

2021 Multidisciplinary Thoracic Cancers Symposium · Presenters' Disclosure of Relationships

The American Society for Radiation Oncology (ASTRO) is an Accreditation Council for Continuing Medical Education (ACCME)-accredited CME provider and complies with the ACCME Standards for Commercial Support. In accordance with these Standards, the ASTRO Conflict of Interest Policy and the Council for Medical Specialty Societies' Code for Interactions with Companies, ASTRO is disclosing here the relationships between faculty of the 2021 Multidisciplinary Thoracic Cancers Symposium and other entities related to oncology or radiation therapy.

Explanatory notes:

- ASTRO uses the information disclosed to identify and manage any potential conflicts of interest that may arise in carrying out the responsibilities of the committees.
- Committee members disclose their own relationships and those of their immediate family members.
- There is no "minimum value" threshold for disclosure.
- Disclosure time period covers relationships held or payments received during the year leading up to the disclosure.
- The disclosure information is relevant only to the planning of the 2021 Multidisciplinary Thoracic Cancers Symposium and should be considered out of date after this time.
- This information may be different from disclosure information provided in other contexts by the committee members because of variation in disclosure requests for these other purposes.

Employment = positions held at the time of disclosure. These include both full- and part-time relationships, whether compensated or uncompensated.

Compensation/Remuneration/Funding = includes consultant/advisory roles, honoraria, research funding, travel expenses, in-kind donation, etc. If a committee member receives an honorarium and donates it to charity, the honorarium is disclosed. If a committee member declines an honorarium and it is paid directly to charity, the honorarium is not included. Honoraria from accredited CME providers are not included.

Ownership or Investment Interests = includes stock, stock options, partnership, royalties, or patents. Stocks in mutual funds, blind trusts or other holdings that are not controlled by the individual or an immediate family member are not included.

Leadership Positions = positions held in other organizations or entities.

The ASTRO Conflict of Interest Policies are available at <http://www.astro.org/coipolicies>. Please direct any questions to non.ichinkhorloo@astro.org.

2021 Multidisciplinary Thoracic Cancers Symposium - Presenter COI

Member	Employment	Compensation / Remuneration / Funding	Ownership or Investment Interests	Leadership Positions
Steven Allen, MD, PhD	University of Michigan Mott Children's Hospital: Clinical Assistant Professor: Employee	None	None	None
Mara Antonoff, MD, FACS	University of Texas MD Anderson Cancer Center	None	None	None

2021 Multidisciplinary Thoracic Cancers Symposium - Presenter COI

Member	Employment	Compensation / Remuneration / Funding	Ownership or Investment Interests	Leadership Positions
Douglas Arenberg, MD	University of Michigan Medical School: Professor of Medicine	None	None	American College of Chest Physicians: member of Board of Regents CHEST: Associate Editor: editorial oversight
Christine Bestvina, MD	University of Chicago Medical Center	AbbVie: Advisory Board AstraZeneca: Advisory Board Genentech: Advisory Board Jansen: Advisory Board Pfizer: Advisory Board Seattle Genetics: Advisory Board Takeda: Advisory Board	None	None
Jeffrey Bradley, MD, FASTRO	Emory University School of Medicine: Professor	Genentech, Inc: Advisory Board, Honoraria Mevion Medical Systems: Advisory Board, Honoraria Varian Medical Systems, Inc: Consultant	None	American College of Radiology: Lung Cancer Committee Chair American Radium Society Executive Committee: member
Erica Braschi, BS	Department of Radiation Oncology, University of Florida College of Medicine	None	None	None
Jeremy Brownstein, MD, MS	The Ohio State University	None	None	None

