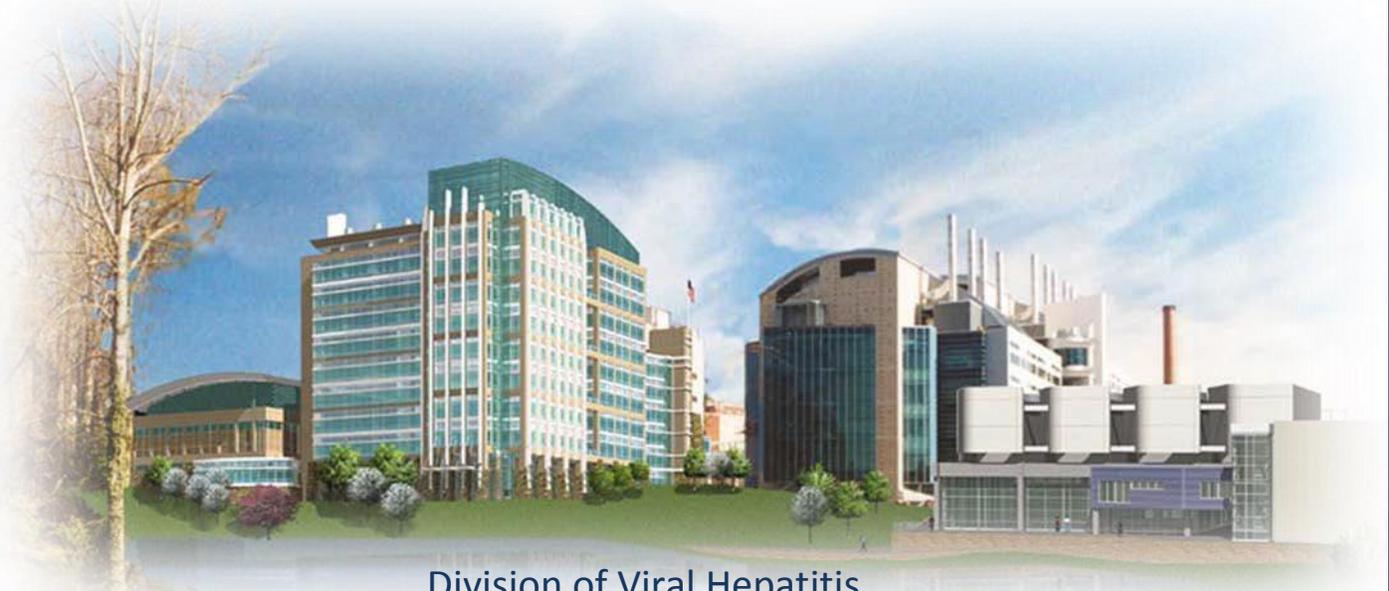


Hepatitis C Diagnostic Summit

September 8 – 9, 2016

Centers for Disease Control and Prevention
Tom Harkin Global Communication Center



Division of Viral Hepatitis
National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention

1600 Clifton Road, NE
Atlanta, GA 30329

Speakers and Moderators

Tanya Applegate, PhD
Greg Armstrong, MD
Francisco Averhoff, MD
Adrian Di Bisceglie, MD
Bernie Branson, MD
Michael Chapko, PhD
George Dawson, PhD
Claudia Denkinger, MD, PhD
Brian Edlin, MD
Jeffrey Engel, MD

Michael Fried, MD
Lilia Ganova-Raeva, PhD
Fengxiang Gao, PhD
Anne Gaynor, PhD
Camila Graham, MD
Susan Hariri, PhD
Scott Holmberg, MD
Christiane Honisch, PhD
Daniel Johnson, MD

Saleem Kamili, PhD
Yury Khudyakov, PhD
W. Ray Kim, MD
Julia Kreß, PhD
Anne Loarec, MD
Steve Lovell, PhD
Lesley Miller, MD
Monica Parker, PhD
Rick Pesano, MD, PhD

