



## **Guidelines for Prevention and Treatment of Opportunistic Infections in HIV-Infected Adults and Adolescents**

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## Appendix C. Panel Roster and Financial Disclosures

### Leadership (Last Reviewed: February 1, 2016; Last Updated: February 1, 2016)

Member		Financial Disclosure	
		Company	Relationship
Benson, Constance	<i>University of California, San Diego</i>	None	N/A
Brooks, John T.	<i>Centers for Disease Control and Prevention</i>	None	N/A
Holmes, King	<i>University of Washington School of Medicine</i>	None	N/A
Kaplan, Jonathan*	<i>Centers for Disease Control and Prevention</i>	None	N/A
Masur, Henry	<i>National Institutes of Health</i>	None	N/A
Pau, Alice	<i>National Institutes of Health</i>	None	N/A

**Note:** Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from March 1, 2014, through March 1, 2016.

\* Retired from the panel in March, 2016

***Pneumocystis Pneumonia*** (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

Member		Financial Disclosure	
		Company	Relationship
Crothers, Kristina	<i>Yale University School of Medicine</i>	• NIH	• Research
Furrer, Hansjakob	<i>Universitatsspital Bern, Switzerland</i>	None	N/A
Helweg-Larsen, Jannik	<i>Rigshospitalet, Copenhagen University, Denmark</i>	None	N/A
Huang, Laurence	<i>University of California, San Francisco</i>	• NIH	• Research
Kovacs, Joe*	<i>National Institutes of Health</i>	None	N/A
Miller, Robert	<i>University College London, England</i>	• Gilead	• Honoraria, Speaker's Bureau
		• Janssen-Cilag	• Honoraria, Speaker's Bureau
		• Mark Allen Healthcare	• Honoraria
		• Merck	• Honoraria, Speaker's Bureau
Morris, Alison	<i>University of Pittsburgh Medical School</i>	• Associates of Cape Cod	• Research Support
		• Gilead	• Research Support
		• NIH	• Research Support
		• Roche	• Research Support

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from September 1, 2012, through September 1, 2014.

## Toxoplasma gondii Encephalitis (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

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Member		Financial Disclosure	
		Company	Relationship
Boyd, Sarita	<i>Food and Drug Administration</i>	None	N/A
Chow, Felicia	<i>University of California, San Francisco</i>	• Gilead	• Stock Holder†
Kovacs, Joe*	<i>National Institutes of Health</i>	None	N/A
Lai, Leon	<i>Washington Hospital Center</i>	• Advanced Medical	• Stock Holder
		• Amgen	• Stock Holder
		• Bristol-Myers Squibb	• Stock Holder
		• DuPont	• Stock Holder
		• Eli Lilly & Co.	• Stock Holder
		• Merck	• Stock Holder
		• Pfizer	• Stock Holder
		• Schering-Plough	• Stock Holder
Miro, Jose M.	<i>Hospital Clinic-IDIBAPS, University of Barcelona, Barcelona, Spain</i>	• Abbvie	• Consultant, Honoraria, Speaker's Bureau
		• Astellas	• Consultant
		• Bristol-Myers Squibb	• Consultant, Honoraria, Research Support, Speaker's Bureau
		• Cubist	• Advisory Board, Consultant, Honoraria, Research Support, Speaker's Bureau
		• Fundacion Maximo Soriano Jimenez, Barcelona, Spain	• Research Support
		• Gilead	• Consultant, Honoraria, Speaker's Bureau
		• GlaxoSmithKline	• Honoraria, Speaker's Bureau
		• Instituto de Salud Carlos III, Spanish Ministry of Health, Madrid, Spain	• Research Support
		• Janssen-Cilag	• Speaker's Bureau
		• Merck	• Consultant, Speaker's Bureau
		• National Institutes of Health	• Research Support
		• Novartis	• Advisory Board, Consultant, Honoraria, Research Support, Speaker's Bureau
		• Pfizer	• Consultant, Speaker's Bureau
• ViiV Healthcare	• Honoraria, Speaker's Bureau, Research Support		
Montoya, Jose	Stanford University	None	N/A