2021 Multidisciplinary Thoracic Cancers Symposium - Presenter COI

Member	Employment	Compensation / Remuneration / Funding	Ownership or Investment Interests	Leadership Positions
<p>David Carbone, MD, PhD</p>	<p>The Ohio State University Comprehensive Cancer Ctr: Professor of Medicine</p>	<p>Amgen: Consultant AstraZeneca: Advisory Board, Honoraria, Travel Expenses Boehringer-Ingelheim: Consultant Bristol Myers Squibb Japan: Consultant Bristol Myers-Squibb: Advisory Board, Research Grants, Travel Expenses Daiichi Sankyo: Advisory Board Eisai: Advisory Board EMD Serono: Advisory Board, Travel Expenses Flame Biosciences: Advisory Board Genentech/Roche: Advisory Board, Travel Expenses Glaxo Smith Kline: Advisory Board, Consultant Gritstone Oncology: Advisory Board Intellisphere (GI Therapeutics): Consultant Janssen: Advisory Board, Travel Expenses Johnson & Johnson: Consultant Merck: Advisory Board, Travel Expenses Mirati Therapeutics: Consultant Novartis: Consultant, Travel Expenses Novocure: Consultant OncoCyte: Consultant Oncohost: Consultant Roche China: Consultant Sanofi: Advisory Board Seattle Genetics: Advisory Board, Consultant</p>	<p>None</p>	<p>The Ohio State University Comprehensive Cancer Ctr: Director</p>
<p>Fumiko Chino, MD</p>	<p>Memorial Sloan Kettering Cancer Center: Assistant Attending</p>	<p>None</p>	<p>None</p>	<p>None</p>

2021 Multidisciplinary Thoracic Cancers Symposium - Presenter COI

Member	Employment	Compensation / Remuneration / Funding	Ownership or Investment Interests	Leadership Positions
Wally Curran Jr., MD, FACR, FASCO	GenesisCare	None	None	None
Megan Daly, MD	University of California Davis: Associate Professor	Boston Scientific: Advisory Board Department of Defense: Research Grants EMD Serono: Research Grants (Relationship ended 12/31/2020) Genentech: Research Grants Merck: Research Grants NIH: Research Grants	None	IJOBP: Associate Editor Practical Radiation Oncology: Executive Editor (Relationship ended 10/12/2020) Seminars in Oncology: Editorial Board Member
Maximilian Diehn, MD, PhD	Stanford University: Associate Professor	AstraZeneca: Consultant BioNTech: Consultant (Relationship ended 6/30/2020) Boehringer Ingelheim: Consultant Genentech: Consultant Gritstone: Advisory Board Illumina: Advisory Board (Relationship ended 12/23/2020) Novartis: Advisory Board	CiberMed: Stock Foresight Diagnostics: Stock	Foresight Diagnostics: Board of Directors (uncompensated)
Jessica Donington, MD, MSCR	University of Chicago	AstraZeneca: Honoraria BMS: Honoraria Roche/Genentech: Advisory Board	None	None
Narjust Duma, MD	Dana-Farber Cancer Institute	AstraZeneca: Advisory Board BI: Advisory Board BMS: Advisory Board Janssen: Advisory Board Neogenomics: Honoraria Pfizer: Advisory Board	None	None

2021 Multidisciplinary Thoracic Cancers Symposium - Presenter COI

Member	Employment	Compensation / Remuneration / Funding	Ownership or Investment Interests	Leadership Positions
Mirek Fatyga, PhD	Department of Radiation Oncology, Mayo Clinic Arizona	None	None	None
Mark K. Ferguson, MD	University of Chicago: Physician	None	Elsevier: Royalties Springer: Royalties	ISDE: Executive Director
Patrick Forde, M.B.B.Ch.	Johns Hopkins Medical Center	Amgen: Consultant AstraZeneca: Consultant, Research Grants BMS: Consultant, Research Grants Daichii: Consultant Iteos: Consultant Janssen: Consultant Mirati: Consultant Novartis: Consultant, Research Grants Regeneron: Research Grants Sanofi: Consultant	None	None
Shirish Gadgeel, MD	Henry Ford Medical System	AstraZeneca: Honoraria Genetech/Roche: Consultant Pfizer: Consultant	None	None