Christos Petropoulos, PhD
Hong Qi, PhD
Liisa M. Randall, PhD
Michael Reed, MD
Linda Thomas, MS
Doug Thoroughman, PhD, MS
John W Ward, MD
Carolyn Wester, MD, MPH
Belinda Yen-Lieberman, PhD

Organizing Committee

Saleem Kamili, PhD
Centers for Disease Control
and Prevention

John W Ward, MD
Centers for Disease Control
and Prevention

Anne M Gaynor, PhD
Association of
Public Health Laboratories

Claudia Denkinger, MD, PhD
Foundation for Innovation
New Diagnostics

www.cdc.gov/hepatitis

Scientific Program

Thursday, September 8, 2016

8:00 AM - 9:00 AM	Sign-in and on-site registration
9:00 AM - 9:10 AM	Welcome Jonathan Mermin , MD, National Center for HIV/AIDS, Viral Hepatitis, STD and TB Prevention, CDC
9:10 AM - 9:30 AM	Opening remarks & setting the stage for the summit John Ward , MD, Division of Viral Hepatitis, CDC

Session I: Diagnosis and Management of Current HCV Infection – From HCV Testing to Cure

Moderators: **Michael Fried**, MD and **Daniel Johnson**, MD

10 min presentations followed by 5 min Q&A

9:30 AM - 9:45 AM	Testing for diagnosis of current HCV infection Lesley Miller , MD, Emory University School of Medicine/Grady Hospital
9:45 AM - 10:00 AM	Testing for management and monitoring of anti-viral therapy Adrian Di Bisceglie , MD, Saint Louis University School of Medicine, St Louis, MO
10:00 AM - 10:15 AM	Testing for relapse versus re-infection and on-going exposures Brian Edlin , MD, Medical officer, NCHHSTP, CDC
10:15 AM - 10:30 AM	Testing of high-risk and special populations W. Ray Kim , MD, Stanford University Medical Center, Stanford, CA
10:30 AM - 10:45 AM	HCV national surveillance Scott Holmberg , MD, Division of Viral Hepatitis, CDC
10:45 AM - 11:00 AM	Roundtable of speakers with Q&A
11:00 AM - 11:10 AM	Break

Session II: HCV Diagnostics: the Clinical and Public Health Laboratory Setting - Policy, Practice and Data

Moderators: **Bernie Branson**, MD and **Jeffrey Engel**, MD

10 min presentation, moderated Q&A at the end of the session

11:10 AM - 11:40 AM	Testing practices and platforms, and challenges in implementing CDC's updated hepatitis C testing guidelines LabCorp- Christos Petropoulos , PhD Quest Diagnostics- Rick Pesano , MD, PhD Cleveland Clinic- Belinda Yen-Lieberman , PhD
11:40 AM - 11:50 AM	Use of commercial lab data for public health action Susan Hariri , PhD, Division of Viral Hepatitis, CDC
11:50 AM - 12:20 PM	Roundtable of speakers with Q&A
12:20 PM - 1:30 PM	Lunch

Session III: Expanding Access to Quality HCV Diagnostics Globally Especially in Resource-limited Settings

Moderators: **Claudia Denkinger**, MD, PhD and **John Ward**, MD

10 min presentations followed by 5 min Q&A

1:30 PM - 1:45 PM	Overview of global gaps in diagnostics Francisco Averhoff , MD, Division of Viral Hepatitis, CDC
1:45 PM – 2:00 PM	Efforts to improve and make HCV diagnostics affordable globally Claudia Denkinger , MD, PhD Tuberculosis and Hepatitis Program, FIND
2:00 PM - 2:15 PM	The pursuit of 'good enough' in hepatitis C diagnostics Camila Graham , MD, Beth Israel Deaconess Medical Center, Boston, MA
2:15 PM - 2:30 PM	MSF experience with HCV screening, care and monitoring Anne Loarec , MD, Médecins Sans Frontières/Doctors without Borders
2:30 PM - 2:45 PM	Break
2:45 PM - 3:00 PM	Development of WHO standards for HCV NATs Julia Kreß , PhD, Paul Ehrlich Institute
3:00 PM - 3:15 PM	CDC's efforts in improving diagnostics: development of proficiency panels Saleem Kamili , PhD, Division of Viral Hepatitis, CDC
3:15 PM - 3:30 PM	Roundtable of speakers with Q&A
3:30 PM - 3:45 PM	Closing remarks John Ward , MD, Division of Viral Hepatitis, CDC

