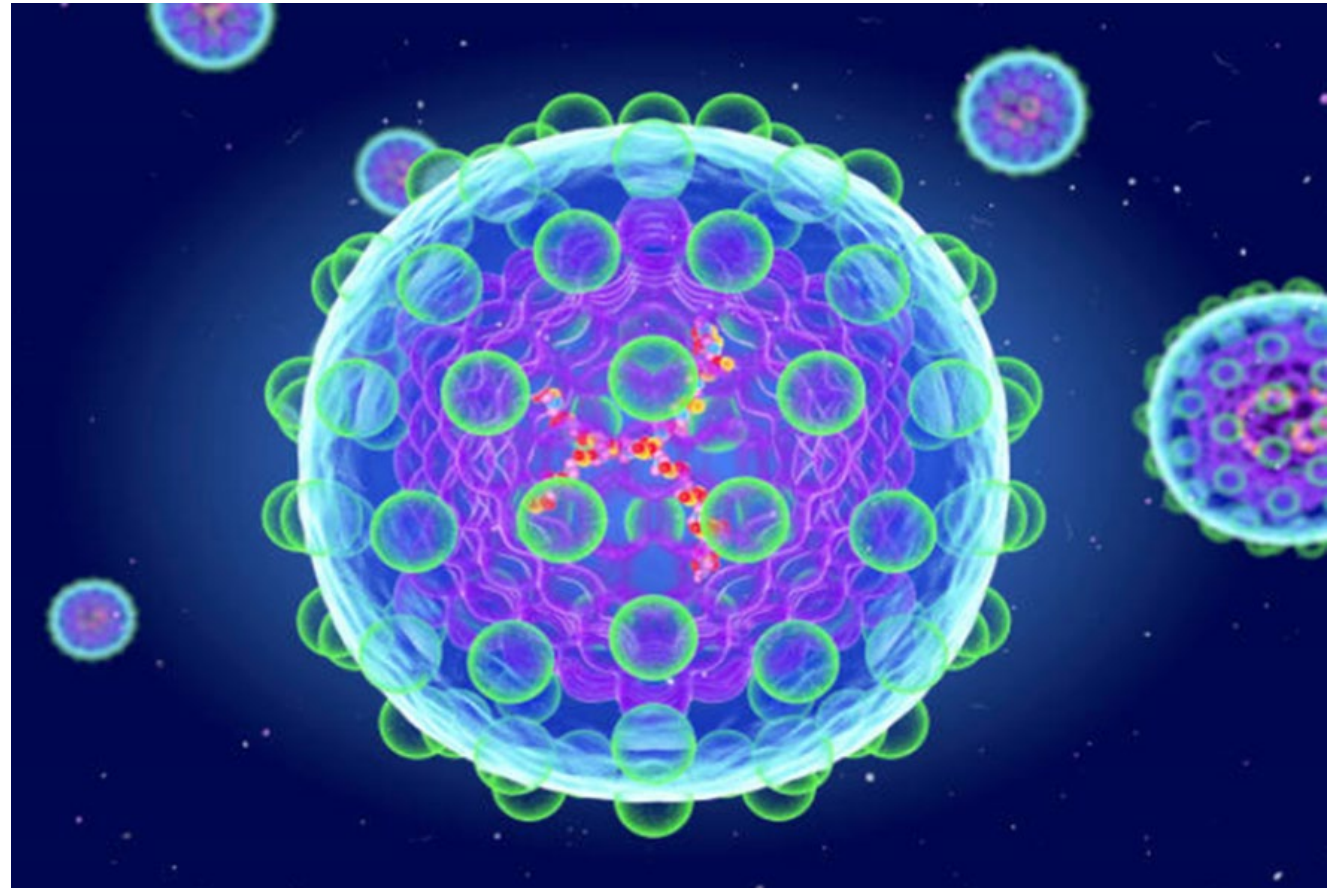


Hepatitis C

Prof. Nasser Semmo, UVCN

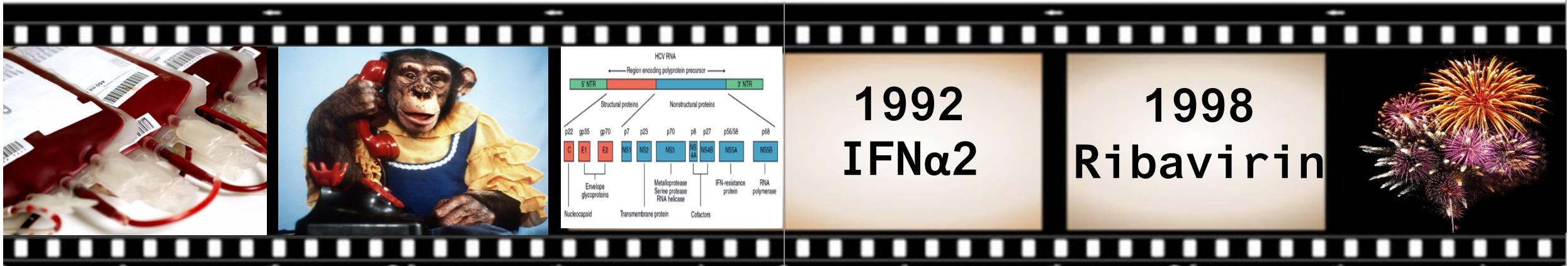
Bible Class @ January 2021



Milestones in the history of HCV

End of 1970s: proof of infection (non-A, non-B)

2011 first DAA combinations



Many
hepatopathies
after blood
transfusion

1989 Genom
identification

Since 2014
DAA
treatments

HCV disease burden WHO 2015



1.75 mio people get
HCV infected per year