2021 Multidisciplinary Thoracic Cancers Symposium - Presenter COI

Member	Employment	Compensation / Remuneration / Funding	Ownership or Investment Interests	Leadership Positions
<p>Marina Garassino, MD</p>	<p>University of Chicago: Professor</p>	<p>AstraZeneca: Advisory Board, Honoraria, Research Grants, Travel Expenses AstraZeneca/Medimmune: Honoraria, Research Grants Bayer: Advisory Board, Research Grants Blueprint Medicines: Advisory Board Bristol Myers Squibb: Research Grants Celgene: Research Grants Daiichi Sankyo: Advisory Board, Research Grants Eli Lilly: Advisory Board, Research Grants Exelixis: Research Grants GlaxoSmithKline: Advisory Board, Honoraria: Research Grants Incyte: Advisory Board, Research Grants Ipsen Bioscience Inc.: Research Grants Janssen: Advisory Board, Research Grants Medimmune: Research Grants Medscape: Honorarium Merck: Research Grants Mirati Therapeutics Inc: Advisory Board MSD Oncology: Advisory Board, Honoraria, Research Grants, Speaker's Bureau Novartis: Research Grants Otsuka Pharmaceutical Italy: Research Grants Pfizer: Advisory Board, Honoraria, Research Grants, Travel Expenses Regeneron: Advisory Board Roche: Honoraria, Research Grants, Speaker's Bureau, Travel Expenses S.O.S. S.r.l.: Honoraria Sanofi: Advisory Board, Research Grants Seattle Genetics: Advisory Board Spectrum Pharmaceuticals: Research Grants Takeda: Advisory Board, Honoraria, Research Grants Turning Point Therapeutics: Research Grants WebMD: Honoraria</p>	<p>None</p>	<p>None</p>

2021 Multidisciplinary Thoracic Cancers Symposium - Presenter COI

Member	Employment	Compensation / Remuneration / Funding	Ownership or Investment Interests	Leadership Positions
Vinai Gondi, MD	Radiation Oncology Consultants, Ltd.: Physician	Novocure: Unpaid advisor to clinical trial RaySearch: Honoraria (Relationship ended) UpToDate: Honoraria	Radiation Oncology Consultants, Ltd.: Partnership	NRG Oncology: NRG CC001, NRG CC003 and NRGBN001: Co-Principal Investigator
Brendan Heiden, MD, MPHS	Division of Cardiothoracic Surgery, Department of Surgery, Washington University School of Medicine, St. Louis, MO	None	None	None
Claudia Henschke, MD, PhD	Icahn School of Medicine at Mount Sinai: Professor: Employee Phoenix Veterans Healthcare Administration: Radiologist: Employee	None	None	Early Diagnosis and Treatment Research Foundation: President
Kristin Higgins, MD	Emory University: Employer	AstraZeneca: Consultant Genetech: Advisory Board (Relationship ended) Precisca: Consultant RefleXion Medical: Research Grants Varian: Consultant (Relationship ended)	None	NRG Oncology: Board of Directors
Puneeth Iyengar, MD, PhD	UT Southwestern Medical Center: Assistant Professor	AstraZeneca: Research, Advisory Board (Relationship ended 12/09/2020) NCI: Research Grants	None	None
Salma Jabbour, MD	Rutgers University: Professor	IMX Medical: Consultant Merck: Consultant, Research Grants Syntactx: Consultant	None	ARS AUC-ACR, AUC-ACR GI Committee Guidelines Chair Big Ten Cancer Research Consortium: Steering Committee Member and GI Co-Chair NCI Radiation Research Program: Upper GI Working Group Co-Chair

