American Thoracic Society - Disclosure Summary for CME Learners
ATS 2019 International Conference - Dallas, TX - May 17-22

Section 1: Session Faculty who Reported Commercial Interests
Initial Report - May 17, 2019

Abman, Steven

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Shire Pharmaceuticals
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
United Therapeutics
Research support

Akuthota, Praveen

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
WebMD
Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Projects In Knowledge
Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Advance Medical
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
UpToDate, Inc.
Royalties, licensing fees, or other sales proceeds

Allen, Gilman

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Wolters Kluwer
Royalties, licensing fees, or other sales proceeds

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
UpToDate, Inc.
Royalties, licensing fees, or other sales proceeds
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Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Olympus
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boston Scientific
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Cook
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Biodesix, Inc.
Speaker/faculty for non-CME activity

Au, David

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Novartis Pharmaceuticals
Data and Safety Monitoring Board

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Gilead Sciences, Inc
Consultant

Austin, Eric

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Acceleron Pharma
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
United Therapeutics
Advisory committee

Balter, Meyer

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Amgen
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sanofi Genzyme
Advisory committee
Balter, Meyer

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- AstraZeneca
  Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Boehringer Ingelheim
  Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Novartis Pharmaceuticals
  Speaker/faculty for non-CME activity

Barnes-Daly, Mary Ann

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Cheetah Medical
  Speaker/faculty for non-CME activity

Baron, Rebecca

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Pfizer, Inc.
  Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Merck, Inc.
  Consultant

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- Proctor and Gamble
  Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- St. Jude
  Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Nanostring
  Consultant

Basavaraj, Ashwin

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Insmed, Inc
  Consultant

Bates, Jason

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- OscillaVent, Inc.
  Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Healthy Design LLC
  Employee
Beasley, Richard

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genentech
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Theravance Biopharma
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Fisher and Paykel Healthcare
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pieris Pharmaceuticals
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Zealand Health Manufacturing
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Hikurangi Enterprises
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Helius
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Whaka Ora
Research support

Bernard, Gordon

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Cumberland Pharmaceuticals, Inc
Advisory committee

Bhatt, Surya

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sunovion Pharmaceutical
Consultant
Bhattacharya, Jahar

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Unity Biotech
Research support

Bhorade, Sangeeta

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genentech
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Speaker/faculty for non-CME activity

Blackwell, Timothy

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Celgene
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genentech
Research support

Bleck, Thomas

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Ceribell Corporation
Consultant

Borg, Brigitte

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Wiley-Blackwell Publishing
Royalties, licensing fees, or other sales proceeds

Borok, Zea

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
NuMedii
Consultant

Boucher, Richard

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Parion Sciences
Board of Directors
Bowling, Mark

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Medtronic
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Biodesix, Inc.
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Veracyte, Inc
Consultant

Bradley, Douglas

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Philips Respironics
Research support

Brightling, Christopher

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Consultant
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
MedImmune
Research support
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Research support
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genentech
Consultant
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Novartis Pharmaceuticals
Research support
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Chiesi
Research support
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sanofi
Consultant
Brightling, Christopher

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Regeneron
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Mologic
Research support
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
4DPharma
Consultant
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GossamerBio
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Covance
Research support

Brittain, Evan

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Advisory committee

Brochard, Laurent

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Medtronic Covidien
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Fisher and Paykel Healthcare
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Philips, Inc.
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sentec
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Air Liquide
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
General Electric
Research support
Brodie, Daniel

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

ALung Technologies
Research support

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

Baxter Healthcare
Advisory committee

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

BREETHE
Advisory committee

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

Bredovent
Advisory committee

Brower, Roy

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

Applied Clinical Intelligence
Consultant

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

Theravance Biopharma
Advisory committee

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

Allergan
Data and Safety Monitoring Board

Brown, Kevin

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

Boehringer Ingelheim
Advisory committee

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

Biogen Idec
Data and Safety Monitoring Board

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

MedImmune
Advisory committee

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

Galecto
Advisory committee

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

Galapagos
Advisory committee
Brown, Kevin

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genoa
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Prometic
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Third Pole
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Theravance Biopharma
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Veracyte, Inc
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Three Lakes Partners
Consultant

Brummel, Nathan

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Arjo
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Merck, Inc.
Advisory committee

Buchman, Timothy

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Philips, Inc.
Speaker/faculty for non-CME activity

Calfee, Carolyn

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Research support
Calfee, Carolyn

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- CSL Behring
  Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Prometic
  Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Roche Genentech
  Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Roche Genentech
  Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Quark
  Consultant

Califf, Robert

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Verily Life Sciences/Alphabet
  Employee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Cytokinetics
  Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- AstraZeneca
  Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Eli Lilly
  Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Merck, Inc.
  Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Sanofi
  Consultant

Campbell, Andrew

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Global Therapeutics
  Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Global Therapeutics
  Speaker/faculty for non-CME activity
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Carson, Shannon

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Biomarck Pharmaceuticals
Research support

Casaburi, Richard

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Research support
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Speaker/faculty for non-CME activity
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Research support
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Consultant
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Astellas Pharma
Consultant
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Research support
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Speaker/faculty for non-CME activity
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Regeneron
Consultant

Celedon, Juan

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Merck, Inc.
Research support
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Research support
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pharmavite
Research support
Celli, Bartolome

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sanofi Aventis
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Menarini
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Chiesi
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pulmonx
Consultant

Chambers, Rachel

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Research support

Chan, Stephen

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Numa
Ownership or investment interests (includes stock)

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Numa (Spouse/Life Partner)
Ownership or investment interests (includes stock)

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Actelion Pharmaceuticals
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pfizer, Inc.
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Zogenix
Consultant
Chan, Stephen

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Aerpio
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
United Therapeutics
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Vivus
Consultant

Channick, Richard

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Actelion Pharmaceuticals
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Arena Pharmaceuticals
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Consultant