## *Toxoplasma gondii* Encephalitis (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

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Member		Financial Disclosure	
		Company	Relationship
Podzamczer, Daniel	<i>Hospital Universitari de Bellvitge, Spain</i>	• Abbott	• Advisory Board, Speaker's Bureau
		• Boehringer Ingelheim	• Advisory Board, Research Support, Speaker's Bureau, Travel Support
		• Bristol-Myers Squibb	• Advisory Board, Speaker's Bureau
		• Gilead	• Advisory Board, Research Support, Speaker's Bureau
		• GlaxoSmithKline	• Advisory Board, Research Support, Speaker's Bureau
		• Janssen-Cilag	• Advisory Board, Speaker's Bureau
		• Merck	• Advisory Board, Speaker's Bureau
		• Pfizer	• Advisory Board, Research Support, Speaker's Bureau
		• ViiV	• Advisory Board, Research Support, Speaker's Bureau

\* Group lead; † Divested

**Note:** Members were asked to disclose all relationships from 24 months prior to the update date. The period of reporting was from September 1, 2012, through September 1, 2014.

**Cryptosporidiosis and Microsporidiosis (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)**

Member		Financial Disclosure	
		Company	Relationship
Desruisseaux, Mahalia	<i>Albert Einstein College of Medicine</i>	None	N/A
Didier, Elizabeth	<i>Tulane University</i>	None	N/A
Ward, Honorine	<i>Tufts University Medical School</i>	None	N/A
Weiss, Louis*	<i>Albert Einstein College of Medicine</i>	• NIH	• Research Support
White, A. Clinton	<i>University of Texas Medical Branch</i>	None	N/A
Xiao, Lihua	<i>Centers for Disease Control and Prevention</i>	• Water Research Foundation	• Research Support

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the update date. The period of reporting was from September 1, 2012, through September 1, 2014.

***Mycobacterium tuberculosis* Infection and Disease** (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

Member		Financial Disclosure	
		Company	Relationship
Dooley, Kelly	<i>Johns Hopkins University</i>	• Viiv Health Care	• Research Support
Gandhi, Neel	<i>Rollins School of Public Health-Emory University</i>	None	N/A
Havlir, Diane*	<i>University of California, San Francisco</i>	• Abbot	• Research Support
		• Gilead	• Research Support
Luetkemeyer, Annie	<i>University of California, San Francisco</i>	• Cepheid	• Research Support
Maartens, Gary	<i>University of Cape Town, South Africa</i>	None	N/A
Meintjes, Graeme	<i>University of Cape Town, South Africa</i>	• Sanofi-Aventis	• Speaker's Bureau
Shah, Sarita	<i>Centers for Disease Control and Prevention</i>	None	N/A
Sterling, Timothy	<i>Vanderbilt University</i>	• Otsuka	• DSMB Member
		• Sanofi	• Consultant

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from September 1, 2012, through September 1, 2014.

**Disseminated *Mycobacterium avium* Complex Disease (Last Reviewed: November 1, 2012; Last Updated: November 1, 2012)**

Member		Financial Disclosure	
		Company	Relationship
Cohn, David	<i>University of Colorado School of Medicine</i>	None	N/A
Currier, Judith	<i>University of California, Los Angeles</i>	• Achillion	• DSMB Member
		• EMD Seronon	• Advisory Board
		• Gilead	• Consultant
		• GlaxoSmithKline	• Honoraria
		• Janssen-Cilag	• Honoraria, Travel Support
		• Koronis	• DSMB Member
		• Merck	• Advisory Board, Research Support
		• Pfizer	• Advisory Board
		• Schering-Plough	• Research Support
	• Tibotec	• Advisory Support, Research Support, Travel Support	
Dorman, Susan	<i>Johns Hopkins University</i>	• Bill and Melinda Gates Foundation	• Research Support
		• FDA	• Research Support
		• NIH	• Research Support
Gordin, Fred*	<i>Veterans Affairs Medical Center; Washington, DC</i>	None	N/A
Horsburgh, C. Robert	<i>Boston University</i>	• Bill and Melinda Gates Foundation	• Travel Support
		• CDC	• Research Support
		• Medical Research Council (UK)	• Travel Support
		• NIH	• Research Support

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months before the writing panel convened. The period of reporting was from June 1, 2008, through November 1, 2012.