2021 Multidisciplinary Thoracic Cancers Symposium - Presenter COI

Member	Employment	Compensation / Remuneration / Funding	Ownership or Investment Interests	Leadership Positions
Gregory Kalemkerian, MD	University of Michigan: Employee	BVD: Consultant Infinity: Consultant Boston Biomed: Consultant Skyline: Consultant Synlogic: Consultant Merck: Research Grants Takeda: Research Grants Abbvie: Research Grants Blueprint: Research Grants Daiichi-Sankyo: Research Grants Cullinan: Research Grants Takeda: Advisory Board Unum: Advisory Board	None	None
Sharyn Katz, MD, MTR	University of Pennsylvania	Trizell LTD: Consultant (Relationship ended in 2019)	None	American College of Radiology: Committee Chair-Chair of the committee for development of an ACR registry for COVID-19 patient data
Jennifer King, PhD	Go2 Foundation for Lung Cancer	Boehringer Ingelheim: Advisory Board (Relationship ended 02/21/2021) Bristol Myers Squibb: Research Grants Genentech: Research Grants Guardant: Advisory Board (Relationship ended 09/30/2020)	None	None
Ara Klijian, MD	Sharp & Scripps Hospital Systems	None	None	None
Xiuning Le, MD	The University of Texas MD Anderson Cancer Center	AstraZeneca: Consultant Boehringer Ingelheim: Research Grants Daiichi Sankyo: Consultant Eli Lilly: Consultant: Research Grants EMD Serono: Consultant Hengrui Therapeutics: Consultant Novartis: Consultant	None	None

2021 Multidisciplinary Thoracic Cancers Symposium - Presenter COI

Member	Employment	Compensation / Remuneration / Funding	Ownership or Investment Interests	Leadership Positions
<p>Ticiana A. Leal, MD</p>	<p>University of Wisconsin: Associate Professor of Medicine, Thoracic Oncology Program Director</p>	<p>AstraZeneca: Advisory Board, Consultant (Relationship ended 10/7/2020) Bayer: Advisory Board (Relationship ended 12/3/2020) Blueprint: Advisory Board (Relationship ended 8/26/2020) Boehringer-Ingelheim: Advisory Board. Consultant (Relationship ended 1/22/2021) Daiichi-Sankyo: Consultant (Relationship ended 9/30/2020) EMD Serono: Advisory Board (Relationship ended 6/12/2020) Genentech: Consultant (Relationship ended 12/14/2020) Janssen: Advisory Board (Relationship ended 2/24/2021) Jazz Pharmaceuticals: Advisory Board, Consultant (Relationship ended 2/10/2021) Lilly: Consultant (Relationship ended 1/25/2021) Merck: Advisory Board (Relationship ended 9/24/2020) Mirati: Advisory Board (Relationship ended 4/5/2021) Novocure: Consultant (Relationship ended) Takeda: Advisory Board (Relationship ended)</p>	<p>None</p>	<p>None</p>

2021 Multidisciplinary Thoracic Cancers Symposium - Presenter COI

Member	Employment	Compensation / Remuneration / Funding	Ownership or Investment Interests	Leadership Positions
Percy Lee, MD	University of Texas MD Anderson Cancer Center: Professor and Section Chief of Thoracic Radiation Oncology	Viewray: Research Grants, Honoraria, Consultant, Travel Expenses Varian Inc.: Research Grants, Honoraria, Consultant, Travel Expenses AstraZeneca, Inc: Research Grants, Honoraria, Speakers Bureau, Advisory Board Genentech: Advisory Board	None	AAPM: AAPM HYTEC Thoracic TCP Sub-committee Co-chair
Shirley Lewis, MD, BNB, FRCR	Department of Radiation Oncology, University of Toronto	None	None	None
Katie Lichter, MD	University of California: Resident Physician	None	None	None
Arian Mansur, BA	Massachusetts General Hospital	None	None	None
Linda Williams Martin, MD, MPH	University of Virginia Health Systems	AstraZeneca: Advisory Board Pacira Pharmaceuticals: Advisory Board On Target Laboratories: Other: Steering Committee for ELUCIDATE trial (OTL 38)	None	Alliance: Thoracic Surgery Committee Vice Chair Alliance Foundation: Principal Investigator
Pranshu Mohindra, MD, MBBS	University of Maryland School of Medicine: Assoc. Professor: Employee	None	None	Alliance for Clinical Trials in Oncology: Board and Executive Committee member American Brachytherapy Society: Vice-Chair International Committee: Uncompensated American College of Radiology: Panel Chair-Thoracic Section Ulman Foundation: Board of Director
Keith Naunheim, MD	St. Louis University: Professor	None	None	Society of Thoracic Surgeons PAC: Chair, board of directors (uncompensated)