Chin, Kelly

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Actelion Pharmaceuticals
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Arena Pharmaceuticals
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Ironwood Pharmaceuticals
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sonivie
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Advisory committee

Cho, Josalyn

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Optum Epidemiology (Spouse/Life Partner)
Consultant
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Collard, Harold

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Roche Genentech
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
aTyr
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Advance Medical
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
MedImmune
Consultant

Corte, Tamera

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Roche Genentech
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Roche Genentech
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Expert testimony for this company or its agents

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Gilead Sciences, Inc
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Roche Genentech
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Advisory committee
Corte, Tamera

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Galapagos
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Actelion Pharmaceuticals
Research support

Costa, Deena

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Microsoft (Spouse/Life Partner)
Employee

Cottin, Vincent

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Roche Genentech
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Roche Genentech
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Gilead Sciences, Inc
Data and Safety Monitoring Board

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Galapagos
Data and Safety Monitoring Board

Cox, Narelle

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Speaker/faculty for non-CME activity

Crouser, Elliott

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Beckman Coulter, Inc
Consultant
Crouser, Elliott

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bristol-Myers Squibb
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Beckman Coulter, Inc
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Atyra Pharma
Consultant

Cummings, K

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Various plaintiff law firms suing cigarette manufacturers
Expert testimony for this company or its agents

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pfizer, Inc.
Advisory committee

Czeisler, Charles

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Cephalon Inc
Research support
Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Jazz Pharmaceuticals Plc. Inc
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bose Corporation
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boston Red Sox
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Casper Sleep Inc.
Expert testimony for this company or its agents

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Columbia River Bar Pilots
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Comair/Delta Airlines
Expert testimony for this company or its agents

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Complete General Construction Company
Expert testimony for this company or its agents
Czeisler, Charles

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Digital Media and Child Development
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
FedEx
Expert testimony for this company or its agents

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Ganéso Inc
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Greyhound
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
HG Energy LLC
Expert testimony for this company or its agents

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Houghton Mifflin Harcourt/Penguin
Royalties, licensing fees, or other sales proceeds

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
McGraw Hill
Royalties, licensing fees, or other sales proceeds

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
New England Journal of Medicine
Royalties, licensing fees, or other sales proceeds

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Optum
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Philips Respironics Inc
Royalties, licensing fees, or other sales proceeds
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Purdue Pharma, LP
Expert testimony for this company or its agents

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Quest Diagnostics Inc
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Regeneron Pharmaceuticals
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
ResMed Foundation
Research support
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Samsung Electronics
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
San Francisco Bar Pilots
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sanofi S. A.
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sanofi-Aventis Inc
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Schneider Inc.
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sepracor Inc
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
South Carolina Central Railroad Co
Expert testimony for this company or its agents

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Steel Warehouse Inc.
Expert testimony for this company or its agents

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Stric-Lan Companies LLC
Expert testimony for this company or its agents

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sysco Corp
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Takeda Pharmaceuticals Co. Ltd.
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Teva Pharma Australia
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Teva Pharmaceuticals Industries Ltd
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Texas Premier Resource LLC
Expert testimony for this company or its agents
Czeisler, Charles

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- **United Parcel Service (UPS)**
  - Expert testimony for this company or its agents

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- **Vanda Pharmaceuticals Inc**
  - Ownership or investment interests (includes stock)
  - Consultant

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- **Wake Up Narcolepsy**
  - Research support

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- **Washington State Board of Pilotage Commissioners**
  - Consultant

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- **Zurich Insurance Company Ltd.**
  - Speaker/faculty for non-CME activity

Daley, Charles

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- **Insmed, Inc**
  - Advisory committee

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- **Insmed, Inc**
  - Research support

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- **Johnson & Johnson**
  - Advisory committee

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- **Paratek pharmaceuticals**
  - Advisory committee

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- **Horizon**
  - Advisory committee

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- **Spero**
  - Advisory committee

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- **Otsuka**
  - Advisory committee

Dalton, Heidi

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- **Innovative ECMO Concepts, Inc**
  - Consultant
D'Amico, Thomas

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Scanlan Instruments
Consultant

Dasenbrook, Elliott

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Gilead Sciences, Inc
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Gilead Sciences, Inc
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Vertex Pharmaceuticals, Inc.
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Vertex Pharmaceuticals, Inc.
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Insmed, Inc
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Insmed, Inc
Speaker/faculty for non-CME activity

Davis, Stephanie

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Vertex Pharmaceuticals, Inc.
Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Vertex Pharmaceuticals/Parion Sciences
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Circassia Pharmaceuticals
Research support

Dean, Nathan

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Contrafect
Data and Safety Monitoring Board

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Theravance Biopharma
Data and Safety Monitoring Board
Deberardinis, Ralph

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Agios Pharmaceuticals
Advisory committee

Dell, Sharon

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Parion Sciences
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Novartis Pharmaceuticals
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Vertex Pharmaceuticals, Inc.
Advisory committee

Denlinger, Loren

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sanofi-Regeneron
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Advisory committee

Dockrell, David

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
ViiV
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Novartis Pharmaceuticals
Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
MRC
Research support

Donaldson, Gavin

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Other transfers of value
Donaldson, Gavin

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Research support

Douglas, Ivor

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Cheetah Medical
Research support

Dres, Martin

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
LungPacer.inc
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pulsion Medical System
Other transfers of value

Drummond, M.

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
NovaVax
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Parion Sciences
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Mylan
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Karger Publishing
Royalties, licensing fees, or other sales proceeds
Drummond, M.

