































**Deterding, Robin R.**

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

ListenMD  
Consultant  
Stocks, Stock Options, or Other Equity Interests

**Detterbeck, Frank C.**

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

Medela Inc.  
Research Support

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

Olympus Corporation  
Data & Safety Monitoring Board

**Diaz, Alejandro A.**

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

Novartis Pharma AG  
Speaker

**Dixon, Anne E.**

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

Genentech, Inc.  
Data & Safety Monitoring Board

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

Vitaeris  
Consultant

**Donohue, James M.**

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

Gilead Sciences Inc  
Data & Safety Monitoring Board

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

Pearl Therapeutics  
Data & Safety Monitoring Board

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

Insmmed, Inc  
Data & Safety Monitoring Board

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

Teva Pharmaceuticals USA, Inc.  
Data & Safety Monitoring Board

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

Novartis Pharma AG  
Data & Safety Monitoring Board

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

AstraZeneca Pharmaceuticals LP  
Advisory Committee

**Donohue, James M.**

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

Boehringer Ingelheim b.v.  
Advisory Committee

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

GlaxoSmithKline, LLC.  
Advisory Committee

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

Sunovion  
Advisory Committee

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

Theravance Biopharma Inc.  
Advisory Committee

**Ducharme, Francine**

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

GlaxoSmithKline, LLC.  
Transfers of value unrelated to service (e.g., honoraria, travel, drugs/equipment)

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

Novartis Pharmaceuticals Corporation  
Transfers of value unrelated to service (e.g., honoraria, travel, drugs/equipment)

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

Merck Sharp & Dohme Corporation  
Transfers of value unrelated to service (e.g., honoraria, travel, drugs/equipment)

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

Takeda Pharmaceutical Company, Limited  
Transfers of value unrelated to service (e.g., honoraria, travel, drugs/equipment)

**Eckert, Danny J.**

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

Bayer HealthCare Pharmaceuticals Inc.  
Consultant  
Advisory Committee  
Research Support

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

Oventus Medical  
Consultant  
Advisory Committee  
Research Support

**Escalante, Patricio**

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

Patent pending of laboratory methods for intellectual property protection puposes  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Evans, Scott E.**

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

Pulmotect, Inc  
Stocks, Stock Options, or Other Equity Interests  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Fabbri, Leonardo M.**

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

AstraZeneca Pharmaceuticals LP  
Consultant  
Research Support  
Speaker  
Advisory Committee

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

Boehringer Ingelheim b.v.  
Advisory Committee  
Consultant  
Research Support  
Speaker

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

Chiesi USA, Inc.  
Speaker  
Research Support  
Advisory Committee  
Consultant

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

GlaxoSmithKline, LLC.  
Advisory Committee  
Consultant  
Research Support  
Speaker

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

Merck Sharp & Dohme Corporation  
Speaker  
Advisory Committee  
Consultant  
Research Support

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

Novartis Pharma AG  
Advisory Committee  
Consultant  
Speaker  
Research Support

**Fabbri, Leonardo M.**

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

Takeda Pharmaceutical Company, Limited  
Consultant  
Speaker  
Research Support  
Advisory Committee

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

Pearl Therapeutics  
Speaker  
Advisory Committee  
Research Support  
Consultant

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

Teva Pharmaceuticals USA, Inc.  
Research Support  
Speaker  
Advisory Committee  
Consultant

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

Dey Pharma  
Advisory Committee  
Speaker  
Consultant  
Research Support

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

MundiPharma  
Speaker  
Research Support  
Consultant  
Advisory Committee

**Fan, Eddy**

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

St. Jude Medical, Inc.  
Speaker

**Feldman, Charles**

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

GlaxoSmithKline, LLC.  
Speaker

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

Aspen  
Speaker

**Feldman, Charles**

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

Pfizer Inc.  
Advisory Committee  
Speaker

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

AstraZeneca Pharmaceuticals LP  
Speaker  
Advisory Committee

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

Merck Sharp & Dohme Corporation  
Speaker  
Advisory Committee

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

Novartis Pharma AG  
Speaker

**Feller-Kopman, David J.**

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

Veran Medical Technologies, Inc.  
Consultant

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

Bectel Dickenson  
Consultant

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

CSA Medical  
Data & Safety Monitoring Board

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

Holaira, Inc.  
Consultant

**Ferguson, Gary T.**

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

Pearl Therapeutics  
Advisory Committee  
Speaker  
Research Support  
Consultant

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

Novartis Pharma AG  
Advisory Committee  
Research Support

**Ferguson, Gary T.**

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

Sunovion  
Advisory Committee  
Speaker  
Research Support  
Consultant

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

GlaxoSmithKline, LLC.  
Speaker

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

Theravance Biopharma Inc.  
Research Support

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

Verona  
Consultant

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

Boehringer Ingelheim Pharmaceuticals, Inc.  
Research Support  
Consultant  
Advisory Committee  
Speaker

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

Innoviva, Inc.  
Advisory Committee

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

Mylan Pharmaceuticals Inc.  
Advisory Committee  
Consultant

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

Meda Pharmaceuticals, Inc.  
Consultant  
Speaker

**Ferkol, Thomas W.**

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

Parion Sciences (Vertex Pharmaceuticals)  
Research Support

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

Five United States and international patents  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Fingerlin, Tasha E.**

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

Patent pending for "Methods for Predicting Risk of Interstitial Pneumonia"  
Application number 14/813,559  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Fischer, Aryeh**

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

Actelion Pharmaceuticals US, Inc.  
Consultant

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

aTyr Pharma  
Consultant

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

Boehringer Ingelheim Pharmaceuticals, Inc.  
Consultant

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

F. Hoffmann-La Roche AG  
Consultant

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

Gilead Sciences Inc  
Consultant

**Flaherty, Kevin R.**

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

Boehringer Ingelheim Pharmaceuticals, Inc.  
Consultant  
Research Support

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

Genentech, Inc.  
Consultant  
Research Support

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

Gilead Sciences Inc  
Data & Safety Monitoring Board

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

MedImmune, LLC  
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*

Hoffmann-La Roche Inc.  
Research Support

**Flaherty, Kevin R.**

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

InterMune, Inc.  
Research Support  
Consultant

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

Biogen Idec Inc.  
Consultant

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

Afferent  
Research Support

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

Aeolus  
Consultant

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

PharmAkea Therapeutics  
Consultant

**Freishtat, Robert J.**

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

Adipomics, Inc.  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)  
Company Owner or Board Member of this company

**Fuhlbrigge, Anne L.**

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

Adjudication committee for a large clinical trial evaluating the use of ICS/LABA in asthma

**Garvey, Christine M.**

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

Boehringer Ingelheim b.v.  
Speaker

**Gern, James E.**

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

Boehringer Ingelheim Pharmaceuticals, Inc.  
Speaker

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

PREP Biopharma Inc  
Consultant

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

Janssen Biotech, Inc.  
Consultant

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

Regeneron Pharmaceuticals, Inc.  
Advisory Committee

**Ghebre, Yohannes**

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

Altitude Pharma  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)  
Company Owner or Board Member of this company  
Advisory Committee  
Stocks, Stock Options, or Other Equity Interests

**Gordon, Stephen B.**

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

Director of a Wellcome Trust Major Overseas Programme.  
Advisory Committee

**Gould, Michael K.**

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

UpToDate, Inc  
Author

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

Medial, Inc  
Research Support

**Grandner, Michael**

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

Fitbit  
Expert Testimony  
Consultant

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

CurAegis  
Advisory Committee

**Groshong, Steve D.**

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

Veracyte Inc.  
Consultant

**Gulati, Mridu**

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

Boehringer Ingelheim b.v.  
Research Support  
Advisory Committee

**Gyetko, Margaret**

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

Mountain pass solutions  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)  
Consultant

**Han, MeiLan K.**

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

Boehringer Ingelheim International GmbH  
Speaker  
Consultant

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

GlaxoSmithKline, LLC.  
Consultant

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

Novartis Pharma AG  
Consultant  
Research Support  
Speaker

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

AstraZeneca Pharmaceuticals LP  
Consultant

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

Sunovion  
Consultant

**Hartert, Tina**

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

Regeneron Pharmaceuticals, Inc.  
Consultant  
Research Support

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

Novavax  
Consultant

**Hemnes, Anna R.**

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

United Therapeutics Corporation  
Consultant  
Advisory Committee

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

Actelion Pharmaceuticals US, Inc.  
Consultant

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

GlaxoSmithKline, LLC.  
Consultant

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

Bayer HealthCare Pharmaceuticals Inc.  
Consultant

**Henry, Travis**

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

Genentech, Inc.  
Employee of this company

**Hershenson, Marc B.**

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

NOTA LABORATORIES, LLC  
Stocks, Stock Options, or Other Equity Interests  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)  
Company Owner or Board Member of this company

**Herth, Felix J.**

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

Adboard Activities  
Research Support  
Advisory Committee  
Speaker

**Herzog, Erica**

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

Bristol-Myers Squibb Company  
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*

Promedior  
Research Support

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

Karos  
Research Support

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

Kolltan  
Research Support

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

Navitor  
Research Support

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

Boehringer Ingelheim b.v.  
Consultant

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

Navitor  
Advisory Committee

**Highland, Kristin B.***Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest*

Actelion Pharmaceuticals US, Inc.  
Advisory Committee  
Consultant  
Speaker  
Research Support

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

Bayer HealthCare Pharmaceuticals Inc.  
Research Support  
Speaker  
Consultant

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

Boehringer Ingelheim Pharmaceuticals, Inc.  
Speaker  
Research Support  
Consultant  
Advisory Committee

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

Gilead Sciences Inc  
Speaker

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

United Therapeutics Corporation  
Speaker  
Advisory Committee  
Research Support

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

Genentech, Inc.  
Speaker  
Research Support

**Hoeper, Marius M.***Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest*

Actelion Pharmaceuticals US, Inc.  
Advisory Committee  
Speaker  
Consultant

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

Bayer HealthCare Pharmaceuticals Inc.  
Speaker  
Advisory Committee  
Consultant