## Bacterial Respiratory Disease (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

Member		Financial Disclosure	
		Company	Relationship
Crothers, Kristina*	<i>University of Washington</i>	None	N/A
Miller, Robert	<i>University College London, England</i>	• Gilead	• Honoraria, Speaker's Bureau
		• Mark Allen Healthcare	• Honoraria
		• Merck	• Honoraria, Speaker's Bureau
Moore, Matthew	<i>Centers for Disease Control and Prevention</i>	None	N/A
Morris, Alison	<i>University of Pittsburgh Medical School</i>	• Cape Cod Association	• Research Support
		• Gilead	• Research Support
		• NIH	• Research Support
		• Roche	• Research Support
Niederman, Michael	<i>Winthrop University Hospital</i>	• Bayer	• Advisory Board, Honoraria, Research Support
		• Cubist	• Research Support
		• Merck	• Advisory Board
		• Pfizer	• Advis
		• Thermo-Fisher	• Honoraria

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from September 1, 2012 through September 1, 2014.

## Bacterial Enteric Infections (Last Reviewed: April 1, 2016; Last Updated: April 1, 2016)

Member		Financial Disclosure	
		Company	Relationship
Bowen, Anna	<i>Centers for Disease Control and Prevention</i>	• Procter and Gamble	• Research Support
Pham, Paul	<i>University of Maryland &amp; Westview Urgent Care Medi Center</i>	None	• N/A
Sears, Cynthia*	<i>Johns Hopkins University</i>	• Clinical Infectious Diseases	• Other
		• Merieux Institute	• Research Support
		• NIH	• Research Support
		• Up-To-Date	• Other
Wanke, Christine	<i>Tufts University Medical School</i>	• GlaxoSmithKline	• Research Support
		• Optimer Pharmaceutical	• DS
		• Pfizer	• Clinical Trial Even Adjudication

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from April 1, 2014, through April 1, 2016.

## Bartonellosis (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

Member		Financial Disclosure	
		Company	Relationship
Basgoz, Nesli	<i>Harvard Medical School</i>	• Forest Labs	• Other
Chomel, Bruno	<i>University of California Davis</i>	None	N/A
Kirby, James	<i>Harvard Medical School</i>	None	N/A
Koehler, Jane*	<i>Univer</i>	None	N/A

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from September 1, 2012, through September 1, 2014.

## Syphilis (Last Reviewed: February 1, 2016; Last Updated: February 1, 2016)

Member		Financial Disclosure	
		Company	Relationship
Bolan, Gail	<i>Centers for Disease Control and Prevention</i>	None	N/A
Ghanem, Khalil	<i>Johns Hopkins University</i>	None	N/A
Hollier, Lisa	<i>Baylor College of Medicine</i>	None	N/A
Hook, Edward W.	<i>University of Alabama at Birmingham</i>	• Becton-Dickinson	• Honoraria, Research Support
		• Gen Probe	• Research Support
		• GlaxoSmithKline	• Research Support
		• Merck	• Honoraria
		• Siemens	• Research Support
Sena, Arlene	<i>University of North Carolina</i>	None	N/A
Stoner, Brad	<i>Washington University School of Medicine</i>	None	N/A
Workowski, Kim*	<i>Emory University</i>	• Bristol-Myers Squibb	• Research Support
		• CDC	• Consultant
		• Gilead	• Consultant
		• Vertex	• Research Support

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from February 1, 2014, through February 1, 2016.