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Respironics, Inc, a Philips Company
Other transfers of value

Edwards, Bradley

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Oventus
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Apnimed
Research support

El-Kersh, Karim

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
United Therapeutics
Consultant
Speaker/faculty for non-CME activity

Esther, Charles

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Parion Sciences
Research support

Evans, Scott

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pulmotect, Inc
Other transfers of value

Ewart, Gary

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Ownership or investment interests (includes stock)

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pfizer, Inc.
Ownership or investment interests (includes stock)

Fahy, John

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GossamerBio
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Arrowhead
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sanofi-Regeneron
Consultant
Fan, Eddy

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- MC3 Cardiopulmonary
  - Consultant

Farber, Harrison

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- Actelion Pharmaceuticals
  - Advisory committee
- Actelion Pharmaceuticals
  - Speaker/faculty for non-CME activity
- Bayer, Inc.
  - Speaker/faculty for non-CME activity
- Gilead Sciences, Inc
  - Advisory committee
- Bellerophon
  - Advisory committee
- Arena Pharmaceuticals
  - Advisory committee
- United Therapeutics
  - Advisory committee
- Boehringer Ingelheim
  - Advisory committee

Feldman, Charles

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- Pfizer, Inc.
  - Speaker/faculty for non-CME activity
- Pfizer, Inc.
  - Advisory committee
- Companies manufacturing/marketing macrolide antibiotics
  - Speaker/faculty for non-CME activity
**Feller-Kopman, David**

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Veran Medical
  Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Veracyte, Inc
  Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- AstraZeneca
  Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Nuvaira, Inc.
  Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Uptake Medical
  Data and Safety Monitoring Board

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- CSA Medical
  Data and Safety Monitoring Board

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- BD
  Research support

**Fischer, Aryeh**

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Boehringer Ingelheim
  Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- F Hoffmann La Roche
  Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Bristol-Myers Squibb
  Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Pfizer, Inc.
  Consultant

**Flaherty, Kevin**

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Boehringer Ingelheim
  Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Roche Genentech
  Consultant
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<tr>
<th>Name</th>
<th>Commercial Interest and Type(s) of Relationship with that Commercial Interest</th>
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<tbody>
<tr>
<td>Flaherty, Kevin</td>
<td>Veracyte, Inc</td>
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<td>Consultant</td>
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<td>Floras, John</td>
<td>Philips Respironics</td>
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<td>Research support</td>
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<td>Floto, Andres</td>
<td>GlaxoSmithKline</td>
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<td>Research support</td>
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<td>Vertex Pharmaceuticals, Inc.</td>
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<td></td>
<td>Other transfers of value</td>
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<td>Vertex Pharmaceuticals, Inc.</td>
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<td>Research support</td>
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<td>Chiesi</td>
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<td>Research support</td>
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<td>George, Maureen</td>
<td>Teva Pharmaceuticals</td>
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<td>Consultant</td>
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<td></td>
<td>AstraZeneca</td>
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<td>Consultant</td>
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<td>Gerber, Anthony</td>
<td>Revon/Ethera Technologies</td>
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<td>Consultant</td>
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<td>Boehringer Ingelheim</td>
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<td>Consultant</td>
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<td>Gern, James</td>
<td>Ena Therapeutics</td>
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<td>Consultant</td>
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<td>Meissa Vaccine</td>
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<td></td>
<td>Consultant</td>
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Gern, James

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
MedImmune
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
PREP BioPharma
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Regeneron
Consultant

Gladwin, Mark

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Globin Solutions, Inc.
Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Globin Solutions, Inc.
Intellectual property unsold (e.g. patent)

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Medmaster Inc
Royalties, licensing fees, or other sales proceeds

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Epizyme
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Actelion Pharmaceuticals
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Acceleron Pharma
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Catalyst Biosciences
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sujana Biotech
Consultant
Goldstein, Cathy

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
UpToDate, Inc.
Royalties, licensing fees, or other sales proceeds

Goldstein, Jeffrey

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Novartis Pharmaceuticals (Spouse/Life Partner)
Employee

Goligher, Ewan

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Getinge
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
General Electric
Research support

Gompelmann, Daniela

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pulmonx
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Uptake Medical
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Novartis Pharmaceuticals
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Chiesi
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Berlin Chemie
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Olympus
Speaker/faculty for non-CME activity
Gonzalez, Anne
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Speaker/faculty for non-CME activity
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Novartis Pharmaceuticals
Speaker/faculty for non-CME activity

Goodwin, Andrew
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Welch Allyn
Consultant

Gorden, Jed
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Speaker/faculty for non-CME activity
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Biodesix, Inc.
Advisory committee
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Nuvaira, Inc.
Data and Safety Monitoring Board
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Medtronic
Speaker/faculty for non-CME activity

Gozal, David
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Serenium (Spouse/Life Partner)
Consultant

Griffith, David
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Insmed, Inc
Consultant
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Insmed, Inc
Advisory committee
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Insmed, Inc
Research support

Groshong, Steve
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Veracyte, Inc
Consultant
Gupta, Rohit

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
MNK
Advisory committee

Gutierrez, Cristina

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Altria Group (Spouse/Life Partner)
Other transfers of value

Han, MeiLan

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sunovion Pharmaceutical
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Novartis Pharmaceuticals
Research support

Hansbro, Philip

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Gliknik
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genentech
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Inflazome
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pharmaxis
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Aus-bio
Research support
Hansbro, Philip

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Aus-bio
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Allakos
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pharmakea
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
MedImmune
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Teva Pharmaceuticals
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Roche Genentech
Consultant

Hansel, Nadia

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Mylan
Advisory committee

Hariri, Lida

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Biogen Idec
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pliant Therapeutics Inc
Consultant
Hariri, Lida

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Indalo Therapeutics
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
LX Medical
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
LX Medical
Royalties, licensing fees, or other sales proceeds

Hegewald, Matthew

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Janssen
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Consultant

Hemnes, Anna

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Actelion Pharmaceuticals
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Complexa
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
United Therapeutics
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
CMREF
Research support
Heresi, Gustavo