3-4x the population of Berne
dies per year due to HCV



Most often reason for
OLT in the USA

WHO-Goal



Are we on a good track in Switzerland?

40'000

NEW

+



—

TREATED

> 8000

40 acute HCV per year
300 chronic HCV per year



Whom to Screen?



Most important ways of transmission today CH



ever i.v. drug use

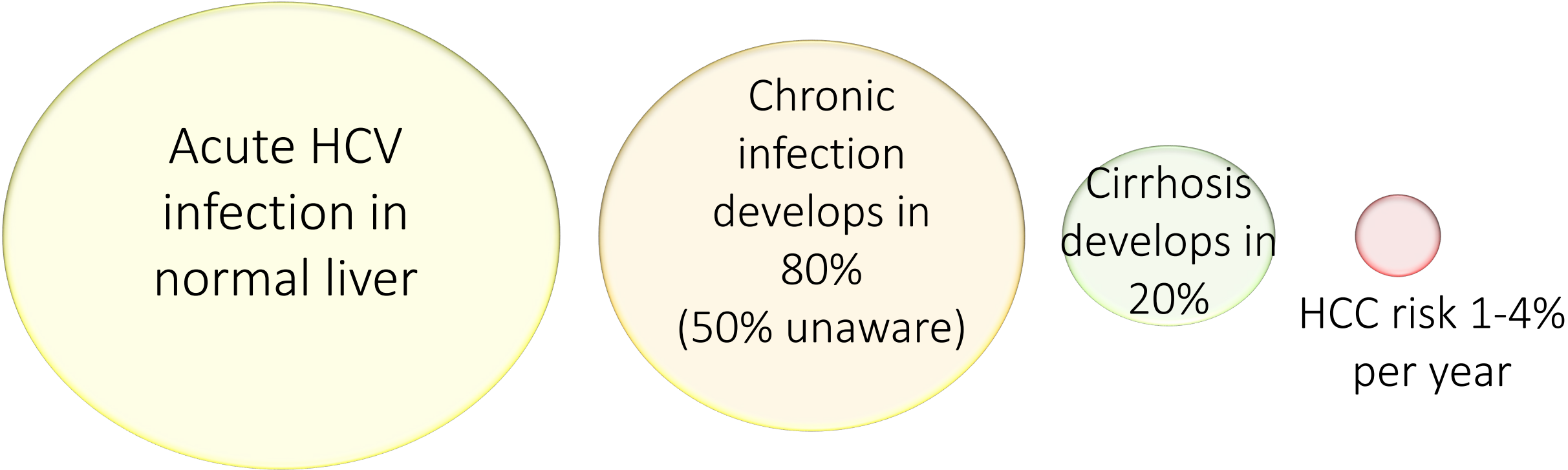


risky sexual behaviour

How many of HCV infected people develop complications?