**Hoepfer, Marius M.**

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

Gilead Sciences Inc  
Advisory Committee  
Consultant  
Speaker

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

GlaxoSmithKline, LLC.  
Speaker  
Advisory Committee  
Consultant

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

Merck Sharp & Dohme Corporation  
Advisory Committee  
Consultant  
Speaker

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

Pfizer Inc.  
Consultant  
Speaker  
Advisory Committee

**Hoffman, Eric A.**

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

VIDA Diagnostics  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)  
Stocks, Stock Options, or Other Equity Interests

**Hopkins, Susan R.**

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

Boehringer Ingelheim Pharmaceuticals, Inc.  
Advisory Committee

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

Bayer HealthCare LLC  
Speaker

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

GE Healthcare  
Stocks, Stock Options, or Other Equity Interests

**Horowitz, Jeffrey C.**

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

Boehringer Ingelheim Pharmaceuticals, Inc.  
Research Support

**Horsburgh, Robert**

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

Janssen Pharmaceuticals, Inc  
Data & Safety Monitoring Board

**Howell, Michael D.**

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

UpToDate, Inc  
Royalties

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

McGraw-Hill  
Royalties

**Hunninghake, Gary Matt**

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

Genentech, Inc.  
Advisory Committee

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

Gerson Lehrman Group  
Advisory Committee

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

Medna LLC  
Advisory Committee

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

Patients Like Me  
Advisory Committee

**Irvin, Charles G.**

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

Medical Graphics Corporation  
Advisory Committee

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

Methapharm  
Advisory Committee

**Jenkins, Gisli R.**

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

GlaxoSmithKline, LLC.  
Research Support  
Advisory Committee

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

Biogen Inc.  
Advisory Committee  
Research Support

**Jenkins, Gisli R.**

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

Novartis Pharma AG  
Research Support

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

Roche  
Advisory Committee  
Consultant  
Speaker

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

Boehringer Ingelheim Pharma GmbH & Co.KG  
Advisory Committee  
Data & Safety Monitoring Board  
Transfers of value unrelated to service (e.g., honoraria, travel, drugs/equipment)

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

PharmAkea Therapeutics  
Advisory Committee

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

InterMune, Inc.  
Advisory Committee  
Speaker

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

Galecto  
Research Support

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

Nuformix  
Consultant

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

Pulmatrix  
Consultant

**Jett, James R.**

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

Oncimmune  
Advisory Committee

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

UpToDate, Inc  
Royalties

**Jimenez, David**

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

Bayer HealthCare Pharmaceuticals Inc.  
Speaker  
Consultant

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

Boehringer Ingelheim International GmbH  
Speaker  
Consultant

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

Bristol-Myers Squibb Company  
Consultant  
Speaker

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

Daiichi Sankyo Europe GmbH  
Research Support  
Speaker

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

LEO Pharma Inc.  
Speaker

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

Pfizer Pharma GmbH  
Speaker  
Consultant

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

sanofi-aventis U.S. LLC  
Speaker

**Johannson, Kerri A.***Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest*

Boehringer Ingelheim Canada Ltd.Ltee  
Speaker  
Advisory Committee

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

Hoffmann-La Roche Limited  
Advisory Committee  
Speaker

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

UCB Biosciences Inc.  
Research Support

**Johnston, Sebastian Lennox***Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest*

UK patent application No. 0518425.4, 9 September 2005.  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

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

European Patent Number 1734987, 5 May 2010.  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Johnston, Sebastian Lennox***Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest*

Hong Kong Patent Number 1097181, 31 August 2010.

Intellectual Property (e.g., a patent, copyrighted material, or other IP)

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

Japanese Patent Number 4807526, 26 August 2011.

Intellectual Property (e.g., a patent, copyrighted material, or other IP)

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

New Hong Kong - Divisional Patent Application No. 11100187.0, 10 January 2011.

Intellectual Property (e.g., a patent, copyrighted material, or other IP)

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

European Patent Number 13305152, 4 April 2013.

Intellectual Property (e.g., a patent, copyrighted material, or other IP)

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

GlaxoSmithKline, LLC.

Research Support

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

Boehringer Ingelheim Pharma GmbH & Co.KG

Consultant

Research Support

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

Synergen

Research Support

Stocks, Stock Options, or Other Equity Interests

Consultant

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

Aviragen

Consultant

**Jones, Kirk D.***Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest*

Boehringer Ingelheim International GmbH

Consultant

**Judson, Marc A.***Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest*

Biogen Idec Inc.

Consultant

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

AstraZeneca Pharmaceuticals LP

Consultant

Advisory Committee

**Kalhan, Ravi**

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

Caremark  
Consultant

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

ModoSpira  
Consultant  
Stocks, Stock Options, or Other Equity Interests

**Kaminska, Marta**

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

VitalAire Inc.  
Research Support

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

Biron Soins du Sommeil  
Speaker  
Consultant  
Advisory Committee

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

Philips Respironics, Inc.  
Research Support

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

ResMed Corp  
Research Support

**Kaminski, Naftali**

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

Boehringer Ingelheim Pharmaceuticals, Inc.  
Consultant

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

Biogen Idec Inc.  
Research Support  
Consultant

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

Moerae  
Advisory Committee  
Stocks, Stock Options, or Other Equity Interests

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

Qyuitza  
License of IP

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

Pliant Therapeutics  
Consultant  
Stocks, Stock Options, or Other Equity Interests

**Kaminski, Naftali**

*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*

Patent on use of thyroid hormone to treat pulmonay fibrosis  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

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

Patent on 52 gene expression signature to predict outcome in IPF  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Kaminsky, David A.**

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

MGC Diagnostics, Inc.  
Speaker

**Kanne, Jeffrey P.**

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

Parexel Informatics  
Consultant

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

Genentech, Inc.  
Advisory Committee

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

HealthMyne  
Consultant

**Keith, Robert L.**

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

Patent pn use of prostacyclin analogues for the chemoprevention of cancer  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

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

Boehringer Ingelheim b.v.  
Speaker

**Kercsmar, Carolyn M.**

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

GlaxoSmithKline, LLC.  
Data & Safety Monitoring Board

**Kern, Ryan M.**

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

Olympus Corporation  
Consultant

**Kim, Victor**

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

AstraZeneca Pharmaceuticals LP  
Consultant  
Advisory Committee

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

Gala Therapeutics  
Advisory Committee  
Consultant

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

ConCert Pharmaceuticals  
Advisory Committee  
Consultant

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

CSA Medical  
Consultant  
Advisory Committee

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

Medscape  
Peer Reviewer

**King, Gregory**

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

Restech and Thorasys  
Research Support

**Kirtland, Steven H**

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

Medtronic USA, Inc.  
Consultant

**Klooster, Karin**

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

PneumRx/BTG  
Speaker

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

PulmonX Inc.  
Speaker

**Kolb, Martin R.J.**

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

Boehringer Ingelheim Limited  
Speaker  
Consultant  
Advisory Committee  
Research Support

**Kolb, Martin R.J.**

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

Hoffmann-La Roche Inc.  
Advisory Committee  
Speaker  
Consultant

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

Prometic  
Advisory Committee  
Research Support

**Kollef, Marin H.**

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

Accelerate Diagnostics  
Speaker  
Consultant

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

Allergan  
Speaker  
Consultant

**Konstantinides, Stavros**

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

Boehringer Ingelheim Pharma GmbH & Co.KG  
Advisory Committee

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

Bayer HealthCare Pharmaceuticals Inc.  
Research Support  
Advisory Committee

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

Pfizer Inc.  
Advisory Committee

**Kraft, Monica**

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

Teva Pharmaceuticals USA, Inc.  
Consultant

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

AstraZeneca Pharmaceuticals LP  
Consultant

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

Chiesi USA, Inc.  
Research Support

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

sanofi-aventis U.S. LLC  
Research Support

**Kraft, Monica**

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

Hoffmann-La Roche Inc.  
Research Support  
Consultant

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

Elsevier  
Royalties for book I edited on asthma several years ago

**Kreider, Maryl**

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

MedImmune, LLC  
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*

Sanofi Sciences  
Research Support

**Kreuter, Michael**

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

F. Hoffmann-La Roche AG  
Speaker  
Research Support  
Consultant

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

Boehringer Ingelheim International GmbH  
Consultant  
Research Support  
Speaker

**Krishnan, Jerry A.**

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

Sanofi Pasteur Inc.  
Data & Safety Monitoring Board

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

EMax Health  
Consultant

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

UpToDate, Inc  
Consultant

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

CVS Caremark  
Consultant

**Kuna, Samuel T.**

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

Philips Respironics, Inc.  
Research Support

**Lahm, Tim**

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

Bayer HealthCare Pharmaceuticals Inc.  
Research Support  
Speaker

**Lakshminrusimha, Satyan**

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

Ikaria, Inc.  
Speaker

**Lamb, Carla R.**

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

Boston Scientific  
Consultant

**Lareau, Suzanne C.**

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

Pulmonary Functional Status & Dyspnea Questionnaire  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Lederer, David J.**

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

Roche/Genentech/Intermune  
Consultant  
Advisory Committee

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

Boehringer Ingelheim Pharmaceuticals, Inc.  
Advisory Committee

*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*

PharmAkea Therapeutics  
Advisory Committee

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

Veracyte Inc.  
Advisory Committee

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

Patara Pharmaceuticals  
Consultant

**Lederer, David J.**

*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*

Philips Respironics, Inc.  
Advisory Committee

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

Global Blood Therapeutics  
Consultant

**Lee, Y.C. Gary**

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

Rocket Medical UK  
Research Support

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

Lung Therapeutics Ltd  
Consultant

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

AstraZeneca Pharmaceuticals LP  
Research Support

**Levy, Mitchell M.**

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

ImmuneExpress  
Research Support

**Liang, Ni-Cheng**

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

AstraZeneca Pharmaceuticals LP  
Research Support

**Lotvall, Jan**

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

Codiak Biosciences Inc  
Employee of this company  
Research Support  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)  
Stocks, Stock Options, or Other Equity Interests  
Advisory Committee