2021 Multidisciplinary Thoracic Cancers Symposium - Presenter COI

Member	Employment	Compensation / Remuneration / Funding	Ownership or Investment Interests	Leadership Positions
Joel Neal, MD, PhD	Stanford University: Associate Professor of Medicine,	<p> AbbVie: Research Grants Adaptimmune: Research Grants Amgen: Advisory Board AstraZeneca: Advisory Board Biomedical Learning Institute CME: Honoraria Blueprint Pharmaceuticals: Advisory Board Boehringer Ingelheim: Research Grants Calithera Biosciences: Advisory Board Clinical Care Options CME: Honoraria CME Matters: Honoraria Eli Lilly and Company: Advisory Board Exelixis: Advisory Board, Research Grants Genentech/Roche: Advisory Board, Research Grants GSK: Research Grants Iovance Biotherapeutics: Speaker's Bureau Janssen: Research Grants Jounce Therapeutics: Advisory Board Medscape CME: Honoraria Merck: Research Grants MJH Life Sciences CME: Honoraria MLI Peerview CME: Honoraria Natera: Advisory Board Nektar Therapeutics: Research Grants Novartis: Research Grants Prime Oncology CME: Honoraria Projects in Knowledge CME: Honoraria Regeneron Pharmaceuticals: Advisory Board Research to Practice CME: Honoraria Rockpointe CME: Honoraria Takeda Pharmaceuticals: Advisory Board, Research Grants </p>	Up to Date: Royalty	<p> ECOG-ACRIN: Lung-MAP Medical Oncology Chair, Southwest Oncology Group (SWOG): Lung cancer, Thoracic Core Committee: IASLC: CME Committee Member, Educational Committee Member: National Comprehensive Cancer Network (NCCN): IT Oncology Advisory Committee Member </p>

2021 Multidisciplinary Thoracic Cancers Symposium - Presenter COI

Member	Employment	Compensation / Remuneration / Funding	Ownership or Investment Interests	Leadership Positions
Joshua Palmer, MD, PhD	Ohio State University: Associate Professor: Employee	Depuy Synthes: Speaker's Bureau (Relationship ended 11/20/2019) Huron Consulting: Consultant (Relationship ended 02/20/2020) Novocure: Advisory Board (Relationship ended 12/18/2021) The Kroger Company: Research Grants Varian Medical Systems: Research Grants: Speaker's Bureau	None	NCCN: Pediatric CNS Tumors Panel: Member of panel (Relationship ended 12/17/2020)
Sandip Patel, MD	UC San Diego	Amgen: Advisory Board, Reserach Grants AstraZeneca: Advisory Board AstraZeneca/Medimune: Research Grants Bristol-Myers Squibb: Advisory Board, Research Grants Certis: Advisory Board Eli Lilly: Advisory Board, Research Grants Genentech/Roche: Advisory Board, Research Grants Illumina: Advisory Board Merck: Advisory Board, Research Grants Pfizer: Advisory Board, Research Grants Rakuten: Advisory Board Tempus: Advisory Board Fate Therapeutics: Research Grants Genocea: Research Grants Iovance: Research Grants	None	None
Carolyn Presley, MD	The Ohio State University James Cancer Center	None	None	None