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Arena Pharmaceuticals
Advisory committee

Hersh, Craig

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Novartis Pharmaceuticals
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
23andMe
Consultant

Herzog, Erica

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Merck, Inc.
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genentech
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sanofi
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bristol-Myers Squibb
Research support
Herzog, Erica

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Biogen Idec
Research support

Hetzel, Juergen

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
ERBE Eletromedizin GmbH Tuebingen Germany
Other transfers of value

Highland, Kristin

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Actelion Pharmaceuticals
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Gilead Sciences, Inc
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Eiger Pharmaceuticals
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genentech
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Reata
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
United Therapeutics
Speaker/faculty for non-CME activity

Hill, Nicholas

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Actelion Pharmaceuticals
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Consultant
Hill, Nicholas

- **Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
  - Actelion Pharmaceuticals
    - Research support
  - Bayer, Inc.
    - Research support
  - Genentech
    - Speaker/faculty for non-CME activity
  - Sanofi
    - Speaker/faculty for non-CME activity
  - Gilead Sciences, Inc
    - Research support
  - Reata
    - Research support
  - Philips Respironics
    - Consultant
  - Fisher and Paykel Healthcare
    - Consultant
    - Advisory committee
  - Fisher and Paykel Healthcare
    - Research support
  - New Aera
    - Consultant
  - United Therapeutics
    - Advisory committee
    - Research support
Hoch, Heather

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Propeller Health
Research support

Hoffman, Eric

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
VIDA Diagnostics
Other transfers of value

Hogarth, Douglas

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Auris
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Body Vision
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Eolo
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Ambu
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Biodesix, Inc.
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boston Scientific
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Gala Therapeutics
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Heritage Biologics
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Level-Ex
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Medtronic
Consultant
Hogarth, Douglas

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Oncocyte
  Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Veracyte, Inc
  Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- AstraZeneca
  Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Boehringer Ingelheim
  Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Genentech
  Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Grifols
  Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Shire Pharmaceuticals
  Research support

Holland, Anne

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Air Liquide
  Research support

Holt, Michael

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Insmed, Inc
  Research support

Horowitz, Jeffrey

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Boehringer Ingelheim
  Research support

Huie, Tristan

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Boehringer Ingelheim
  Research support
Huie, Tristan

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Promedior
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
France Foundation
Institutional/personal (not employee or spouse)

Humbert, Marc

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Actelion Pharmaceuticals
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
United Therapeutics
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Johnson & Johnson
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Merck, Inc.
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
MSD
Consultant

Huston, John

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Amarin
Ownership or investment interests (includes stock)

Imler, Jean-Luc

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Infinitus Ltd (China)
Consultant
Itkin, Maxim

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Guerbet
Speaker/faculty for non-CME activity

Jain, Sanjay

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Mediso
Consultant

Janes, Sam

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GRAIL
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
BARD1 lifescience
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Owlstone
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca (Spouse/Life Partner)
Employee

Janssen-Heininger, Yvonne

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Celdara Medical LLC
Consultant

Javaheri, Shahrokh

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Respicardia
Consultant

Jimenez, David

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Daiichi Sankyo
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bristol-Myers Squibb
Consultant
Jimenez, David

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sanofi
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pfizer, Inc.
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Leo Pharma
Consultant

Jones, Heather

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
4Dx
Intellectual property unsold (e.g. patent)

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
4Dx
Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
4Dx
Other transfers of value

Kaczka, David

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
OscillaVent, Inc.
Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
OscillaVent, Inc.
Employee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
OscillaVent, Inc.
Intellectual property unsold (e.g. patent)

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Monitor Mask, Inc.
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
ZOLL Medical Corporation
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
OscillaVent, Inc. (Spouse/Life Partner)
Employee
Kaminski, Naftali

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Biogen Idec
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pliant Therapeutics Inc
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
MMI
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Indaloo
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
NuMedii
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Samumed
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Lifemax
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Lifemax
Royalties, licensing fees, or other sales proceeds

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Third Rock
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
miRagen
Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Advisory committee

Kaminsky, David

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
MGC, Inc.
Speaker/faculty for non-CME activity
Kaminsky, David

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Spiration, Inc.
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Acorda, Inc.
Data and Safety Monitoring Board

Kanne, Jeffrey

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Parexel International
Consultant

Kasperbauer, Shannon

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Insmed, Inc
Advisory committee

Kattan, Meyer

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Regeneron
Advisory committee

Keane, Joseph

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Other transfers of value

Keszler, Martin

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Draeger Medical Inc.
Research support
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Draeger Medical Inc.
Speaker/faculty for non-CME activity
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Mallinckrodt Pharmaceuticals, Inc.
Research support
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Chiesi
Data and Safety Monitoring Board

Kho, Michelle

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Restorative Therapies
Other transfers of value
Kiely, David

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- Actelion Pharmaceuticals
  - Speaker/faculty for non-CME activity

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- Bayer, Inc.
  - Speaker/faculty for non-CME activity

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- GlaxoSmithKline
  - Advisory committee

Klinger, James

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- United Therapeutics
  - Research support

Klings, Elizabeth

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- Pfizer, Inc.
  - Consultant

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- Bayer, Inc.
  - Research support

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- Reata
  - Research support

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- UpToDate, Inc.
  - Royalties, licensing fees, or other sales proceeds

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- Incyte
  - Research support

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- Actelion Pharmaceuticals
  - Research support

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- Arena Pharmaceuticals
  - Research support

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
- Micelle
  - Data and Safety Monitoring Board
Koppelman, Gerard

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Vertex Pharmaceuticals, Inc.
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Teva the Netherlands
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Advisory committee

Kovacs, Gabor

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Actelion Pharmaceuticals
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
MSD
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AOP
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Novartis Pharmaceuticals
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Chiesi
Speaker/faculty for non-CME activity