**Lynch, David A.**

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

Parexel, inc  
Consultant

**Lynch, David A.**

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

Boehringer Ingelheim b.v.  
Consultant

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

Genentech, Inc.  
Consultant

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

Veracyte Inc.  
Consultant

**Lynch, Susan V.**

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

Siolta Therapeutics  
Consultant  
Stocks, Stock Options, or Other Equity Interests

**MacIntyre, Neil R.**

*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*

Inspix Pharmaceuticals  
Consultant

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

Ventec  
Consultant

**Maher, Toby M.**

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

GlaxoSmithKline, LLC.  
Research Support  
Advisory Committee

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

Boehringer Ingelheim b.v.  
Advisory Committee  
Speaker

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

Genentech, Inc.  
Advisory Committee  
Speaker

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

Apellis Pharmaceuticals  
Advisory Committee  
Stocks, Stock Options, or Other Equity Interests

**Maher, Toby M.**

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

UCB Biosciences Inc.  
Advisory Committee

**Make, Barry J.**

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

Boehringer Ingelheim b.v.  
Advisory Committee  
Consultant  
Speaker

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

AstraZeneca Pharmaceuticals LP  
Research Support  
Consultant  
Advisory Committee

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

Theravance Biopharma Inc.  
Advisory Committee

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

Sunovion  
Speaker  
Advisory Committee  
Research Support

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

GlaxoSmithKline, LLC.  
Advisory Committee

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

Baxalta  
Data & Safety Monitoring Board

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

Forest  
Consultant  
Advisory Committee

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

Novartis Pharmaceuticals Corporation  
Consultant  
Advisory Committee

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

Spiration, Inc.  
Data & Safety Monitoring Board

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

Verona  
Advisory Committee

**Make, Barry J.**

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

Various Medical Communication Companies  
Speaker

**Maksym, Geoffrey N.**

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

Thorasys Thoracic Medical Systems Inc.  
Transfers of value unrelated to service (e.g., honoraria, travel, drugs/equipment)  
Stocks, Stock Options, or Other Equity Interests  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)  
Advisory Committee

**Maldonado, Fabien**

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

Imbio  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Maltais, Francois**

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

GlaxoSmithKline, LLC.  
Research Support  
Speaker  
Consultant

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

Boehringer Ingelheim b.v.  
Speaker  
Consultant  
Research Support

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

Nycomed  
Research Support  
Consultant  
Speaker

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

Novartis Pharma AG  
Consultant  
Research Support  
Speaker

**Mannino, David M.**

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

GlaxoSmithKline, LLC.  
Consultant  
Research Support  
Advisory Committee

**Mannino, David M.**

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

Boehringer Ingelheim Pharmaceuticals, Inc.  
Advisory Committee

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

Novartis Pharma AG  
Consultant

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

Amgen Inc.  
Advisory Committee

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

Sunovion  
Speaker

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

Mylan Pharmaceuticals Inc.  
Speaker

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

AstraZeneca Pharmaceuticals LP  
Consultant  
Advisory Committee

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

Expert witness in legal cases on harm caused by tobacco smoking  
Expert Testimony

**Mansoori, Jason N.**

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

Cheetah Medical  
Research Support

**Marshall, John C.**

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

AKPA Pharma  
Data & Safety Monitoring Board

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

Spectral Medical  
Advisory Committee

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

GlaxoSmithKline, LLC.  
Data & Safety Monitoring Board

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

Regeneron Pharmaceuticals, Inc.  
Advisory Committee

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

Bristol-Myers Squibb Company  
Advisory Committee

**Martin, Thomas R.**

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

Novartis Pharmaceuticals  
Stocks, Stock Options, or Other Equity Interests  
Employment ended March 31, 2017.  
Employee of this company

**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

**Martinez, Fernando J.**

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

Adept  
Consultant

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

Afferent  
Research Support

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

AstraZeneca Pharmaceuticals LP  
Research Support  
Advisory Committee  
Consultant  
Speaker

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

Bayer HealthCare Pharmaceuticals Inc.  
Research Support

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

Boehringer Ingelheim b.v.  
Advisory Committee  
Consultant  
Research Support  
Speaker

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

Bioscale/ProTERRIX Bio  
Consultant

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

Clarion  
Consultant

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

ConCert Pharmaceuticals  
Consultant

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

Genentech, Inc.  
Consultant

*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*

GlaxoSmithKline, LLC.  
Consultant  
Data & Safety Monitoring Board  
Research Support  
Speaker

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

Ikaria/Bellerophon  
Advisory Committee

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

Inthought Research  
Consultant

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

Kadmon  
Advisory Committee

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

Lucid  
Consultant

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

Unity (Medical Leverage)  
Consultant

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

Novartis Pharma AG  
Speaker  
Advisory Committee

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

Nycomed/Takeda  
Speaker  
Research Support

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

Pearl Therapeutics  
Research Support  
Advisory Committee

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

Chiesi USA, Inc.  
Speaker

**Martinez, Fernando J.**

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

Roche  
Advisory Committee

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

Stromedix/Biogen  
Data & Safety Monitoring Board

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

Sunovion  
Advisory Committee

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

Theravance Biopharma Inc.  
Advisory Committee

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

Veracyte Inc.  
Advisory Committee  
Research Support

**Matthay, Michael A.**

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

Roche/Genentech  
Data & Safety Monitoring Board

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

Amgen Inc.  
Research Support

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

GlaxoSmithKline, LLC.  
Research Support

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

Boehringer Ingelheim b.v.  
Consultant

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

Bayer HealthCare LLC  
Consultant

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

Thesan Pharmaceuticals  
Consultant

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

Quark Pharmaceuticals  
Consultant

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

Cerus Therapeutics, Inc  
Consultant

**Mazzone, Peter J.**

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

Oncimmune  
Research Support  
Advisory Committee

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

InDi  
Research Support  
Advisory Committee

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

Genentech, Inc.  
Advisory Committee

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

20/20 Genesystems  
Research Support

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

Grail  
Advisory Committee

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

Nucleix  
Advisory Committee

**McCallister, Jennifer W.**

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

Reminger Co, LPA  
Expert Testimony

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

Arnold Todaro, & Welch  
Expert Testimony

**McDonald, Vanessa**

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

GlaxoSmithKline, LLC.  
Speaker  
Advisory Committee

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

Menarini  
Advisory Committee  
Speaker

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

AstraZeneca Pharmaceuticals LP  
Speaker  
Advisory Committee

**McDonald, Vanessa**

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

Novartis Pharma AG  
Advisory Committee  
Speaker

**Metersky, Mark L.**

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

Bayer HealthCare Pharmaceuticals Inc.  
Consultant

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

Aradigm  
Research Support  
Consultant

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

EBSCO  
Consultant

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

Grifols, S.A.  
Consultant

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

Insmmed, Inc  
Consultant

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

Medical-legal consulting, none on behalf of or against pharma or device  
Expert Testimony

**Meyer, Nuala J.**

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

Sobi, Inc  
Advisory Committee

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

Atherasys, Inc  
Research Support

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

GlaxoSmithKline, LLC.  
Research Support

**Midthun, David**

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

Integrated Diagnostics  
Research Support

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

Exact Sciences  
Research Support

**Midthun, David**

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

UpToDate, Inc  
Royalties

**Miravittles, Marc**

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

Boehringer Ingelheim b.v.  
Speaker  
Consultant  
Advisory Committee

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

AstraZeneca Pharmaceuticals LP  
Speaker  
Advisory Committee

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

Chiesi USA, Inc.  
Advisory Committee  
Speaker

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

GlaxoSmithKline, LLC.  
Advisory Committee

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

Novartis Pharma AG  
Advisory Committee  
Speaker

**Moghanaki, Drew**

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

Varian Medical Systems  
Speaker

**Moller, David R.**

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

Novartis Pharmaceuticals Corporation  
Consultant

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

Sarcoidosis Diagnostic Testing LLC  
Stocks, Stock Options, or Other Equity Interests  
Company Owner or Board Member of this company  
Employee of this company

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

Dicerna  
Consultant

**Moller, David R.**

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

Endocyte  
Research Support

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

Merck Sharp & Dohme Corporation  
Consultant

**Monnet, Xavier**

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

Maquet GmbH  
Consultant  
Advisory Committee

**Morrell, Mary J.**

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

ResMed Corp  
Research Support

**Morrell, Nicholas W.**

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

Morphogen-IX  
Company Owner or Board Member of this company  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)  
Research Support

**Moy, Marilyn**

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

AstraZeneca Pharmaceuticals LP  
Consultant

**Murphy, Patrick B.**

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

Philips  
Advisory Committee  
Research Support

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

ResMed Corp  
Research Support

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

B&D electromedical  
Research Support

**Murray, Lindsey**

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

Evidera  
Employee of this company

**Nambiar, Anoop M.**

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

Boehringer Ingelheim Pharmaceuticals, Inc.  
Advisory Committee  
Research Support  
Speaker

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

Genentech, Inc.  
Research Support

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

sanofi-aventis U.S. LLC  
Transfers of value unrelated to service (e.g., honoraria, travel, drugs/equipment)

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

InterMune, Inc.  
Advisory Committee  
Consultant  
Research Support  
Transfers of value unrelated to service (e.g., honoraria, travel, drugs/equipment)

**Newth, Christopher**

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

Philips Research North America  
Consultant

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

Covidien LP  
Consultant

**Nicolls, Mark R.**

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

Eiger Biopharmaceuticals  
Stocks, Stock Options, or Other Equity Interests  
Consultant  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**O'Connor, George T.**

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

AstraZeneca Pharmaceuticals LP  
Consultant

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

Janssen Pharmaceuticals, Inc  
Research Support

**O'Donnell, Anne**

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

Bayer HealthCare LLC  
Speaker  
Research Support  
Consultant  
Advisory Committee

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

Xellia Inc  
Advisory Committee

*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*

Aradigm  
Advisory Committee  
Research Support

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

Insmmed, Inc  
Advisory Committee  
Research Support

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

Griffols  
Advisory Committee

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

Raptor Pharmaceuticals  
Advisory Committee

**O'Hare, Lanier**

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

Mallinckrodt LLC  
Speaker

**Olivier, Kenneth N.**

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

Insmmed, Inc  
Research Support

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

Matinas Biopharma Holdings, Inc  
Research Support

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

Bayer HealthCare Pharmaceuticals Inc.  
Speaker

**Orr, Jeremy Eliot**

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

ResMed Corp

Transfers of value unrelated to service (e.g., honoraria, travel, drugs/equipment)

**Osarogiagbon, Raymond**

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

Patent pending under review for lymph node specimen collection kit.

Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Ost, David Edward**

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

Veran Medical Technologies, Inc.

Advisory Committee

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

Intuitive Surgical, Inc.

Consultant

Advisory Committee

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

Vidacare Corporation

Research Support

**Palmer, Scott M.**

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

Patent on CMV immune monitoring assay in solid organ transplant

Intellectual Property (e.g., a patent, copyrighted material, or other IP)

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

Boehringer Ingelheim Pharmaceuticals, Inc.

Research Support

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

Gilead Sciences Inc

Research Support

**Panitch, Howard B.**

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

Philips Respironics, Inc.

Advisory Committee

**Parsons, Polly E.**

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

UpToDate, Inc

Royalties

**Parthasarathy, Sairam**

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

Patent on home breathing device

Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Patel, Bela**

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

Actelion Pharmaceuticals US, Inc.  
Speaker  
Research Support

**Patel, Robin**

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

The Medicines Company  
Research Support

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

CD Diagnostics  
Research Support

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

BioFire  
Research Support

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

Check-Points  
Research Support

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

Curetis  
Research Support  
Consultant

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

3M Company  
Research Support

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

Merck Sharp & Dohme Corporation  
Research Support

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

Hutchison Biofilm Medical Solutions  
Research Support

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

Accelerate Diagnostics  
Research Support

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

Allergan  
Research Support

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

Roche  
Consultant

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

Qvell  
Consultant

**Patel, Robin**

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

Diaxonhit  
Consultant

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

Patent on Bordetella pertussis/parapertussis PCR issued  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

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

Patent on a device/method for sonication  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

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

Patent on an anti-biofilm substance issued  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

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

Actelion Pharmaceuticals US, Inc.  
Data & Safety Monitoring Board

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

UpToDate, Inc  
Consultant

**Patel, Sanjay R.**

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

Medtronic, Inc.  
Consultant

**Pavord, Ian D.**

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

AstraZeneca Pharmaceuticals LP  
Speaker  
Consultant  
Advisory Committee

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

Boehringer Ingelheim Pharmaceuticals, Inc.  
Consultant  
Speaker  
Advisory Committee

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

Aerocrine  
Consultant

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

Almirall  
Consultant  
Advisory Committee

**Pavord, Ian D.**

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

Novartis Pharma AG  
Consultant  
Advisory Committee

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

GlaxoSmithKline, LLC.  
Consultant  
Advisory Committee  
Speaker

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

Genentech, Inc.  
Advisory Committee

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

Merck Sharp & Dohme Corporation  
Advisory Committee

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

Regeneron Pharmaceuticals, Inc.  
Advisory Committee

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

Schering-Plough  
Advisory Committee

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

Dey Pharma  
Advisory Committee

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

Napp  
Speaker  
Advisory Committee

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

Respivert  
Advisory Committee

**Peikert, Tobias**

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

Imbio  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Pepin, Jean Louis**

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

ResMed Corp  
Research Support  
Speaker

**Pepin, Jean Louis**

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

Perimetre  
Speaker

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

Philips  
Speaker  
Research Support

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

Fisher and Paykel  
Speaker

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

AstraZeneca Pharmaceuticals LP  
Speaker

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

SEFAM  
Speaker

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

Agiradom  
Speaker

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

Teva Pharmaceuticals USA, Inc.  
Speaker

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

GlaxoSmithKline, LLC.  
Research Support

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

Fondation de la recherche medicale  
Research Support

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

Direction de la recherche Clinique du CHU de Grenoble  
Research Support

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

Fond de dotation Agir pour les maladies chroniques  
Research Support

**Peters-Golden, Marc**

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

Patent pending: idea of administering artificial liposomes containing SOCS proteins for inflammatory lung disease and cancer.  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Petrache, Irina**

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

Allinaire, Inc  
Company Owner or Board Member of this company  
Research Support

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

Intellectual Property for Adipose Progenitor Cell therapy  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Pinkerton, Kent E.**

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

Phillip Morris International  
Research Support

**Politi, Katerina**

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

Molecular MD  
Patent on EGFR T790M mutation testing  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

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

AstraZeneca Pharmaceuticals LP  
Research Support

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

Roche  
Research Support

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

Kolltan  
Research Support

**Polkey, Michael I.**

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

Novartis Pharmaceuticals Corporation  
Research Support  
Consultant

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

GlaxoSmithKline, LLC.  
Research Support

**Powell, Charles A.**

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

Genentech, Inc.  
Consultant

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

Nucleix Ltd  
Consultant

**Powell, Charles A.**

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

Siemens  
Consultant

**Punjabi, Naresh M.**

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

ResMed Corp  
Research Support

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

Philips Respironics, Inc.  
Research Support

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

MediBio  
Research Support

**Raby, Benjamin A.**

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

CureSpark Inc  
Stocks, Stock Options, or Other Equity Interests  
Company Owner or Board Member of this company

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

UpToDate, Inc  
Editor

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

Paraxel  
Reader for clinical trials data analysis (Spouse)

**Raghu, Ganesh**

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

Boehringer Ingelheim Pharmaceuticals, Inc.  
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*

Biogen Idec Inc.  
Consultant

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

Degge group  
Consultant

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

Fibrogen  
Consultant

**Raghu, Ganesh**

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

Gilead Sciences Inc  
Consultant

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

Janssen Pharmaceuticals, Inc  
Consultant

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

MedImmune, LLC  
Data & Safety Monitoring Board

*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*

sanofi-aventis U.S. LLC  
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*

UCB Biosciences Inc.  
Consultant

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

Bristol-Myers Squibb Company  
Consultant

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

Patara Pharmaceuticals  
Consultant

**Rahman, Irfan**

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

Research Projects to Department of Environmental Medicine at the University of Rochester, NY from Tobacco Extramural Research Programs from 2004-2007. All projects/ties ended since last ~10 years.

**Rahman, Najib M.**

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

Rocket Medical  
Research Support  
Consultant

**Randell, Scott H.**

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

AbbVie, Inc.  
Research Support

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

Amgen Inc.  
Research Support

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

CFF Therapeutics, Inc.  
Research Support

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

Flately Discovery Lab  
Research Support

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

Genzyme  
Research Support

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

GNF-Novartis  
Research Support

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

Nivalis  
Research Support

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

Novartis Pharma AG  
Research Support

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

Parion Sciences (Vertex 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*

Proteostasis Therapeutics Inc.  
Research Support

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

Spirovention  
Research Support

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

Spyryx  
Research Support

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

Verona  
Research Support

**Redline, Susan S.**

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

Jazz Pharma and Beckman Coulter  
Research Support

**Reiss, Theodore F.**

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

Celgene Corporation  
Stocks, Stock Options, or Other Equity Interests  
Employee of this company

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

Merck (Spouse)  
Employee of this company  
Stocks, Stock Options, or Other Equity Interests

**Richeldi, Luca**

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

Boehringer Ingelheim International GmbH  
Speaker  
Advisory Committee

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

F. Hoffmann-La Roche AG  
Consultant  
Advisory Committee  
Speaker

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

Biogen Idec Inc.  
Consultant

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

sanofi-aventis U.S. LLC  
Advisory Committee

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

Bayer HealthCare LLC  
Consultant

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

Cipla  
Speaker

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

Pliant Therapeutics  
Consultant

**Riekert, Kristin A.**

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

Gilead Sciences Inc  
Consultant

**Riekert, Kristin A.**

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

Genentech, Inc.  
Consultant

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

Springer Publisher  
Royalties

**Roche, Nicolas**

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

Boehringer Ingelheim b.v.  
Advisory Committee  
Consultant  
Research Support

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

Novartis Pharma AG  
Advisory Committee  
Consultant  
Research Support  
Speaker

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

Zambon  
Advisory Committee  
Speaker

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

Chiesi USA, Inc.  
Consultant  
Speaker  
Advisory Committee

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

Sanofi Pasteur Inc.  
Data & Safety Monitoring Board  
Advisory Committee

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

3M Company  
Advisory Committee

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

AstraZeneca Pharmaceuticals LP  
Advisory Committee  
Consultant

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

Pfizer Inc.  
Speaker  
Research Support  
Consultant

**Roche, Nicolas**

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

MundiPharma  
Speaker  
Advisory Committee

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

Cipla  
Speaker

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

Sandoz  
Speaker  
Advisory Committee

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

Teva Pharmaceuticals USA, Inc.  
Advisory Committee  
Speaker

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

GlaxoSmithKline, LLC.  
Speaker  
Advisory Committee  
Consultant

**Rochester, Carolyn L.**

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

GlaxoSmithKline, LLC.  
Advisory Committee

**Rodriguez-Roisin, Robert**

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

AstraZeneca Pharmaceuticals LP  
Speaker  
Advisory Committee

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

Boehringer Ingelheim b.v.  
Consultant

**Roman, Jesse**

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

Boehringer Ingelheim b.v.  
Research Support  
Consultant  
Data & Safety Monitoring Board

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

Gilead Sciences Inc  
Data & Safety Monitoring Board  
Research Support  
Consultant