% of HCV infected people that develop complications



Acute HCV
infection in
normal liver

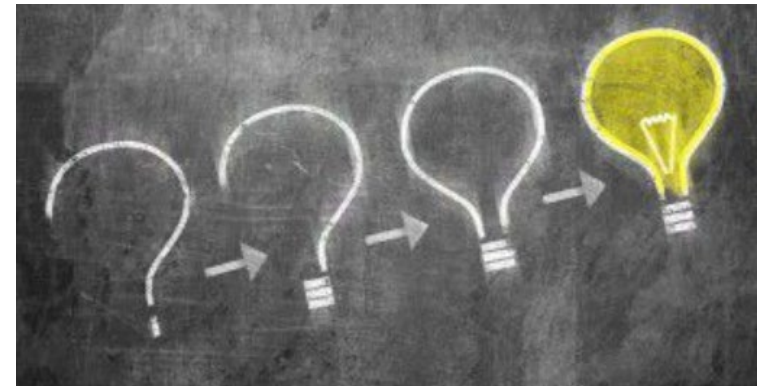
Chronic
infection
develops in
80%
(50% unaware)

Cirrhosis
develops in
20%

HCC risk 1-4%
per year

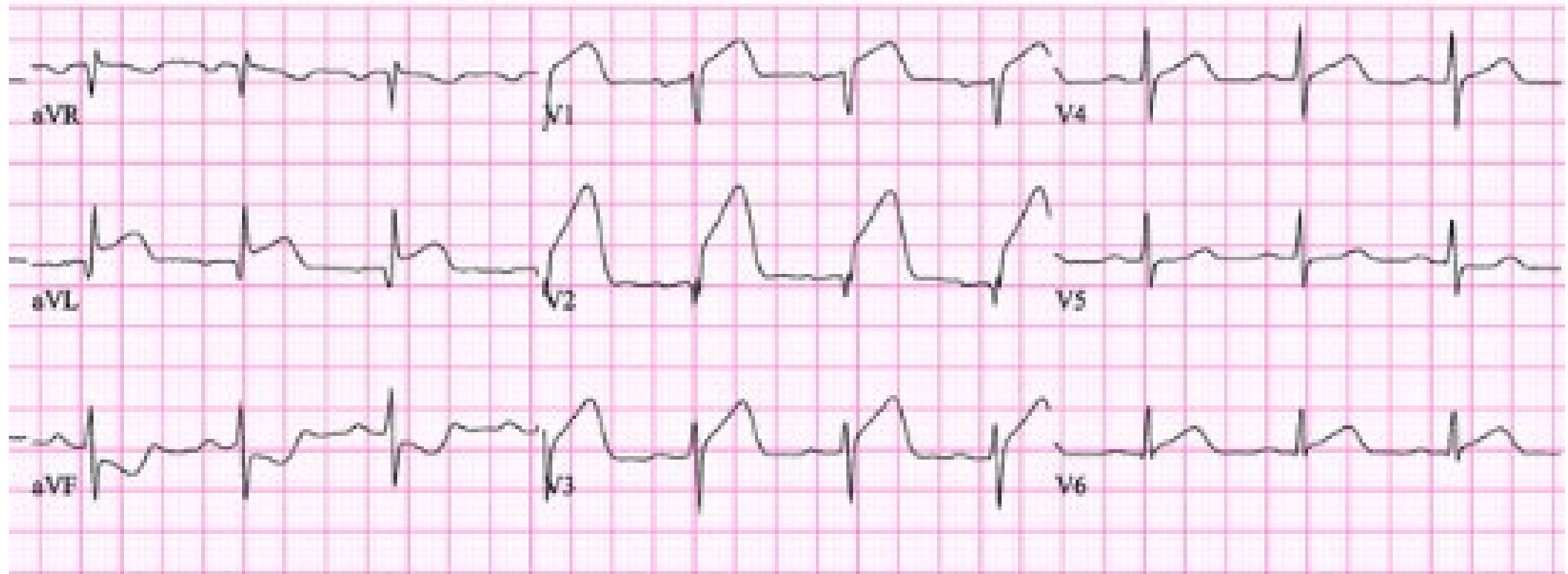
Quiz

Are the following conditions
extrahepatic manifestations
of HCV?