Krishnan, Jerry

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sanofi
Data and Safety Monitoring Board
Krishnan, Jerry
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Philips, Inc.
Speaker/faculty for non-CME activity

Krishnan, Ramaswamy
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Live Cell Technologies LLC
Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Instatin Inc
Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Scireq Inc
Consultant

Kropski, Jonathan
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genentech
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Veracyte, Inc
Research support

Kruser, Jacqueline
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca (Spouse/Life Partner)
Speaker/faculty for non-CME activity

Kunisaki, Ken
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Nuvaira, Inc.
Consultant

Lahm, Tim
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Gilead Sciences, Inc
Consultant
Lahm, Tim

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Actelion Pharmaceuticals
Consultant

Lang, Irene

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Actelion Pharmaceuticals
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AOOrphan Pharma
Research support

Lavoie, Kim

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Astellas Pharma
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Novartis Pharmaceuticals
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Janssen
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Abbvie Technologies
Consultant

Lederer, David

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Galecto
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Roche Genentech
Consultant
Lederer, David

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Global Blood Therapeutics
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
FibroGen
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Galapagos
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Veracyte, Inc
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sanofi Genzyme
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Philips Respironics
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Advisory committee

Lee, Joyce

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genentech
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Celgene
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Galapagos
Advisory committee

Lee, Y

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Rocket Med Plc
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Rocket Med Plc
Research support
Lee, Y

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
BD/CareFusion
Advisory committee

Levy, Bruce

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Entrinsic Health
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Nocion Therapeutics
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Propeller Health
Royalties, licensing fees, or other sales proceeds

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Corbus Pharmaceuticals
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GossamerBio
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Merck, Inc.
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Metera Pharmaceuticals
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pieris Pharmaceuticals
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sanofi
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Teva Pharmaceuticals
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Samsung Research America
Research support
Levy, Bruce
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Ankner & Levy (Spouse/Life Partner)
Employee

Lewinsohn, David
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
ViTi Inc
Intellectual property unsold (e.g. patent)

Liu, Vincent
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
The Permanente Medical Group
Employee

Lorenzi-Filho, Geraldo
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Biologix
Advisory committee

Lugogo, Njira
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Advisory committee
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Advisory committee
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sanofi-Regeneron
Advisory committee
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Teva Pharmaceuticals
Consultant

Luks, Andrew
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Taylor & Francis
Royalties, licensing fees, or other sales proceeds
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Springer Publishing
Royalties, licensing fees, or other sales proceeds
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Wolters Kluwer
Royalties, licensing fees, or other sales proceeds
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Merck, Inc.
Royalties, licensing fees, or other sales proceeds
MacIntyre, Neil

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Breathe Technologies
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Ventec
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Inspirx
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Medtronic
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Alana
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Teleflex
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pulmonx
Data and Safety Monitoring Board

Magin, Chelsea

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sharklet Technologies, Inc
Consultant

Maher, Toby

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Roche Genentech
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Advisory committee

Mahler, Donald

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Advisory committee
<table>
<thead>
<tr>
<th>Name</th>
<th>Commercial Interest/Type(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Donald Mahler</td>
<td>GlaxoSmithKline: Advisory committee</td>
</tr>
<tr>
<td>Fabien Maldonado</td>
<td>Boston Scientific: Consultant</td>
</tr>
<tr>
<td></td>
<td>Medtronic: Consultant</td>
</tr>
<tr>
<td></td>
<td>Erbe: Research support</td>
</tr>
<tr>
<td></td>
<td>UpToDate, Inc.: Royalties, licensing fees, or other sales proceeds</td>
</tr>
<tr>
<td>Atul Malhotra</td>
<td>ResMed: Other transfers of value</td>
</tr>
<tr>
<td>Francois Maltais</td>
<td>GlaxoSmithKline: Research support</td>
</tr>
<tr>
<td></td>
<td>Boehringer Ingelheim: Research support</td>
</tr>
<tr>
<td></td>
<td>AstraZeneca: Research support</td>
</tr>
<tr>
<td></td>
<td>Sanofi: Research support</td>
</tr>
<tr>
<td></td>
<td>Grifols: Research support</td>
</tr>
<tr>
<td></td>
<td>Novartis Pharmaceuticals: Research support</td>
</tr>
</tbody>
</table>
Maltais, Francois

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Novartis Pharmaceuticals
Speaker/faculty for non-CME activity

Man, William

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Novartis Pharmaceuticals
Institutional/personal (not employee or spouse)

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pfizer, Inc.
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Jazz Pharmaceuticals
Advisory committee

Martin, Camilia

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Fresenius Kabi
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Alcresta
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Abbott Nutrition
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Prolacta
Advisory committee

Martinez, Fernando D.

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Commense, Inc.
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Johnson & Johnson
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
OM Pharma
Research support
Martinez, Fernando J.

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Proterrix Bio
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bridge Biotherapeutics
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Chiesi
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genentech
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genentech
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genentech
Data and Safety Monitoring Board

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Data and Safety Monitoring Board

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Consultant
Martinez, Fernando J.