**Roman, Jesse**

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

Fibrogen  
Consultant  
Data & Safety Monitoring Board  
Research Support

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

Promedior  
Research Support  
Consultant  
Data & Safety Monitoring Board

**Rossi, Santiago**

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

Philips Healthcare  
Advisory Committee

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

Boehringer Ingelheim b.v.  
Speaker  
Advisory Committee

**Rowe, Paul**

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

sanofi Genzyme  
Medical Lead for Company

**Schwartz, Alan R.**

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

inSleep Health  
Research Support

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

Respicardia  
Consultant

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

ImThera Medical Inc.  
Research Support

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

Maxis  
Research Support

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

RespEQ  
Stocks, Stock Options, or Other Equity Interests

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

Discover Medical  
Stocks, Stock Options, or Other Equity Interests

**Schwartz, Alan R.**

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

Under Armour  
Stocks, Stock Options, or Other Equity Interests

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

Itamar Medical  
Stocks, Stock Options, or Other Equity Interests

**Schwartz, David A.**

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

Eleven P15, Inc.  
Employee of this company  
Stocks, Stock Options, or Other Equity Interests  
Company Owner or Board Member of this company  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)  
Research Support

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

"Methods and Compositions for Risk Prediction, Diagnosis, Prognosis, and Treatment of Pulmonary Disorders". US Patent serial no: 8,673,565  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

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

"Methods for predicting risk of interstitial pneumonia" US Patent No.: US 2016/0060701 A1  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Schweickert, William D.**

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

Hill-Rom Company, Inc  
Consultant

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

Arjo Huntleigh  
Consultant

**Sciurba, Frank C.**

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

BTG International, Inc.  
Consultant  
Research Support

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

Pulmonx Corporation  
Research Support

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

Boehringer Ingelheim b.v.  
Research Support

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

Spiration, Inc.  
Research Support

**Shah, Pallav L.**

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

Broncus  
Consultant

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

CSA Medical  
Consultant

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

Olympus Corporation  
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*

PneumRX/BTG  
Consultant

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

PulmonX Inc.  
Consultant

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

Imperial College (Industry Supported Course)  
Speaker

**Sharma, Sunil**

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

ResMed Corp  
Research Support

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

Actelion Pharmaceuticals US, Inc.  
Speaker

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

Gilead Sciences Inc  
Speaker

**Shea, Barry S.**

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

Genentech, Inc.  
Consultant

**Shore, Stephanie A.**

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

Boehringer Ingelheim Pharmaceuticals, Inc.  
Speaker

**Sime, Patricia J.**

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

Boehringer Ingelheim Pharmaceuticals, Inc.  
Consultant

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

InterMune, Inc.  
Data & Safety Monitoring Board (DSMB) organized by this company

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

GlaxoSmithKline, LLC.  
Advisory Committee

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

UCB Biosciences Inc.  
Consultant  
Advisory Committee

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

Third Rock Ventures  
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*

Alkermes, Inc.  
Advisory Committee

**Sin, Don**

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

AstraZeneca Pharmaceuticals LP  
Speaker  
Research Support  
Advisory Committee

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

Boehringer Ingelheim Limited  
Speaker  
Research Support  
Advisory Committee

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

Merck Sharp & Dohme Corporation  
Research Support

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

Novartis Pharmaceuticals Corporation  
Advisory Committee

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

Oxford Optronix  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)  
Research Support

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

Deltex Medical  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)  
Consultant

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

La Jolla Pharmaceutical  
Advisory Committee

**Singh, S. Dave***Name of Commercial Interest and Type(s) of Relationship with that Commercial Interest*

Novartis Pharma AG  
Consultant  
Speaker

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

AstraZeneca Pharmaceuticals LP  
Advisory Committee  
Consultant  
Research Support  
Speaker

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

Chiesi UK  
Research Support  
Speaker  
Advisory Committee  
Consultant

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

Boehringer Ingelheim International GmbH  
Advisory Committee  
Consultant  
Speaker

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

GlaxoSmithKline, LLC.  
Advisory Committee  
Consultant  
Speaker

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

Hoffmann-La Roche Limited  
Consultant  
Advisory Committee

**Singh, S. Dave**

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

Skypharma  
Consultant

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

Mundipharma  
Consultant

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

Teva Pharmaceuticals USA, Inc.  
Consultant  
Speaker

**Singh, Sally J.**

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

NHS Trust owns the copyright to a self management manual for COPD  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Slebos, Dirk-Jan**

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

PulmonX Inc.  
Research Support  
Speaker

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

PneumRx/BTG  
Research Support  
Speaker

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

Holaira, Inc.  
Research Support  
Speaker

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

CSA Medical  
Research Support  
Speaker

**Slutsky, Arthur S.**

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

Maquet Cardiopulmonary AG  
Consultant

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

Novalung/Xenio  
Consultant

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

Baxter Healthcare  
Consultant

**Smith, Lewis J.**

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

Merck Sharp & Dohme Corporation  
Data & Safety Monitoring Board

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

AstraZeneca Pharmaceuticals LP  
Respiratory Disease Young Investigators' Forum

**Solway, Julian**

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

AstraZeneca Pharmaceuticals LP  
Research Support

**Specks, Ulrich**

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

Genentech, Inc.  
Consultant

**Spira, Avrum**

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

Veracyte Inc.  
Consultant  
Stocks, Stock Options, or Other Equity Interests

**Starke, Jeffrey**

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

Otsuka Pharmaceutical Co., Ltd.  
Data & Safety Monitoring Board

**Stewart, Duncan J.**

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

Northern Therapeutics, United Therapeutics  
Stocks, Stock Options, or Other Equity Interests  
Company Owner or Board Member of this company  
Employee of this company  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Stoller, James K.**

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

Shire  
Consultant  
Advisory Committee

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

CSL Behring  
Research Support  
Advisory Committee

**Stoller, James K.**

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

Grifols, S.A.  
Consultant

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

Boehringer Ingelheim b.v.  
Advisory Committee

**Stoltz, David Anthony**

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

Exemplar Genetics  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Susanto, Irawan**

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

Cook Critical Care  
Speaker

**Sweet, Stuart**

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

Genentech, Inc.  
Research Support

**Tager, Andrew M.**

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

Biogen Inc.  
Research Support

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

InterMune, Inc.  
Research Support

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

Boehringer Ingelheim International GmbH  
Research Support

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

PharmAkea Therapeutics  
Advisory Committee

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

Blade Therapeutics  
Consultant

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

Pliant Therapeutics  
Advisory Committee

**Tal-Singer, Ruth**

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

GlaxoSmithKline, LLC.  
Employee of this company  
Stocks, Stock Options, or Other Equity Interests

**Tanner, Nichole T.**

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

Olympus Corporation  
Research Support  
Consultant

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

Cook Medical LLC  
Research Support  
Consultant

**Tapson, Victor F.**

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

Actelion Pharmaceuticals US, Inc.  
Advisory Committee  
Research Support  
Consultant

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

Bayer HealthCare Pharmaceuticals Inc.  
Data & Safety Monitoring Board  
Consultant

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

Arena  
Research Support

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

Reata  
Research Support  
Consultant

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

Gilead Sciences Inc  
Consultant

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

EKOS Corporation  
Consultant  
Speaker  
Research Support

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

Inari Medical  
Consultant  
Research Support

**Tapson, Victor F.**

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

Daiichi Sankyo Inc.  
Research Support

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

Janssen Pharmaceuticals, Inc  
Research Support  
Speaker  
Consultant  
Data & Safety Monitoring Board

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

Portola  
Research Support

**Thomashow, Byron**

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

Boehringer Ingelheim b.v.  
Consultant

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

AstraZeneca Pharmaceuticals LP  
Advisory Committee

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

GlaxoSmithKline, LLC.  
Advisory Committee

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

Novartis Pharma AG  
Advisory Committee

**Thompson, B. (Taylor) Taylor**

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

Alexion Pharmaceuticals, Inc.  
Consultant

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

Asehi Kasei Corporation  
Consultant

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

Boehringer Ingelheim b.v.  
Advisory Committee

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

DaVita  
Consultant

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

Ferring Labs  
Data & Safety Monitoring Board

**Thompson, B. (Taylor) Taylor**

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

GlaxoSmithKline, LLC.  
Advisory Committee

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

Ra Pharmaceuticals  
Consultant

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

Roche/Genentech  
Data & Safety Monitoring Board

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

Vertex Pharmaceuticals Incorporated  
Advisory Committee

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

Regeneron Pharmaceuticals, Inc.  
Advisory Committee

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

Farron  
Data & Safety Monitoring Board

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

UpToDate, Inc  
Royalties

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

Bayer HealthCare Pharmaceuticals Inc.  
Consultant

**Thompson, Ethan**

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

"Biomarkers for prospective determination of risk for development of active tuberculosis." International application number: PCT/IB2016/056737  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Tino, Gregory**

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

Bristol-Myers Squibb Company  
Consultant

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

Bayer HealthCare LLC  
Advisory Committee

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

COPD Foundation  
Research Support

**Tino, Gregory**

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

Aradigm  
Advisory Committee  
Consultant

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

Grifols Therapeutics Inc.  
Advisory Committee

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

Boehringer Ingelheim b.v.  
Advisory Committee

**Toll, Benjamin**

*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*

Litigation filed against the tobacco companies.  
Expert Testimony

**Tomic, Rade**

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

Boehringer Ingelheim b.v.  
Speaker  
Research Support  
Advisory Committee

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

Genentech, Inc.  
Advisory Committee  
Speaker

**Torres, Antonio**

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

Cretis  
Advisory Committee

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

Roche  
Advisory Committee

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

Janssen Pharmaceuticals, Inc  
Advisory Committee

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

Pfizer Inc.  
Speaker

**Torres, Antonio**

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

Bayer Inhale Global  
Advisory Committee

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

Motif Bio  
Advisory Committee

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

Paratek  
Advisory Committee

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

Arsanis  
Advisory Committee

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

AstraZeneca Pharmaceuticals LP  
Research Support  
Advisory Committee

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

GlaxoSmithKline, LLC.  
Speaker

**Vachani, Anil**

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

Veracyte Inc.  
Advisory Committee

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

Integrated Diagnostics  
Research Support

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

Viomics  
Research Support

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

Janssen Research and Development  
Research Support

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

MagArray, Inc.  
Research Support

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

Ford Motor Company and Honeywell International  
Expert Testimony

**Vakulin, Andrew**

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

Cooperative Research Centre (CRC) for Alertness, Safety and Productivity  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Van Rikxoort, Eva**