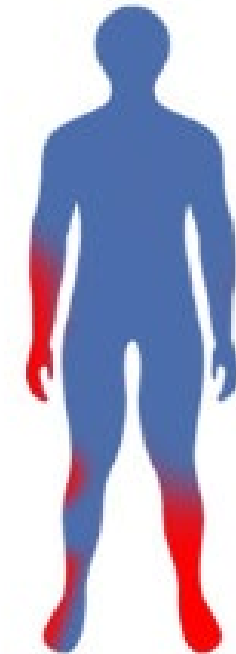
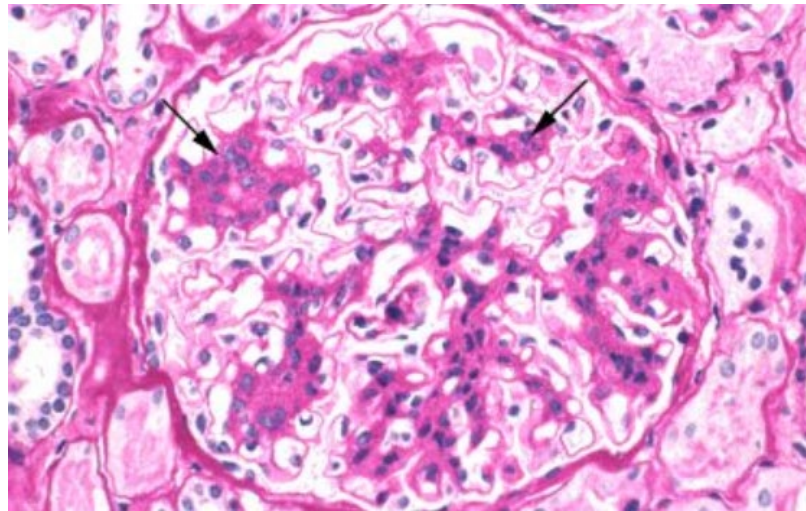












Mononeuropathy Multiplex







Whom to Treat?



E V E R Y O N E



What are urgent treatment indications?





Complications



Risk of
transmission

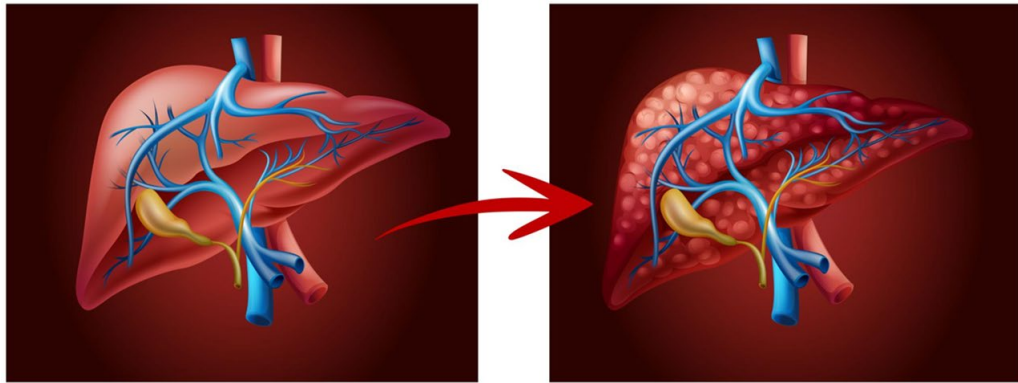


OLT

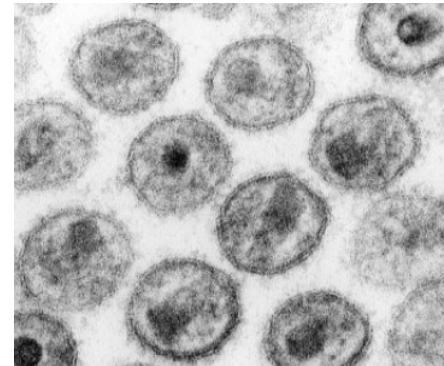
Assessment Prior to Treatment?