## Mucocutaneous Candidiasis (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

Member		Financial Disclosure	
		Company	Relationship
Lionakis, Michail*	<i>National Institutes of Health</i>	None	N/A
Ostrosky-Zeichner, Luis	<i>University of Texas Houston</i>	• Astellas	• Advisory Board, Consultant, Research Support
		• Cape Cod Assoc.	• Research Support
		• Merck	• Advisory Board, Consultant, Research Support, Speaker's Bureau
		• Pfizer	• Advisory Board, Consultant, Honoraria, Research Support, Speaker's Bureau
		• T2 Biosystems	• Research Support
Revankar, Sanjay	<i>Wayne State University School of Medicine</i>	• Astellas	• Research Support
		• Merck	• Research Support
		• Optimer	• Consultant
		• T2 Biosystems	• Research Support
Sobel, Jack	<i>Wayne State University School of Medicine</i>	• Astellas	• Honoraria, Speaker's Bureau
Vazquez, Jose	<i>Henry Ford Hospital</i>	• Astellas	• Honoraria, Research Support, Speaker's Bureau
		• Forest	• Advisory Board, Honoraria, Speaker's Bureau
		• Merck	• Honoraria, Research Support, Speaker's Bureau
		• Pfizer	• Honoraria,
		• Strativa	• Honoraria, Speaker's Bureau

\* Group lead

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## Invasive Mycoses (Last Reviewed: November 10, 2016; Last Updated: November 10, 2016)

Member		Financial Disclosure	
		Company	Relationship
Ampel, Neil*	<i>University of Arizona</i>	• Nielsen BioSciences	• Research Support
Blair, Janis	<i>Mayo Clinic Arizona</i>	None	N/A
Hage, Chadi	<i>Indiana University</i>	None	N/A
Hamill, Richard	<i>Baylor College of Medicine</i>	None	N/A
Kauffman, Carol	<i>University of Michigan and VA Ann Arbor Healthcare System</i>	None	N/A
Pappas, Peter	<i>University of Alabama at Birmingham</i>	• Astellas	• Advisory Board, Consulting, Honoraria, Research Support
		• Merck	• Advisory Board, Research Support, Speaker's Bureau
		• Pfizer	• Advisory Board, Research Support
		• T-2 Diagnostics	• Advisory Board
Perfect, John	<i>Duke University</i>	• Amplyx	• Consultant, Research Support
		• Astellas	• Advisory Board, Consultant, Honoraria, Research Support
		• Cidara	• Consultant
		• F2G	• Consultant
		• Merck	• Advisory Board, Consultant, Honoraria, Research Support
		• Minnetronix	• Consultant, Research Support
		• Pfizer	• Consultant, Research Support
		• Scynexis	• Consultant
		• TEVA	• Honoraria
		• <i>Viamet</i>	• Consultant
• Vical	• Consultant		

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from November 1, 2014, through November 1, 2016.

**Herpes** (Last Reviewed: February 1, 2016; Last Updated: February 1, 2016) (page 1 of 2)

Member		Financial Disclosure	
		Company	Relationship
Casper, Corey	<i>University of Washington School of Medicine</i>	• Centocor	• Research Support
		• GlaxoSmithKline	• Scientific Advisory Board
		• Janssen Pharmaceuticals	• Consultant, Research Support
		• Johnson & Johnson	• Research Support
		• Sanofi Pasteur	• Research Support
		• Temptime	• Scientific Advisory Board
Durand, Christine	<i>Johns Hopkins University</i>	• Gilead	• Advisory Board, Research Support
Gnann, John	<i>Medical University of South Carolina</i>	• BioCryst	• DSMB Member
		• GlaxoSmithKline	• DSMB Member
		• Merck	• DSMB Member, Consultant
Jabs, Douglas	<i>Icahn School of Medicine at Mount Sinai</i>	• None	• N/A
Jacobson, Mark	<i>University of California San Francisco</i>	• None	• N/A
Johnston, Christine*	<i>University of Washington</i>	• Agenus	• Research Support
		• Aicuris	• Research Support
		• Genoccea	• Research Support
		• Gilead	• Research Support
		• Vical	• Research Support
Kimberlin, David	<i>University of Alabama at Birmingham</i>	• Alios	• Research Support
		• GlaxoSmithKline	• Research Support
Parsons, Christopher	<i>Louisiana State University School of Medicine in New Orleans</i>	None	• N/A
Phipps, Warren	<i>University of Washington School of Medicine</i>	None	• N/A

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from February 1, 2014, through February 1, 2016.