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

Thirona  
Stocks, Stock Options, or Other Equity Interests  
Company Owner or Board Member of this company  
Employee of this company

**Vanderveken, Olivier**

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

SomnoMed Inc  
Research Support

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

Inspire Medical Systems  
Research Support

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

Revent  
Research Support

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

Nyxoah  
Research Support

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

Nyxoah  
Consultant

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

Philips Electronics  
Consultant

**Vece, Timothy J.**

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

UpToDate, Inc  
Royalties

**Ventetuolo, Corey E.**

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

Actelion Pharmaceuticals US, Inc.  
Advisory Committee  
Research Support

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

Bayer HealthCare Pharmaceuticals Inc.  
Consultant

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

Maquet Cardiovascular  
Consultant

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

United Therapeutics Corporation  
Consultant

**Vercelli, Donata**

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

Johnson & Johnson Health Care Systems Inc.  
Research Support

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

OM Pharma  
Research Support

**Vieillard-Baron, Antoine**

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

GE Healthcare  
Speaker

**Vogelmeier, Claus**

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

Almirall  
Speaker  
Advisory Committee

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

AstraZeneca Pharmaceuticals LP  
Advisory Committee  
Speaker  
Research Support

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

Boehringer Ingelheim International GmbH  
Speaker  
Advisory Committee

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

Chiesi USA, Inc.  
Advisory Committee  
Speaker

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

Cipla  
Advisory Committee  
Speaker

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

GlaxoSmithKline, LLC.  
Advisory Committee  
Speaker  
Research Support

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

Grifols Biologicals, Inc.  
Speaker  
Research Support  
Consultant

**Vogelmeier, Claus**

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

Novartis Pharma AG  
Advisory Committee  
Speaker

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

Takeda Pharmaceutical Company, Limited  
Advisory Committee  
Speaker

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

Teva Pharmaceuticals USA, Inc.  
Speaker  
Advisory Committee

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

Mundipharma  
Speaker

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

Menarini  
Advisory Committee  
Speaker

**Vokes, Everett**

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

AbbVie, Inc.  
Advisory Committee

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

Amgen Inc.  
Advisory Committee

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

AstraZeneca Pharmaceuticals LP  
Advisory Committee

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

Bristol-Myers Squibb Company  
Advisory Committee

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

Boehringer Ingelheim b.v.  
Advisory Committee

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

Celgene Corporation  
Advisory Committee

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

Eli Lilly and Company  
Advisory Committee

**Vokes, Everett**

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

Genentech, Inc.  
Advisory Committee

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

Merck Sharp & Dohme Corporation  
Advisory Committee

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

Synta  
Advisory Committee

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

VentiRX  
Advisory Committee

**von Mutius, Erika**

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

ViforPharma  
Consultant

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

Novartis Pharma SAS  
Speaker  
Consultant

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

Astellas Pharma Europe Ltd.  
Speaker  
Consultant

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

OM Pharma  
Consultant  
Speaker

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

HAL Allergie GmbH  
Consultant  
Speaker

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

Mundipharma Deutschland GmbH & Co. KG  
Speaker  
Consultant

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

AbbVie Deutschland GmbH & Co. KG  
Consultant  
Speaker

**Walkey, Allan**

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

UpToDate, Inc  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Walsh, Simon**

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

Boehringer Ingelheim Limited  
Advisory Committee  
Speaker

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

Hoffmann-La Roche Limited  
Speaker

**Wang, Tisha**

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

Theravance Biopharma Inc.  
Advisory Committee

**Weaver, Terri E.**

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

Regent Medical  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

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

ImThera Medical Inc.  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

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

Philips Respironics, Inc.  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

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

Res Med Germany  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

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

Balance Therapeutics  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

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

Nyxoah  
Intellectual Property (e.g., a patent, copyrighted material, or other IP)

**Wechsler, Michael E.**

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

Teva Pharmaceuticals USA, Inc.  
Consultant

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

AstraZeneca Pharmaceuticals LP  
Consultant

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

BSCI  
Consultant

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

Novartis Pharma AG  
Consultant

*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*

Vectura  
Consultant

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

Sunovion  
Consultant

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

Regeneron Pharmaceuticals, Inc.  
Consultant

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

Ambit bioscience  
Consultant

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

Meda  
Consultant

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

Mylan Pharmaceuticals Inc.  
Consultant

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

Gliacure  
Consultant

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

TUNITAS  
Consultant

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

Genentech, Inc.  
Consultant

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

Theravance Biopharma Inc.  
Consultant

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

Neurotronic  
Consultant

**Wechsler, Michael E.**

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

Sentien  
Consultant

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

Amgen Inc.  
Consultant

**Wedzicha, Jadwiga A.**

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

Novartis Pharma AG  
Advisory Committee  
Speaker

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

Boehringer Ingelheim b.v.  
Advisory Committee  
Speaker

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

AstraZeneca Pharmaceuticals LP  
Speaker  
Advisory Committee

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

GlaxoSmithKline, LLC.  
Advisory Committee  
Research Support  
Speaker

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

Chiesi USA, Inc.  
Speaker

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

Johnson&Johnson  
Advisory Committee  
Research Support

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

Takeda Pharmaceutical Company, Limited  
Research Support

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

OM Pharma  
Research Support

**Wells, Athol U.**

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

InterMune, Inc.  
Speaker  
Consultant  
Advisory Committee

**Wells, Athol U.**

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

Boehringer Ingelheim b.v.  
Speaker  
Advisory Committee

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

Roche Health Solutions Inc.  
Advisory Committee  
Consultant  
Speaker

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

Bayer HealthCare Pharmaceuticals Inc.  
Advisory Committee  
Speaker

**Welte, Tobias**

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

Biotest Pharmaceuticals Corporation  
Advisory Committee  
Speaker

**White, David P.**

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

Philips Respironics, Inc.  
Consultant

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

Night Balance  
Consultant

**Wijsenbeek, Marlies**

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

Boehringer Ingelheim b.v.  
Advisory Committee  
Speaker

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

F. Hoffmann-La Roche AG  
Speaker  
Research Support  
Advisory Committee

**Wilkins, Martin R.**

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

Bayer HealthCare Pharmaceuticals Inc.  
Advisory Committee  
Speaker  
Data & Safety Monitoring Board

**Wilkins, Martin R.**

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

GlaxoSmithKline, LLC.  
Speaker  
Data & Safety Monitoring Board  
Advisory Committee

**Winthrop, Kevin L.**

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

Insmmed, Inc  
Research Support

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

Bayer HealthCare LLC  
Consultant

**Witek, Theodore J.**

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

Innoviva, Inc.  
Employee of this company

**Woodruff, Prescott G.**

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

Genentech, Inc.  
Research Support

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

AstraZeneca Pharmaceuticals LP  
Consultant

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

Roche Diagnostics Corporation  
Consultant

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

Novartis Pharma AG  
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*

Regeneron Pharmaceuticals, Inc.  
Advisory Committee

**Wunderink, Richard G.**

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

Pfizer Inc.  
Data & Safety Monitoring Board

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

Actelion Pharmaceuticals US, Inc.  
Consultant

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

Cepheid  
Advisory Committee

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

bioMerieux  
Consultant  
Research Support

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

Visterra  
Advisory Committee

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

The Medicines Company  
Consultant

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

Cempra  
Advisory Committee

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

Merck Sharp & Dohme Corporation  
Advisory Committee  
Research Support

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

Genentech, Inc.  
Consultant

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

GenMark Diagnostics, Inc.  
Advisory Committee

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

Arsanis  
Research Support  
Advisory Committee

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

Global Blood Therapeutics  
Consultant

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

Bayer HealthCare Pharmaceuticals Inc.  
Research Support  
Advisory Committee

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

Vertex Pharmaceuticals Incorporated  
Data & Safety Monitoring Board

**Wunderink, Richard G.**

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

Shionogi Inc  
Consultant  
Research Support

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

Nabriva  
Advisory Committee

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

Accelerate Diagnostics  
Advisory Committee

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

Polyphor  
Consultant

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

Inflarex  
Consultant

**Yunt, Zulma**

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

Boehringer Ingelheim b.v.  
Speaker

**Zamanian, Roham T.**

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

Selten  
Consultant  
Stocks, Stock Options, or Other Equity Interests

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

United Therapeutics Corporation  
Consultant  
Research Support

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

Bayer HealthCare Pharmaceuticals Inc.  
Consultant

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

Jump 1  
Consultant

2) NO RELEVANT COMMERCIAL INTERESTS REPORTED BY CME PLANNERS AND PRESENTERS

Aaron, Shawn D.

Antin-Ozerkis, Danielle E.

Abe, Kohtarō

Antkowiak, MaryEllen

Abman, Steven H.

Archer, Stephen L

Adams, Jon

Armanios, Mary

Adamson, Rosemary

Asosingh, Kewal

Adhikari, Neill

Athale, Janhavi

Agerstrand, Cara

Auger, William R.

Akpınar-Elci, Muge

Austin, Eric D.

Aksamit, Timothy R.

Baccarelli, Andrea

Al Baroudi, Sahar

Bade, Brett

Albelda, Steven M.

Badjatia, Neeraj

Alexis, Neil

Bailey, William C.

Aliberti, Stefano

Baker, Christopher

Allen, Gilman B.

Bakker, Jessie Patricia

Allen, Julian L.

Balaban, Robert

Almeida, Fernanda R.

Balachandran, Jay

Alsaad, Ali

Balch, William

Amaral, Andre C.

Baleeiro, Carlos

Anathy, Vikas

Ballinger, Megan Noelle

Anesi, George L.