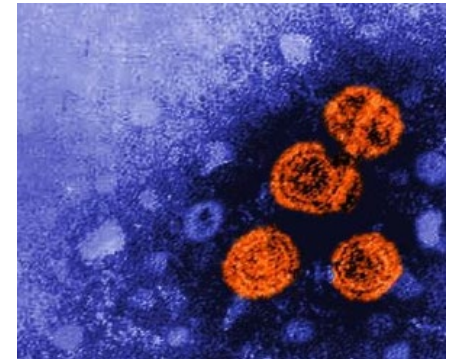
Is there a chronic liver disease and/or chronic viral co-infection present?



active Hepatitis B or HIV



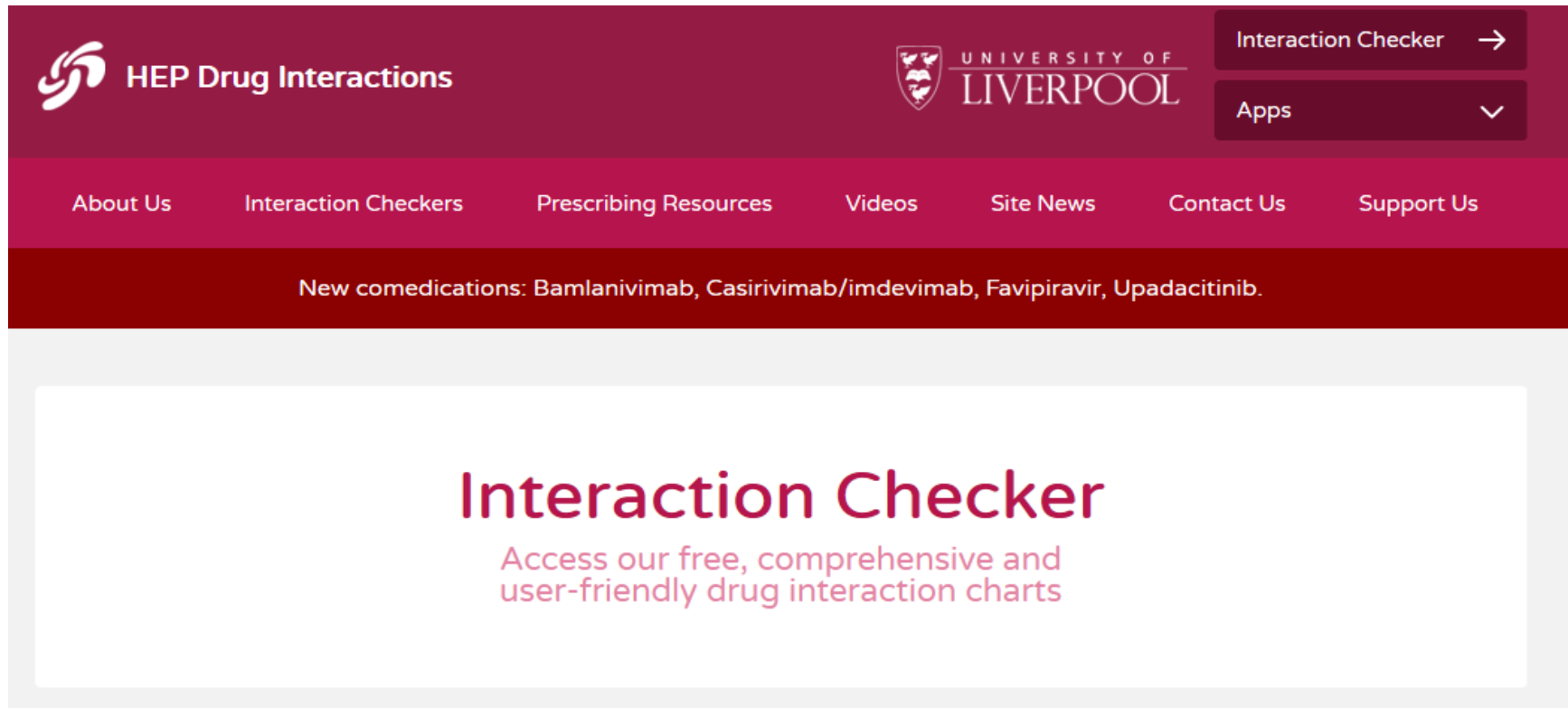
HIV



HBV

Staging of chronic liver disease

Check for interactions with DAAs



The screenshot shows the top section of the HEP Drug Interactions website. The header is dark red with the HEP Drug Interactions logo on the left and the University of Liverpool logo on the right. Navigation links for 'Interaction Checker' and 'Apps' are in the top right. A secondary navigation bar contains links for 'About Us', 'Interaction Checkers', 'Prescribing Resources', 'Videos', 'Site News', 'Contact Us', and 'Support Us'. Below this, a dark red banner highlights new comedications. The main content area features a large 'Interaction Checker' heading and a description of the service.