Scientific Program

Friday, September 9, 2016

8:00 AM - 8:15 AM Opening remarks
John Ward, MD, Division of Viral Hepatitis, CDC

Session IV: HCV Diagnostics – New and Improved Technologies

Moderators: **Saleem Kamili**, PhD and **Steve Lovell**, PhD

10 min presentations followed by 5 min Q&A

8:20 AM - 8:35 AM Current diagnostic landscape in HCV
Bernie Branson, MD, Scientific Affairs, LLC

8:35 AM - 8:50 AM HCV core antigen Assay
George Dawson, PhD, Abbott

8:50 AM – 9:05 AM Point-of-care HCV antibody assays
Michael Reed, PhD, Orasure

9:05 AM - 9:20 AM Point-of-care HCV core antigen test development
Hong Qi, PhD, Qoo labs

9:20 AM - 9:35AM Point-of-care HCV RNA test
Tanya Applegate, PhD, Kirby Institute, UNSW, AU

9:35 AM - 9:50 AM *Break*

9:50 AM – 10:05 AM Integrated testing for multiple pathogens - Virome analysis
Christiane Honisch, PhD, Illumina

10:05 AM - 10:25 AM Roundtable of speakers with Q&A

Session V: U.S. Public Health role in HCV Detection, Investigation and Response

Part I – Moderator: **Carolyn Wester**, MD, MPH

10 min presentations followed by 5 min Q&A

10:30 AM - 10:45 AM Public health laboratory capacity in the United States
Anne Gaynor, PhD, Association of Public Health Laboratories

10:45 AM - 11:00 AM Challenges in using Laboratory Developed Tests in HCV Diagnostics
Monica Parker, PhD, New York State Department of Health

11:00 AM - 11:15 AM Regulatory issues in diagnostic development
Steve Lovell, PhD, U.S. Food and Drug Administration

11:15 AM - 11:30 AM *Break*

11:30 AM - 11:45 AM Cost-effectiveness of various HCV testing strategies
Michael Chapko, PhD, University of Washington

11:45 AM - 12:00 PM Roundtable of speakers with Q/A

12:00 PM - 1:30 PM *Lunch*

Part II – Moderator: **Greg Armstrong**, MD

1:30 PM - 1:45 PM Evolving a state laboratory diagnostic capacity during an HCV outbreak
Fengxiang Gao, PhD, New Hampshire State Department of Health

1:45 PM - 2:00 PM Next Generation Sequencing Technology
Lilia Ganova-Raeva, PhD, Division of Viral Hepatitis, CDC

2:00 PM - 2:15 PM GHOST – outbreak investigations and molecular surveillance
Yury Khudyakov, PhD, Division of Viral Hepatitis, CDC

2:15 PM - 2:30 PM Implementation of GHOST – a Pilot site
Linda Thomas, MS, Tennessee State Department of Health

2:30 PM - 3:00 PM Roundtable of speakers with Q/A

3:00 PM - 3:45 PM Panel Discussion: Key programmatic and policy issues impacting health departments in regards to hepatitis C **Carolyn Wester**, MD, MPH; **Doug Thoroughman**, PhD, MS; **Liisa M. Randall**, PhD

3:45 PM - 4:00 PM Wrap-up and closing remarks
John Ward, MD, Division of Viral Hepatitis, CDC