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest

GlaxoSmithKline
Consultant

Nitto
Research support

Patara/Respivent
Research support

Promedior
Research support

Prometic
Research support

Sunovion Pharmaceutical
Consultant

Sunovion Pharmaceutical
Consultant

Biogen Idec
Research support

Teva Pharmaceuticals
Consultant

Veracyte, Inc
Research support

Verona
Research support

Zambon
Research support

Matthay, Michael

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest

Bayer, Inc.
Research support
Matthay, Michael

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
CSL Behring
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Cerus Therapeutics
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Research support

McColley, Susanna

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Vertex Pharmaceuticals, Inc.
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Vertex Pharmaceuticals, Inc.
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Gilead Sciences, Inc
Consultant

McCormack, Meredith

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Actelion Pharmaceuticals (Spouse/Life Partner)
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Arena Pharmaceuticals (Spouse/Life Partner)
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
United Therapeutics (Spouse/Life Partner)
Data and Safety Monitoring Board

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
United Therapeutics (Spouse/Life Partner)
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
UpToDate, Inc.
Other transfers of value
<table>
<thead>
<tr>
<th><strong>Medoff, Benjamin</strong></th>
</tr>
</thead>
<tbody>
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Consultant

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Roche Genentech
Advisory committee

Morrison, Lake
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Boehringer Ingelheim
Speaker/faculty for non-CME activity

Mortensen, Eric
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Paratek Pharmaceuticals
Expert testimony for this company or its agents

Moy, Marilyn
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Consultant

Murphy, Patrick
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Philips, Inc.
Research support
Murphy, Patrick

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ResMed
Research support

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Breas
Research support

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Philips, Inc.
Advisory committee

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F&P
Research support

Nambiar, Anoop

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Boehringer Ingelheim
Research support

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Boehringer Ingelheim
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Advisory committee

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Roche Genentech
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Roche Genentech
Advisory committee

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Roche Genentech
Speaker/faculty for non-CME activity

Nathan, Steven

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Boehringer Ingelheim
Advisory committee

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Roche Genentech
Advisory committee

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Galapagos
Data and Safety Monitoring Board
Nathan, Steven

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Promedior
Advisory committee

Needham, Dale

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Reck Medical Devices
Research support

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Baxter Healthcare
Research support

Newcomb, Dawn

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Guidepoint consulting
Consultant

Niederman, Michael

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Paratek pharmaceuticals
Advisory committee

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Nabriva
Advisory committee

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Melinta
Advisory committee

Nikravan, Sara

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Philips, Inc.
Advisory committee

Nyenhuis, Sharmilee

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Sanofi
Advisory committee

O’Donnell, Anne

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Xellia
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Insmed, Inc
Consultant
O'Donnell, Anne

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Consultant

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Parion Sciences
Research support

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Insmed, Inc
Research support

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Zambon
Research support

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Genentech
Advisory committee

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Advisory committee

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Speaker/faculty for non-CME activity

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Boehringer Ingelheim
Speaker/faculty for non-CME activity

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AIT Therapeutics
Research support

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Matinas Biopharma
Research support

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Insmed, Inc
Research support
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Speaker/faculty for non-CME activity

Owens, Robert

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Novartis Pharmaceuticals
Consultant

Panettieri, Reynold

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AstraZeneca
Speaker/faculty for non-CME activity
Research support
Advisory committee

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MedImmune
Speaker/faculty for non-CME activity
Advisory committee
Research support

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Theravance Biopharma
Advisory committee

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Novartis Pharmaceuticals
Advisory committee
Speaker/faculty for non-CME activity

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Boehringer Ingelheim
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sanofi
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genentech
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
RIFM
Advisory committee
Research support

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Oncoarendi
Research support
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AstraZeneca
Advisory committee

Peker, Yuksel
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
BresoTec
Advisory committee
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Philips Respironics
Speaker/faculty for non-CME activity

Petrache, Irina
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Allinaire, Inc.
Consultant

Phillips, Martin
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Advisory committee

Piazza, Gregory
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
BSC (Spouse/Life Partner)
Employee
Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
BTG EKos
Research support
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Janssen
Research support
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Bristol-Myers Squibb
Research support
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Daiichi Sankyo
Research support
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Bayer, Inc.
Research support
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Portola
Research support
Pio, Ruben

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Advanced Marker Discovery
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Advanced Marker Discovery
Intellectual property unsold (e.g. patent)

Piper, Amanda

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
ResMed
Speaker/faculty for non-CME activity

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Philips, Inc.
Speaker/faculty for non-CME activity

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Philips, Inc.
Advisory committee

Press, Valerie

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Roundglass
Consultant

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Novartis Pharmaceuticals
Research support

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SpiroPD
Research support

Preston, Ioana

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Acceleron Pharma
Research support

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Actelion Pharmaceuticals
Research support

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Bayer, Inc.
Research support

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Gilead Sciences, Inc
Research support
**Preston, Ioana**

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  - Research support

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- Pfizer, Inc.
  - Other transfers of value

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  - Advisory committee

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  - Advisory committee

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- Gilead Sciences, Inc
  - Advisory committee

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- United Therapeutics
  - Advisory committee

**Qadir, Nida**

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- Canopy Growth (Spouse/Life Partner)
  - Ownership or investment interests (includes stock)

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- Aphria (Spouse/Life Partner)
  - Ownership or investment interests (includes stock)

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- Auxly (Spouse/Life Partner)
  - Ownership or investment interests (includes stock)

**Raby, Benjamin**

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  - Advisory committee

*Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest*

- Sanofi
  - Advisory committee

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Consultant

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Biogen Idec
Consultant

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Consultant

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Bellerophon
Consultant

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Avalyn
Data and Safety Monitoring Board

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Fibrogen
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Consultant

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Consultant

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Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Promedior
Consultant

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Roche Genentech
Consultant

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Sanofi
Consultant

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RespiVant
Consultant

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Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Advisory committee

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Boehringer Ingelheim
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Fibrogen
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
RespiVant
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Promedior
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Biogen Idec
Advisory committee

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Bristol-Myers Squibb
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pliant Therapeutics Inc
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Celgene
Data and Safety Monitoring Board

Riekert, Kristin

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Gilead Sciences, Inc
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Springer Publishing
Royalties, licensing fees, or other sales proceeds

Rivera, M.