Barbash, Ian

**Barkauskas, Christina Eleanor**

**Blasberg, Justin D.**

**Barnes, Peter J.**

**Boesch, Richard Paul**

**Barochia, Amisha V.**

**Bogaard, Harm Jan**

**Barreiro, Esther**

**Bogaert, Debby**

**Barsky, Emily**

**Boland, Elaine**

**Bayram, Hasan**

**Borok, Zea**

**Beck, James M.**

**Bors, Melinda**

**Beers, Michael F.**

**Bosco, Anthony**

**Beesley, Sarah J.**

**Bourbeau, Jean**

**Beiko, Tatsiana**

**Bourke, Jane E.**

**Beitler, Jeremy R.**

**Bowdish, Dawn**

**Belperio, John A.**

**Boyer, Debra**

**Benzo, Roberto**

**Boyne, Kathleen**

**Berra, Lorenzo**

**Brakke, Tara**

**Berry, Cristine E.**

**Brittain, Evan**

**Bhakta, Nirav R.**

**Broadus, V. Courtney**

**Bhargava, Sumit**

**Brodsky, Igor**

**Bhatia, Rajeev**

**Brooks Peterson, Melissa**

**Bhatt, Surya P.**

**Brooks, Dina**

**Bhattacharjee, Rakesh**

**Brower, Roy G.**

**Billings, Martha E.**

**Brown, Angel**

**Blank, Jim**

**Brown, Samuel M.**

**Browner, Carol**

**Celedon, Juan C.**

**Brozek, Jan L.**

**Chaddha, Udit**

**Bruehl, Matthew**

**Chalmers, James D.**

**Brummel, Nathan Edward**

**Chan, Stephen Y.**

**Bruzzo, Jean-Marie**

**Chandel, Navdeep S.**

**Budinger, G.R. Scott**

**Chang, Melisa**

**Buist, A. Sonia**

**Channick, Richard N.**

**Bull, Todd M.**

**Chapman, Harold A.**

**Burkart, Kristin M.**

**Chaput, Jean-Philippe**

**Bush, Andrew**

**Charoenpong, Prangthip**

**Busse, William W.**

**Chattopadhyay, Pratip K.**

**Butler, James P.**

**Chawes, Bo Lund**

**Byers, Derek**

**Chen, Maida L.**

**Cahill, Katherine**

**Chen, Rongchang**

**Cardenas-Garcia, Jose**

**Cheng, Guang-Shing**

**Carlos, William Graham**

**Chiarchiaro, Jared**

**Carlsten, Christopher**

**Chlan, Linda L.**

**Carno, Margaret Ann**

**Chmiel, James**

**Carson, Shannon S.**

**Choi, Augustine M.K.**

**Carter, E. Jane**

**Choi, Ji Yeon**

**Carvalho, Paula G.**

**Chung, Jonathan H.**

**Casey, Alicia M.H.**

**Clancy, John**

Clay, Alison S.

Curtis, J. Randall (Randy)

Clay, Ryan

Cuttica, Michael J.

Clougherty, Jane

Daines, Cori L.

Clouser, Ryan

Davidge, Sandra T.

Coligan, John

Davidson, Judy

Colin, Andrew

De Cruz, Sharon

Collins, Eileen G.

de Jesus Perez, Vinicio

Collins, Sarah

DeBoer, Emily

Connolly, Kerri

Dematte, Jane

Cooke, Colin R.

Demeyer, Heleen

Cool, Carlyne

Deshpande, Deepak A.

Cooper, J. Allen

Detsky, Michael

Cormier, Stephania

Dheda, Keertan U.J.

Coruh, Basak

Diaz-Gomez, Jose

Costa, Deena Kelly

Dickson, Robert Pickett

Cozier, Yvette

Dicpinigaitis, Peter V.

Criner, Gerard J.

Dinh, Vi Am

Crothers, Kristina A.

Disler, Rebecca

Crotty Alexander, Laura E.

Dodd, Kenneth

Crystal, Ronald G.

Dolinoy, Dana

Culver, Bruce H.

dos Santos, Claudia

Cummings, Kristin

Dosanjh, Amrita

Douglas, Ivor S.

Farber, Donna

Downey, Gregory P.

Farhat, Lara

Drake, Wonder

Farkas, Joshua David

Drazen, Jeffrey M.

Farver, Carol F.

Drent, Marjolein

Fathi, Joelle

Dubinett, Steven M.

Fauci, Anthony

Dulohery, Megan

Feemster, Laura Cecere

Dumonceaux, Curtis

Fennig, Kathleen

Duncan, Steven R.

Fernandez Perez, Evans

Duseja, Reena

Ferrante, Lauren

Dweik, Raed A.

Fessler, Henry E.

Eakin, Michelle N.

Fessler, Michael Brian

East, Susan

Files, Daniel Clark

Eber, Ernst

Fineman, Jeffrey R

Ehlenbach, William J.

Firth, Amy

Eickelberg, Oliver

Fitzgerald, J. Mark

Englert, Joshua

Flipse, Alex

Epelbaum, Oleg

Flynn, JoAnne L.

Erkman, Jessica

Fontanarosa, Phil B.

Esserman, Laura

Fontenot, Andrew P.

Eury, Charday

Ford, Dee W.

Farah, Claude S.

Forno, Erick

**Fowler, Robert**

**Golovyan, Dmitriy**

**Franssen, Frits**

**Gompelmann, Daniela**

**Fredberg, Jeffrey J.**

**Gong, Michelle Ng**

**Frye, Laura**

**Gonzalez, Anne Valerie**

**Fuster, Mark M.**

**Goodwin, Andrew J.**

**Gaffin, Jonathan**

**Goudie, Eric**

**Gagnadoux, Frederic**

**Govindan, Sushant**

**Gates, Khalilah L.**

**Gozal, David**

**Gehrman, Philip**

**Grecu, Loreta**

**Genta, Pedro**

**Greening, Neil James**

**Gerber, Anthony N.**

**Greenough, Anne**

**Gershengorn, Hayley Beth**

**Griffith, David E.**

**Gershon, Andrea S.**

**Grissom, Colin K.**

**Gibbons, Gary H.**

**Groeneveldt, Joanne**

**Gilpin, Sarah E.**

**Grude-Bracken, Nina**

**Glanville, Allan R.**

**Grunstein, Ronald**

**Glassberg, Marilyn**

**Grutters, Jan C.**

**Glenny, Robb W.**

**Guignabert, Christophe**

**Goldfarb, Samuel**

**Guilbert, Theresa W.**

**Goldin, Jonathan**

**Hage, Chadi A.**

**Goldklang, Monica Prasad**

**Hahn, Andrea**

**Goldstein, Roger S.**

**Halayko, Andrew J.**

Hales, Russell

Hoening, Melanie

Hall, Jesse B.

Hoffmann, Stephen P.

Hallstrand, Teal S.

Holland, Anne E.

Halpern, Scott D.

Holland, Steven

Hammond, Terese C.

Holtzman, Michael J.

Hanania, Nicola A.

Hope, Aluko A

Hansen-Flaschen, John H.

Hopkins, Ramona O.

Hardin, Charles Corey

Horani, Amjad

Harrison, Joanne

Hotchkiss, Richard

Hart, Diana E.

Hough, Catherine Lee

Hassoun, Paul M.

Houghton, A. McGarry

Haward, Marlyse F.

Houstras, Peter

Hayes, Margaret M.

Hsia, Connie C.W.

Henry, Sharon

Hua, May

Herold, Susanne

Huang, David T

Herridge, Margaret S.

Huang, Steven Kenneth

Hershey, Gurjit Khurana

Huang, Yvonne J.

Hibbert, Kathryn A.

Hubmayr, Rolf D.

Himes, Blanca E.

Hunter-Behrend, Michelle

Hinkle, Laura

Hussain, Omar

Hirshberg, Eliotte

Husta, Bryan

Ho, Lawrence

Hwang, Dennis

Hysinger, Erik B

Kantrow, Stephen P.

Hyzy, Robert C.

Kasahara, David

Iaccarino, Jonathan

Kasal, Jan

Imler, Jean-Luc

Kass, Daniel

Inoue, Yoshikazu

Kassutto, Stacey

Iwashyna, Theodore J.

Kathuria, Hasmeena

Jablonski, Renea

Kattan, Meyer

Jakobsen, Erik

Kavanagh, Brian P.

Jakubzick, Claudia

Kazachkov, Mikail

Jalou, Hasnaa E.

Kazerooni, Ella A.

James, W. Ennis

Keane, Joseph M.

Jamil, Shazia

Keens, Thomas G.

Jaspers, Ilona

Kerry, Vanessa Bradford

Jenkins, Christine R.

Ketai, Loren H.

Jetmalani, Kanika

Khatwa, Umakanth

Johnson, Cheilonda

Kicska, Gregory

Johnson, Kirk

Kier, Catherine

Joo, Min

Kimoff, John R.

Kadadah, Sulaiman

Kinsey, C.Matthew

Kahn, Jeremy M.

Kinsinger, Linda

Kaiser, William J.

Kitcharoensakkul, Maleewan

Kakkera, Krishna Siva Sai

Kleinpell, Ruth M.

Kliment, Corrine R

Kubes, Paul

Kline, Jeff

Kuebler, Wolfgang M.

Klinger, James R.

Kular, Harman

Knudsen, Nancy

Kundel, Vaishnavi

Kobzik, Lester

Kurland, Geoffrey

Koch, Carl D.

Lafyatis, Robert

Kodavanti, Urmila

Laing, Ingrid

Kohanski, Ronald

Lal, Charitharth Vivek

Kon, Samantha

Lanspa, Michael J.

Konigshoff, Melanie

Laumbach, Robert

Kory, Pierre D.

Lavigne, Gilles

Kotecha, Sailesh

Le Souef, Peter

Koth, Laura

Leclair, Timothy

Kotloff, Robert M.

Lee, Alison

Koumbourlis, Anastassios Constantin

Lee, Burton W.

Kovitz, Kevin L.

Lee, Jae Woo

Koziel, Henry

Lee, Joyce S.

Kramer-Golinkoff, Emily

Lee, Patty

Krishnan, Ramaswamy

Lehrer, Paul

Kritek, Patricia A.

Leibowitz, Akiva

Kross, Erin K.

Leighl, Natasha

Kruser, Jacqueline

Lentz, Christine

Leopold, Jane

Magder, Sheldon A.