**Herpes** (Last Reviewed: February 1, 2016; Last Updated: February 1, 2016) (page 2 of 2)

Member		Financial Disclosure	
		Company	Relationship
Wald, Anna	<i>University of Washington School of Medicine</i>	• Agenus	• Research Support
		• AiCuris	• Consultant
		• Amgen	• Consultant
		• Eisai	• Consultant
		• Genocera	• Research Support
		• Gilead	• Research Support
		• Merck	• DSMB Member
		• Up-To-Date	• Other
		• Vical	• Research Support

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from February 1, 2014, through February 1, 2016.



## Human Papillomavirus Disease (Last Reviewed: March 1, 2016; Last Updated: March 1, 2016)

Member		Financial Disclosure	
		Company	Relationship
Brown, Darron	<i>Indiana University School of Medicine</i>	• Merck	• Advisory Board, Honoraria, Patent, Speaker's Bureau
		• PDS, Inc.	• Advisory Board
Cu-Uvin, Susan*	<i>Brown University</i>	• CONRAD	• Advisory Board
Dunne, Eileen	<i>Centers for Disease Control and Prevention</i>	None	N/A
Einstein, Mark	<i>Rutgers New Jersey Medical School</i>	• Baxalta	• Research Support
		• Becton-Dickinson	• Research Support
		• Eli Lilly	• Research Support
		• Inovio	• Advisory Board, Research Support, Travel Support
		• Natera	• Consultant
		• Papivax	• Consultant
		• PDS, Inc.	• Consultant, Research Support, Travel Support
		• Photocure	• Consultant, Research Support, Travel Support
Massad, L. Stewart	<i>Washington University School of Medicine</i>	None	N/A
		None	N/A
Moscicki, Anna Barbara	<i>University of California, Los Angeles</i>	• Merck	• Advisory Board, Honoraria
Palefsky, Joel	<i>University of California, San Francisco</i>	• Aura Biosciences	• Advisory Board, Travel Support
		• Hologic	• Research Support
		• Merck	• Advisory Board, Consultant, Research Support, Travel Support
		• Pharmajet	• Advisory Board
		• Qiagen	• Consultant
Stier, Elizabeth	<i>Boston University Medical Center</i>	None	N/A
Strickler, Howard	<i>Albert Einstein College of Medicine</i>	• BD Sciences, Arbor Vita, MTM/Roche, Norchip AS	• These companies providing free testing in a study of molecular methods for cervical cancer screening in HIV+ women.

## Human Papillomavirus Disease (Last Reviewed: March 1, 2016; Last Updated: March 1, 2016)

Member		Financial Disclosure	
		Company	Relationship
Wilkin, Timothy	<i>Weill Cornell Medical College</i>	• Gilead	• Research Support
		• Bristol Myers Squibb	• Research Support
		• GlaxoSmithKline/ViiV	• Research Support
		• Johnson & Johnson	• Spouse is employee and owns stock.

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from March 1, 2104, through March 1, 2016.

## Hepatitis B Virus Infection (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

Member		Financial Disclosure	
		Company	Relationship
Bhattacharya, Debika	<i>University of California, Los Angeles</i>	• International Antiviral Society – USA	• Honoraria
		• Vertex	• Research Support
Jain, Mamta	<i>University of Texas Southwestern Medical Center</i>	• AbbVie	• Advisory Board, Research Support
		• Actelion	• Research Support
		• Boehringer Ingelheim	• Advisory Board, Research Support
		• Gilead Sciences	• Advisory Board, Research Support, Speaker's Bureau
		• GlaskoSmithKline	• Research Support
		• Theratechnologies	• Research Support
		• Viiv	• Research Support
Nunez, Marina	<i>Wake Forest University Health Sciences</i>	• Bristol Myers Squibb	• Consultant
		• Gilead	• Advisory Board
Peters, Marion*	<i>University of California, San Francisco</i>	• Biotron	• Advisory Board
		• Genentech	• Other
		• GReD	• Spouse has relationship
		• International Antiviral Society (IAS-USA)	• Advisory Board
		• Johnson and Johnson	• Honoraria
Thio, Chloe	<i>Johns Hopkins University</i>	None	• N/A

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from September 1, 2012, through September 1, 2014.