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bioAffinity Technologies
Advisory committee
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<td>Hoffmann-La Roche&lt;br&gt;Advisory committee&lt;br&gt;Hoffmann-La Roche&lt;br&gt;Consultant&lt;br&gt;Boehringer Ingelheim&lt;br&gt;Advisory committee</td>
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Sahay, Sandeep

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Actelion Pharmaceuticals
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Actelion Pharmaceuticals
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
United Therapeutics
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
United Therapeutics
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
BTG (Spouse/Life Partner)
Speaker/faculty for non-CME activity

Sands, Scott

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Cambridge Sound Management
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Nox Medical
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Merck, Inc.
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Inspire
Consultant

Sarmiento, Kathleen

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Jazz Pharmaceuticals
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
ResMed
Research support
Sarwal, Aarti

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
LungPacer, Inc.
Consultant

Savani, Rashmin

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Eravon Therapeutics, Inc.
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Mallinckrodt Pharmaceuticals, Inc.
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Abbott Nutrition
Speaker/faculty for non-CME activity

Sawnani, Hemant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Biomarin Pharmaceutical Inc
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Santhera Pharmaceuticals
Consultant

Scanlon, Paul

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Wolters Kluwer
Royalties, licensing fees, or other sales proceeds

Schnapp, Lynn

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bristol-Myers Squibb
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Ironwood Pharmaceuticals
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Springer Publishing
Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
UpToDate, Inc.
Other transfers of value

Scialla, Timothy

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Research support
Scialla, Timothy

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- GlaxoSmithKline
  Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Sanofi
  Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Zambon
  Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Sanofi
  Research support

Sears, Catherine

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Biodesix, Inc.
  Advisory committee

Seibold, Max

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Genentech
  Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- MedImmune
  Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Reprocell
  Research support

Semler, Matthew

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- KARL STORZ ENDOSCOPY-AMERICA, INC.
  Consultant

Shah, Nirav

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- Boehringer Ingelheim
  Speaker/faculty for non-CME activity

Sharma, Nirmal

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
- ALung Technologies
  Consultant
Sheppard, Dean

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genentech
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pliant Therapeutics Inc
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pliant Therapeutics Inc
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Abbvie Technologies
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pfizer, Inc.
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
ShangPharma
Research support

Silverman, Edwin

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Research support

Simakajornboon, Narong

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Jazz Pharmaceuticals
Research support

Sime, Patricia

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
UCB
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
UCB
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Prometic
Advisory committee
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<td>Sin, Donald</td>
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<td>AstraZeneca Advisory committee</td>
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<td></td>
<td>Boehringer Ingelheim Speaker/faculty for non-CME activity</td>
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<td>Slatore, Christopher</td>
<td>Other transfers of value Optellum</td>
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<td>Smith, Benjamin</td>
<td>Research support AstraZeneca</td>
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<td>Solway, Julian</td>
<td>PulmOne Advanced Medical Devices, Ltd Royalties, licensing fees, or other sales proceeds</td>
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Solway, Julian

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Regeneron/Sanofi-Genzyme
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Research support

Spira, Avrum

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Johnson & Johnson
Employee

Stapleton, Renee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Lyric Pharmaceutical
Data and Safety Monitoring Board

Steiner, Michael

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
The National Institute for Health and Care Excellence
Advisory committee

Stiegler, Marjorie

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Employee

Strek, Mary

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Novartis Pharmaceuticals
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Data and Safety Monitoring Board
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| Strek, Mary | **Boehringer Ingelheim**  
Consultant  
**Boehringer Ingelheim**  
Speaker/faculty for non-CME activity  
**Boehringer Ingelheim**  
Other transfers of value |
| Stringer, William | **AstraZeneca**  
Research support  
**Boehringer Ingelheim**  
Research support  
**Syneos**  
Consultant |
| Sweet, Stuart | **Genentech**  
Research support |
| Swigris, Jeffrey | **Boehringer Ingelheim**  
Consultant  
**Boehringer Ingelheim**  
Research support  
**Boehringer Ingelheim**  
Speaker/faculty for non-CME activity  
**Genentech**  
Advisory committee  
**Genentech**  
Research support |
Swigris, Jeffrey

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genentech
Speaker/faculty for non-CME activity

Szefler, Stanley

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Daiichi Sankyo
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Novartis Pharmaceuticals
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Regeneron
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sanofi
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Teva Pharmaceuticals
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Propeller Health
Advisory committee

Tapson, Victor

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Actelion Pharmaceuticals
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Actelion Pharmaceuticals
Research support
**Tapson, Victor**

*Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest*

- **Arena Pharmaceuticals**
  - Advisory committee

- **BiO2**
  - Research support

- **EKOS/BTG**
  - Research support

- **Inari**
  - Research support

- **Inari**
  - Consultant

- **Janssen**
  - Advisory committee

- **Bristol-Myers Squibb**
  - Research support

- **Reata**
  - Research support

- **United Therapeutics**
  - Advisory committee

- **Daiichi Sankyo**
  - Research support

---

**Taylor-Cousar, Jennifer**

*Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest*

- **Vertex Pharmaceuticals, Inc.**
  - Advisory committee

- **Vertex Pharmaceuticals, Inc.**
  - Consultant

- **Vertex Pharmaceuticals, Inc.**
  - Speaker/faculty for non-CME activity
Taylor-Cousar, Jennifer

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Vertex Pharmaceuticals, Inc.
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Proteostasis
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Proteostasis
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Celtaxys
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Celtaxys
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Celtaxys
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Santhera Pharmaceuticals
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Gilead Sciences, Inc
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Gilead Sciences, Inc
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Protalix
Advisory committee

Teodorescu, Mihaela

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Research support

Thannickal, Victor

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Consultant
Thannickal, Victor

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Kadmon
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Novartis Pharmaceuticals
Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pliant Therapeutics Inc
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Mistral Therapeutics Inc
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Covance
Data and Safety Monitoring Board

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genkyotex
Other transfers of value

Thenappan, Thenappan

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Actelion Pharmaceuticals
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Gilead Sciences, Inc
Advisory committee