2021 Multidisciplinary Thoracic Cancers Symposium - Presenter COI

Member	Employment	Compensation / Remuneration / Funding	Ownership or Investment Interests	Leadership Positions
Julia Rotow, MD	Dana-Farber Cancer Institute	AbbVie: Consultant (Relationship ended 05/24/2021) AstraZeneca: Consultant Chiatai Tianqing: Honoraria (Relationship ended 08/07/2021) Grtistone: Consultant (Relationship ended 07/22/2021) Janssen: Honoraria (Relationship ended 07/24/2021) Lilly: Consultant Merck: Honoraria (Relationship ended 07/24/2021) Pfizer: Honoraria (Relationship ended 05/21/2021) Regeneron: Honoraria Sanofi Genzyme: Consultant Takeda: Honoraria (Relationship ended 12/09/2019)	None	None
Pamela Samson, MD, MPH	Washington University in St. Louis: Physician	None	None	None
Kurt A. Schalper, MD, PhD	Yale University: Assistant Professor	Clinica Alemana Santiago: Consultant Shattuck Labs: Consultant, Advisory Board EMD Serono: Advisory Board Agenus: Advisory Board Genoptix/Navigate (Novartis): Research Grants Tesaro/GSK: Research Grants Surface Oncology: Research Grants Merck: Research Grants Bristol-Myers Squibb: Research Grants Eli Lilly: Research Grants Ribon Therapeutics: Research Grants PeerView: Speaker's Bureau Genmab: Speaker's Bureau Genentech: Research Grants AstraZeneca: Research Grants	None	None
Vickie R. Shannon, MD	MD Anderson Cancer Center	None	None	None

2021 Multidisciplinary Thoracic Cancers Symposium - Presenter COI

Member	Employment	Compensation / Remuneration / Funding	Ownership or Investment Interests	Leadership Positions
Lynette Sholl, MD	Brigham and Women's Hospital	Genentech: Consultant, Research Grants GV20 Therapeutics: Consultant Lilly: Consultant	None	College of American Pathologists: Co-chair, PD-L1 guideline committees, committee lead/lead author on PD-L1 testing guideline Pulmonary Pathology Society: Treasurer
Catherine Shu, MD	Columbia University Irving Medical Center	AstraZeneca: Advisory Board (Relationship ended) Genentech: Advisory Board (Relationship ended) Genentech: Consultant (Relationship ended 11/06/2021) Janssen: Advisory Board (Relationship ended) Mirati: Advisory Board (Relationship ended)	None	None
Noreen Siddiqi, MS	Boston Medical Center, Boston University School of Medicine	None	None	None
Umayal Sivagnalingam, BS, MS	University of Pittsburgh School of Medicine	None	None	None
Brendon Stiles, MD	Montefiore Health System	AstraZeneca: Consultant Bristol Myers Squibb: Advisory Board (Relationship ended) Bristol Myers Squibb: Research Grants Flame Therapeutics: Consultant Gala/Galvanize Therapeutics: Consultant Genentech: Advisory Board (Relationship ended) Pfizer: Consultant	None	AATS Foundation Advisory Council: Vice Chair, Member Lung Cancer Research Foundation: Board Chair
Thomas Stinchcombe, MD	Duke Cancer Care	Takeda: Advisory Board AstraZeneca: Advisory Board Genentech/Roche: Advisory Board Foundation Medicine: Advisory Board Pfizer: Advisory Board EMD Serono: Advisory Board Novartis: Advisory Board Daiichi Sankyo: Advisory Board Lilly: Advisory Board Medtronic: Advisory Board Puma Biotechnology: Advisory Board Janssen Oncology: Advisory Board	None	None

		Regeneron: Research Grants, Advisory Board Genentech/Roche: Research Grants Takeda: Research Grants Advaxis: Research Grantsx		
Elliott Wakeam, MD	University of Michigan	None	None	None
Howard (Jack) West, MD	City of Hope Medical Center	Amgen: Advisory Board Astrazeneca: Consultant, Speaker's Bureau Eli Lilly: Consultant Genentech/Roche: Consultant, Speaker's Bureau; Merck: Advisory Board, Consultant Mirati: Consultant	None	None
Sue Yom, MD, PhD	University of California	Genentech: Research Grants ASTRO: Honorarium Up to Date: Other: Chapter royalty Merck: Research Grants Bristol-Myers Squibb: Research Grants Springer: Other: Book royalty BioMimetix: Research Grants	None	ASTRO: Deputy Editor American Radium Society: President National Cancer Institute: Head and Neck Steering Committee Co-chair