## Hepatitis C Virus Infection (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

Member		Financial Disclosure	
		Company	Relationship
Bansal, Nina	<i>Mount Sinai Hospital</i>	None	N/A
Kim, Arthur	<i>Harvard Medical School</i>	• Abbvie Pharmaceuticals	• Advisory Board, Consultant, Research Support
		• Bristol-Myers Squibb	• Advisory Board, Consultant
		• Gilead	• Consultant, Research Support
Kim, Nina	<i>University of Washington</i>	None	N/A
Naggie, Susanna	<i>Duke University</i>	• Abbvie	• Advisory Board, Research Support
		• Achillion	• Consultant, Research Support
		• BMS	• Advisory Board, Research Support
		• Gilead Sciences	• Advisory Board, Research Support
		• Janssen	• Research Support
		• Merck	• Advisory Board, Research Support
		• Vertex Pharmaceuticals	• Research Support
Sulkowski, Mark*	<i>Johns Hopkins University</i>	• AbbVie	• Advisory Board, Research Support
		• Bristol-Myers Squibb	• Advisory Board, Research Support
		• Gilead	• Advisory Board, Research Support
		• Janssen	• Advisory Board, Research Support
		• Merck	• Advisory Board, Research Support
Wyles, David	<i>University of California, San Diego</i>	• AbbVie	• Consultant, Research Support
		• Bristol-Myers Squibb	• Consultant, Research Support
		• Gilead	• Consultant, Research Support
		• Janssen Pharmaceuticals	• Advisory Board
		• Merck	• Consultant, Research Support
		• Tacere	• Research Support
		• Vertex	• Research Support

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the reviewed date. The period of reporting was from September 1, 2012, through September 1, 2014.

**Progressive Multifocal Leukoencephalopathy (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014) (page 1 of 2)**

Member		Financial Disclosure	
		Company	Relationship
Cinque, Paola	<i>San Raffaele Scientific Institute, Milan, Italy</i>	• Abbott	• Advisory Board, Speaker's Bureau
		• AbbVie	• Advisory Board, Speaker's Bureau
		• Biogen	• Advisory Board, Consultant, Research Support
		• Boehringer Ingelheim	• Advisory Board, Speaker's Bureau
		• Bristol-Myers Squibb	• Speaker's Bureau
		• Gilead	• Speaker's Bureau
		• Janssen-Cilag	• Advisory Board, Speaker's Bureau
		• Johnson & Johnson	• Consultant
		• Merck	• Speaker's Bureau
		• Millenium Pharmaceuticals	• Consultant
		• Pfizer	• Consultant, DSMB Member
• ViiV Healthcare	• Advisory Board		
Clifford, David*	<i>Washington University School of Medicine</i>	• Amgen	• Consultant
		• Biogen	• Consultant, Honoraria
		• Bristol-Myers Squibb	• Advisory Board, Consultant
		• Drinker Biddle, Reath LLC	• Advisory Board
		• Genentech	• Advisory Board, DSMB Member
		• Genzyme	• DSMB Member
		• GlaxoSmithKline	• Honoraria
		• Merck Serono	• DSMB Member
		• Millennium	• Consultant, DSMB Member, Honoraria
		• Novartis	• Consultant, Research Support
• Pfizer	• Consultant, DSMB Member		
Marra, Christina	<i>Washington University School of Medicine</i>	None	N/A

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from September 1, 2012, through September 1, 2014.