Leung, Ann N.

Mageto, Yolanda N.

Lewinsohn, David M.

Maguire, Mark

Lewis, Gregory D.

Mahajan, Amit

Lewis, Katherine Ann

Maier, Lisa A.

Lewkowich, Ian P.

Majid, Adnan

Liberman, Moishe

Malhotra, Atul

Limper, Andrew Harold

Man, William

Lin, Cheng Tin

Mandel, Jess

Lin, Philana

Mandelaris, George A.

Lindell, Kathleen O.

Mangalmurti, Nilam S.

Liptzin, Deborah

Mann-Dosier, Laura Beth

LiPuma, John J.

Mansouri, Nahal

Liu, Vincent

Marcus, Carole L.

Lloyd, Clare M.

Marks, Guy B.

Llucia-Valldeperas, Aida

Marsteller, Jill

Lobue, Philip A.

Martin, Jennifer L.

Logan, Wells

Martinez, Carlos H.

Lowy, Douglas

Maskell, Nick A.

Lugogo, Njira

Massion, Pierre P.

Luks, Andrew M.

Mathews, Anne

Maddocks, Matthew

Mathews, Kusum Sara

Matura, Lea Ann

Miller, Claire

Mayer, Katrin

Miller, Karen S.

Mazurek, Jeremy Aryeh

Miller, Lisa A.

Mc Bride, Pat

Misharin, Alexander

McCarthy, Claire E.

Mishra, Eleanor

McCormack, Meredith C.

Mitchell, John D.

McGovern, Naomi

Mitchell, Kristina

McSparron, Jakob I.

Mizgerd, Joseph P.

Meek, Paula M.

Moghaddam, Seyed Javad

Mehta, Anuj B.

Mohabir, Paul

Mehta, Atul C.

Montesi, Sydney

Mehta, Cyrus

Mookherjee, Neeloffer

Meiners, Silke

Moore, Bethany B.

Mendola, Pauline

Moore, Paul E.

Merrick, Christopher

Mora, Ana L.

Metz, James

Morrisset, Julie

Meyers, Deborah A.

Morris, Alison M.

Michaud, Gaetane C.

Morris, Amy E.

Mikita, Jeffrey

Morrisey, Edward E.

Mikkelsen, Mark E.

Morrison, Lake D

Miles, Matthew Charles

Mortimer, Kevin

Milic, Michelle M.

Moss, Marc

Mottram, Carl D.

Nusrat, Roomi

Mudd, Lanay M.

Nyenhuis, Sharmilee

Mularski, Richard A.

O'Donnell, Max

Murphy, Susan

Odunusi, Oluwole

Myers, Jeffrey L.

Oermann, Christopher

Nadeau, Kari C.

Ogunlesi, Folasade

Naeije, Robert

Oh, Scott

Nakshatri, Hariskrishna

Olschewski, Andrea

Nana-Sinkam, Patrick

Orandi, Amir B.

Narang, Indra

Ortega, Victor

Nardell, Edward A.

Osborne, Molly L.

Needham, Dale M.

Pack, Allan I.

Needleman, Joshua P.

Pannu, Sonal

Neptune, Enid R.

Papali, Alfred

Ng, Grace

Papantonakis, Christina

Nganda, Malea Motto

Pardo, Annie

Nguyen, Huong Q.

Park, Jin-Ah

Nguyen, Julien

Parke, Rachael

Nguyen, Quyen

Parra, Andrea

Nicod, Laurent Pierre

Parsons, Elizabeth

Nicolacakis, Kathrin

Patel, Sarah

Novitch, Richard S.

Patil, Susheel P.

Patterson, Karen C.

Prekker, Matthew E.

Peebles, Ray Stokes

Press, Valerie G.

Perez, Geovanny Francsico

Price, Leshawndra

Perez-Losada, Marcos

Price, Susanna

Peters, Annette

Prince, Alice S.

Petersson, Johan

Prisk, G. Kim

Phillips, Barbara A.

Pronovost, Peter

Phinizy, Pelton

Puchalski, Jonathan

Phipatanakul, Wanda

Quinn, Steven J

Piantadosi, Claude A.

Quint, Jennifer Kathleen

Piccione, Joseph

Quinton, Lee J.

Pijnenburg, Marielle

Qureshi, Salman T.

Pittman, Jessica

Rabe, Klaus F.

Pittman, Joel

Rabinovitch, Marlene

Podolanczuk, Anna J

Ramirez-Venegas, Alejandra

Poor, Hooman

Ramsey, Bonnie W.

Possick, Jennifer D.

Rana, Amer A.

Poston, Jason T.

Ranganathan, Sarath C.

Powell-Wiley, Tiffany M.

Rapoport, Lisa

Pradhan, Deepak

Rappaport, Stephen M.

Prasad, Bharati

Redding, Gregory J.

Preciado, Diego

Redente, Elizabeth F.

Redlich, Carrie A.

Rounds, Sharon I.S.

Reilly, John J.

Rowan, Kathryn

Remick, Daniel

Rubinfeld, Gordon D.

Ren, Clement L.

Saglani, Sejal

Restrepo, Marcos I.

Sala, Marc

Rettig, Jordan

Salisbury, Margaret

Rice, Mary Berlik

Salvi, Sundeep S.

Richards, Jeremy B.

Sarnoff Lee, Barbara

Rivera, M. Patricia

Sathyaprasad, Apeksha

Rivera-Lebron, Belinda Natalia

Sauler, Maor

Rivers, Emanuel

Savai, Rajkumar

Riviello, Elisabeth Dianne

Schachter, E. Neil

Roberts, David H.

Schaefer-Prokop, Cornelia

Robitaille, Catherine

Scheraga, Rachel Greenberg

Rogers, Angela

Schneider, Daniel Joseph

Rojas, Mauricio

Schwab, Richard J.

Rosas-Salazar, Christian

Schwartz, Joel

Rose, Cecile S.

Schwartzstein, Richard

Rosen, Rachel L.

Schwarz, Marvin I.

Rosenfeld, Margaret

Seaburg, Luke

Ross, Kristie

Seam, Nitin

Rossiter, Harry B.

Seaman, Jennifer B.

Segal, Leopoldo

Singh, Meenu

Sellares, Jacobo

Sipp, Douglas

Selman, Moises

Sjoding, Michael William

Semenza, Gregg

Skloot, Gwen S.

Sermet-Gaudelus, Isabelle

Slatore, Christopher G.

Seymour, Christopher W.

Snelgrove, Robert

Shaffer, Thomas H.

Snyder, Laurie D.

Shaman, Ziad

Soares, Miguel

Shankardass, Ketan

Soffler, Morgan

Sharma, Deepankar

Soler, Xavier

Sharma, Rahul

Sontake, Vishwaraj

Sharma, Vijai

Sood, Akshay

Shashaty, Michael G.S.

Sosnay, Patrick

Sheares, Beverley J.

Southern, Brian D.

Shepherd, Edward G.

Spence, Jason

Shojaee, Samira

Spencer, Chantal

Shrivastava, Deepak

Sperling, Anne I.

Shure, Deborah

Spiekerkoetter, Edda F.

Siika, Wangari

Spindel, Eliot R.

Silvestri, Gerard A.

Spruit, Martijn A.

Simoneau, Tregony

Stampfli, Martin R.

Singer, Lianne G.

Stansbury, Robert Callaway

**Stapleton, Renee D.**

**Tighe, Robert M.**

**Stenmark, Kurt R.**

**To, Teresa**

**Stephens, R. Scott**

**Tobin, David**

**Stevens, Jennifer**

**Todd, Jamie L**

**Stevens, Troy**

**Tonelli, Adriano**

**Stick, Stephen**

**Torabi-Parizi, Parizad**

**Stickland, Michael K.**

**Townsend, Mary C.**

**Stillwell, Paul C.**

**Tran, Bichu-Chieu**

**Stirling, Robert**

**Trisolini, Rocco**

**Stojic, Mary**

**Troosters, Thierry**

**Stokes, Dennis C.**

**Truwit, Jonathon D.**

**Stone, Emily CA**

**Tschumperlin, Daniel J.**

**Subramanian, Ram**

**Tsuang, Wayne M.**

**Sundar, Isaac Kirubakaran**

**Ubags, Niki**

**Sznajder, Jacob I.**

**van der Aalst, Carlijn**

**Tanoue, Lynn T.**

**van der Poll, Thomas**

**Tasali, Esra F.**

**Vanfleteren, Lowie**

**Tate, Judith A.**

**Varelas, Xaralabos (Bob)**

**Teo, Elrond**

**Vasakova, Martina**

**Thamrin, Cindy**

**Verhoef, Philip A.**

**Thannickal, Victor J.**

**Vicencio, Alfin G.**

**Thurston, George D.**

**Viglianti, Elizabeth Marie**

Vlahos, Ross

Wilkinson, Robert

Von Visger, Tania T.

Williams, Natasha

Wan, Emily S.

Wilson, Andrew A.

Wang, Angela C.

Wilson, Kevin C.

Wang, Wayne

Winkler, Tilo

Ward, Sally L.D.

Wise, Robert A.

Warden, Christa

Wolfe, Lisa F.

Waterer, Grant W.

Wood, Robert E.

Weinacker, Ann

Wright, Rosalind J.

Weiner, Daniel J.

Wu, Carol C.

Weiss, Curtis

Wunsch, Hannah

Welsh, Carolyn H.

Wurfel, Mark M.

Welsh, Michael

Wynn, Thomas

Welsh, Sebastian

Yan, Wei

West, James D.

Yang, Ivana Verona

Wheelock, Asa M.

Yende, Sachin

Wheelock, Craig E.

Yildirim, Ali Oender

White, Douglas B.

Yohannes, Abebaw Mengistu

White, Eric S.

Yu, Yen Rei

Whitehouse, Senator Sheldon

Yusen, Roger J.

Wiener, Renda Soylemez

Zarychanski, Ryan

Wilcox, Alison G.

Zaza, Jihane

**Zemanick, Edith T.**

**Ziegler, Steven F.**

**Zieman, Susan**