Thomson, Rachel

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Insmed, Inc
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Savara
Advisory committee

Tien, Phyllis

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Merck, Inc.
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Theratechnologies
Research support
Tino, Gregory

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bayer, Inc.
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bronchiectasis Research Registry/COPD Foundation
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Grifols
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Aradigm
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Cipla
Advisory committee

Trapnell, Bruce

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Savara
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Kiniksa
Consultant

Valipour, Arschang

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pulmonx
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Uptake Medical
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
PneumRx
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Consultant
**Vanderlaan, Paul**

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest  
Foundation Medicine  
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest  
Gala Therapeutics  
Consultant

**Vasakova, Martina**

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest  
Boehringer Ingelheim  
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest  
Boehringer Ingelheim  
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest  
Roche Genentech  
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest  
Roche Genentech  
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest  
Sanofi  
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest  
Promedior  
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest  
Avalyn  
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest  
Gilead Sciences, Inc  
Consultant

**Vicencio, Alfin**

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest  
Spire Learning  
Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest  
Filament Biosolutions  
Other transfers of value
Vladar, Eszter

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
Oncomed Pharmaceuticals (Spouse/Life Partner)
   Employee

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
Genentech (Spouse/Life Partner)
   Employee

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
Array Biopharma (Spouse/Life Partner)
   Employee

Von Mutius, Erika

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
Boehringer Ingelheim
   Speaker/faculty for non-CME activity

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
Peptinnovate
   Consultant

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
OM Pharma SA
   Advisory committee

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
HAL Allergie GmbH
   Speaker/faculty for non-CME activity

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
Nestlé Deutschland AG
   Speaker/faculty for non-CME activity

Walkey, Allan

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
UpToDate, Inc.
   Royalties, licensing fees, or other sales proceeds

Ware, Mark

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
Canopy Growth
   Employee

Wechsler, Michael

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
AstraZeneca
   Consultant

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**
GlaxoSmithKline
   Consultant
Wechsler, Michael

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sanofi
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Regeneron
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Novartis Pharmaceuticals
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genentech
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Equillium
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Restorbio
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sentien
Data and Safety Monitoring Board

Wedzicha, Jadwiga

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GlaxoSmithKline
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Novartis Pharmaceuticals
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Chiesi
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Johnson & Johnson
Research support
**Wedzicha, Jadwiga**

- Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest: Novartis Pharmaceuticals
  - Other transfers of value
- Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest: Boehringer Ingelheim
  - Other transfers of value
- Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest: AstraZeneca
  - Other transfers of value
- Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest: Cipla
  - Other transfers of value

**Wells, Athol**

- Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest: Boehringer Ingelheim
  - Advisory committee
- Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest: Roche Genentech
  - Advisory committee

**Wenzel, Sally**

- Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest: AstraZeneca
  - Consultant
  - Research support
- Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest: GlaxoSmithKline
  - Research support
- Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest: Novartis Pharmaceuticals
  - Research support
- Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest: Sanofi
  - Consultant
  - Research support
White, Douglas

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
UpToDate, Inc.
Consultant

White, Eric

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Akcea Pharmaceuticals
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
GoodwinProcter, LLC
Expert testimony for this company or its agents

Winn, Robert

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Genentech
Advisory committee

Winthrop, Kevin

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pfizer, Inc.
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Roche Genentech
Data and Safety Monitoring Board

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Insmed, Inc
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Insmed, Inc
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
UCB
Data and Safety Monitoring Board

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bristol-Myers Squibb
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Bristol-Myers Squibb
Research support
Winthrop, Kevin

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

- **Lilly**: Consultant

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

- **Abbvie Technologies**: Data and Safety Monitoring Board

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

- **Gilead Sciences, Inc**: Data and Safety Monitoring Board

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

- **Biomarin Pharmaceutical Inc**: Data and Safety Monitoring Board

Wise, Robert

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

- **GlaxoSmithKline**: Advisory committee

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

- **Boehringer Ingelheim**: Data and Safety Monitoring Board

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

- **Verona**: Advisory committee

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

- **Propeller Health**: Advisory committee

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

- **Abbvie Technologies**: Data and Safety Monitoring Board

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

- **Pulmonx**: Data and Safety Monitoring Board

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

- **Syneos**: Data and Safety Monitoring Board

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

- **Bonti**: Data and Safety Monitoring Board

**Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest**

- **Spiration, Inc.**: Advisory committee
Wise, Robert

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Mylan / Theravance
Advisory committee

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
AstraZeneca
Consultant

Wisnivesky, Juan

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Sanofi
Research support
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Merus
Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Quintiles
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Banook
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Quorum
Research support

Wood, Lisa

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
NSA LLC
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
DSM Nutritionals
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Speaker/faculty for non-CME activity

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Australian Health & Nutrition Association Ltd
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Healthworld
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Asthma Australia
Research support
Wood, Lisa

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
CGi LLC
Speaker/faculty for non-CME activity

Young, Lisa

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
UpToDate, Inc.
Other transfers of value

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Boehringer Ingelheim
Advisory committee

Yu, Paul

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Acceleron Pharma
Consultant

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Acceleron Pharma
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Regeneron
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Pfizer, Inc.
Research support

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Vascular Biosciences
Research support

Zappetti, Dana

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
UpToDate, Inc.
Royalties, licensing fees, or other sales proceeds

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Wolters Kluwer
Royalties, licensing fees, or other sales proceeds

Zimolzak, Andrew

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Stryker
Ownership or investment interests (includes stock)

Zuwallack, Richard

Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest
Philips Respironics
Advisory committee
### American Thoracic Society - Disclosure Summary for CME Learners
#### ATS 2019 International Conference - Dallas, TX - May 17-22

**Section 2: Session Faculty who Reported No Commercial Interests**  
Initial Report - May 17, 2019

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