**Progressive Multifocal Leukoencephalopathy/JC Virus Infection (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014) (page 2 of 2)**

Member		Financial Disclosure	
		Company	Relationship
Miro, Jose M.	<i>Hospital Clinic-IDIBAPS, University of Barcelona, Barcelona, Spain</i>	• Abbvie	• Consultant, Honoraria, Speaker's Bureau
		• Astellas	• Consultant
		• Bristol-Myers Squibb	• Consultant, Honoraria, Research Support, Speaker's Bureau
		• Cubist	• Advisory Board, Consultant, Honoraria, Research Support, Speaker's Bureau
		• Fundacion Maximo Soriano Jimenez, Barcelona, Spain	• Research Support
		• Gilead	• Consultant, Honoraria, Speaker's Bureau
		• GlaxoSmithKline	• Honoraria, Speaker's Bureau
		• Instituto de Salud Carlos III, Spanish Ministry of Health, Madrid, Spain	• Research Support
		• Janssen-Cilag	• Speaker's Bureau
		• Merck	• Consultant, Speaker's Bureau
		• NIH	• Research Support
		• Novartis	• Advisory Board, Consultant, Honoraria, Research Support, Speaker's Bureau
		• Pfizer	• Consultant, Speaker's Bureau
• ViiV Healthcare	• Honoraria, Research Support, Speaker's Bureau		
Nath, Avi	<i>National Institutes of Health</i>	None	N/A
Weber, Thomas	<i>Marienkrankehaus Hamburg</i>	• Bayer	• Honoraria, Travel Support
		• Biogen Idec	• Advisory Board, Consultant, Honoraria, Research Support
		• Genzyme	• Honoraria
		• Merck	• Honoraria, Travel Support
		• Novartis	• Honoraria

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from September 1, 2012, through September 1, 2014.

## Geographic (Last Reviewed: August 1, 2014; Last Updated: August 1, 2014)

Member		Financial Disclosure	
		Company	Relationship
Boggild, Andrea	<i>University of Toronto Department of Medicine</i>	None	N/A
Dhanireddy, Shireesha*	<i>University of Washington School of Medicine</i>	None	N/A
Herwaldt, Barbara	<i>Centers for Disease Control and Prevention</i>	None	N/A
Kantipong, Pacharee	<i>Chiangrai Regional Hospital, Thailand</i>	None	N/A
Lynch, John	<i>University of Washington School of Medicine</i>	None	N/A
Montgomery, Susan	<i>Centers for Disease Control and Prevention</i>	None	N/A
Supparatpinyo, Khuanchai	<i>Chiang Mai University, Thailand</i>	None	N/A

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from August 1, 2012, through August 1, 2014.

## Pharmacology (Last Reviewed: November 1, 2016; Last Updated: November 1, 2016)

Member		Financial Disclosure	
		Company	Relationship
Dooley, Kelly	<i>Johns Hopkins University School of Medicine</i>	• Viiv Healthcare	• Research Support
George, Jomy	<i>National Institutes of Health</i>	None	N/A
Kuriakose, Safia	<i>National Institutes of Health</i>	None	N/A
Pau, Alice*	<i>National Institutes of Health</i>	None	N/A
Peloquin, Charles	<i>University of Florida</i>	• Astra Zeneca	• Research Support
		• Jacobus Pharmaceuticals	• Research Support
		• Otsuka	• Advisory Board
Pham, Paul	<i>Westview Urgent Care</i>	None	N/A

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from November 1, 2014, through November 1, 2016.



**Pregnancy (Last Reviewed: March 1, 2016; Last Updated: March 1, 2016)**

Member		Financial Disclosure	
		Company	Relationship
Anderson, Jean	<i>Johns Hopkins University</i>	• Gilead	• Scientific Advisory Board
Cohan, Deborah	<i>University of California San Francisco</i>	None	N/A
Hughes, Brenna	<i>Women &amp; Infants Hospital of Rhode Island</i>	None	N/A
Watts, Heather*	<i>Office of the Global AIDS Coordinator</i>	None	N/A
Wright, Rodney	<i>Albert Einstein College of Medicine</i>	None	N/A

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from March 1, 2014, through March 1, 2016.

## Immunizations (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

Member		Financial Disclosure	
		Company	Relationship
Kim, David*	<i>Centers for Disease Control and Prevention</i>	None	N/A
Peters, Philip	<i>Centers for Disease Control and Prevention</i>	None	N/A

\* Group lead

**Note:** Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from September 1, 2012, through September 1, 2014.