HEP Drug Interactions

UNIVERSITY OF LIVERPOOL

Interaction Checker →

Apps ↓

About Us Interaction Checkers Prescribing Resources Videos Site News Contact Us Support Us

New comedications: Bamlanivimab, Casirivimab/imdevimab, Favipiravir, Upadacitinib.

Interaction Checker

Access our free, comprehensive and user-friendly drug interaction charts

What are your treatment options?



Very efficient and well tolerated treatments

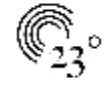


Epclusa 1x1 Tbl/d for 12 weeks or

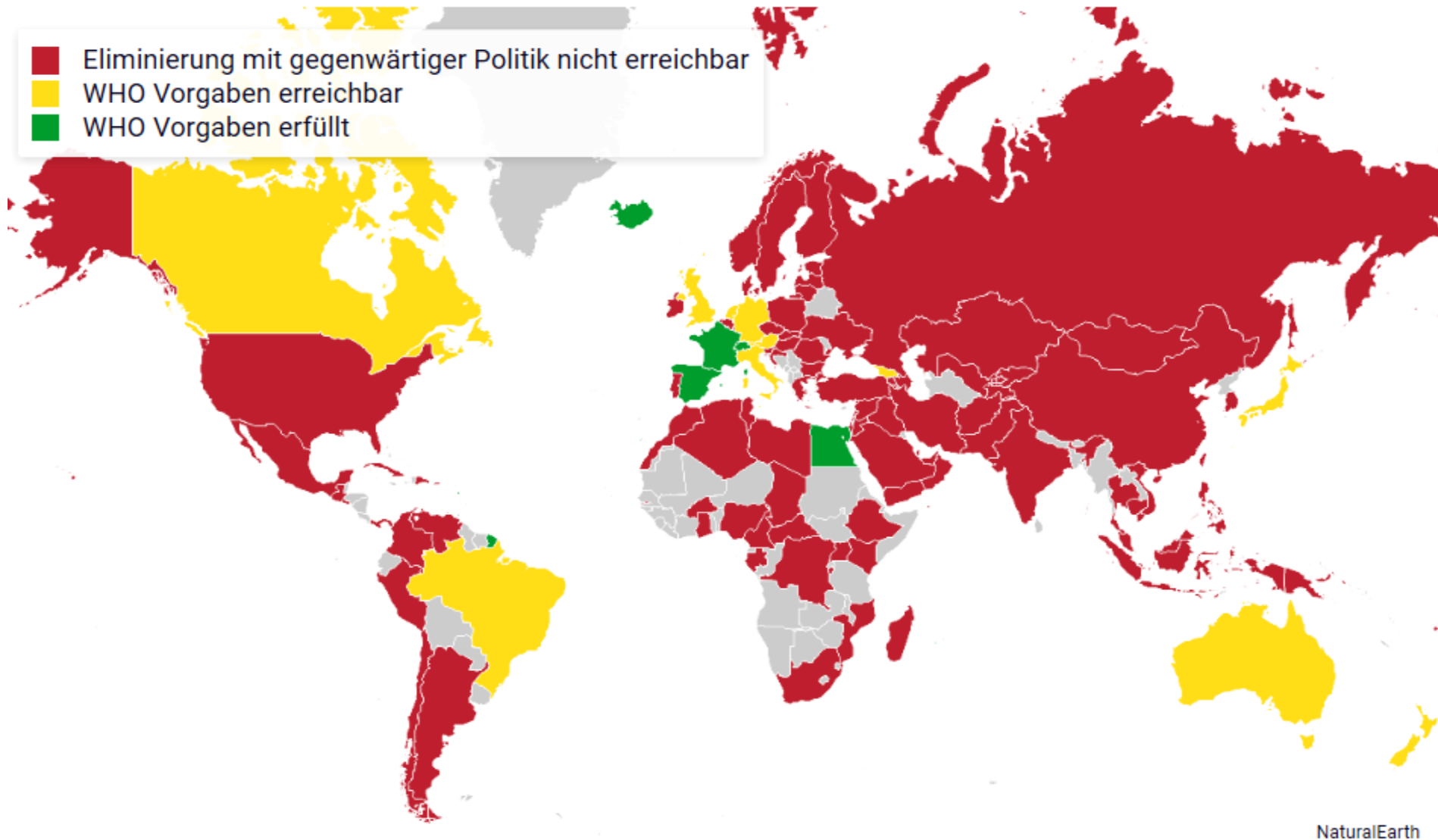
Maviret 1x3 Tbl/d for 8 weeks

EPCLUSA if cirrhosis with current or past decompensation

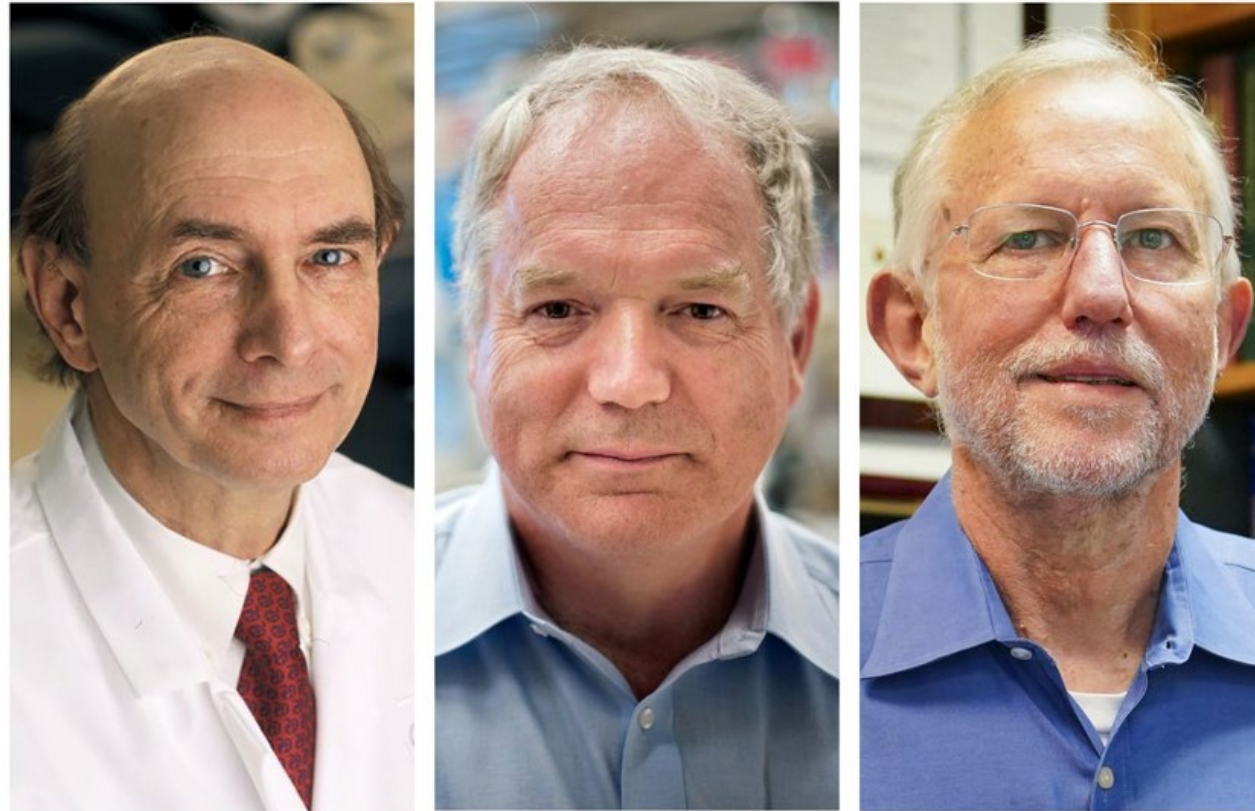
Eliminierung von Hepatitis C weltweit



2019



Can the nobel prize 2020 put HCV on the agenda of the philanthropic community?



Harvey Alter, Michael Houghton, Charles Rice



Questions?
Comments?