

1072P Beyond classical surrogate endpoints in trials of PD1/PD-L1 immune checkpoint inhibitors (ICI) plus chemotherapy (CT)

G. Villacampa Javierre, C. Viaplana, R. Dienstmann

Oncology Data Science, Vall d'Hebron Institute of Oncology (VHIO), Barcelona, Spain

Background: Several studies showed the inaccuracy of classical surrogate endpoints, such as progression-free survival (PFS) and objective response rate (ORR), in predicting overall survival (OS) in trials of ICI. Patients that respond to immunotherapy have longer median duration of response (mDR) than those that achieve an ORR with standard CT. We aimed to explore the validity of new surrogate endpoints that take into account ORR and mDR in the context of combination ICI trials.

Methods: Systematic review of randomized controlled trials (RCT) investigating anti-PD1/PD-L1 drugs plus CT versus CT alone (published until May 2020). We performed both (i) arm-level analysis to evaluate median overall survival (mOS) predictors; and (ii) comparison-level analysis for OS hazard ratio (HR). Linear regression models weighted by trial size were fitted and adjusted R^2 was used to quantify OS prediction.

Results: A total of 11 RCT involving 6,675 patients met the inclusion criteria (5 non-small cell lung, 2 small-cell lung, and one bladder, breast, gastric and head & neck cancer each). All RCT were conducted in first-line setting, 55% with anti-PD-L1 and 45% with anti-PD1 combinations. mOS ranged from 10 to 25 months across trials and HR for OS ranged from 0.49 to 0.85. In the arm-level analysis, the best mOS prediction was obtained with a new endpoint that combines ORR and mDR (mDORR = ORR*mDR), with an adjusted $R^2 = 0.71$ (Table). In the comparison-level analysis, the best predictor for OS HR was again mDORR ratio (ORR odds ratio * mDR ratio) with an adjusted $R^2 = 0.55$. The classical PFS HR showed a weaker association with OS HR (adjusted $R^2 = 0.38$).

Table: 1072P	
Median OS (arm-level analysis)	Adjusted R^2
<i>Surrogates</i>	
ORR * mDR	0.71
1-year PFS	0.66
mDR	0.58
ORR	0.19
<i>OS HR (comparison-level analysis)</i>	
ORR odds-ratio * mDR ratio	0.55
ORR odds-ratio	0.54
PFS HR	0.38
mDR ratio	0.01

Conclusions: The new surrogate endpoint ORR*mDR is a promising predictor of mOS in trials of anti-PD1/PD-L1 plus CT. There is moderate association with OS HR, but the new surrogate is still more accurate than PFS for this purpose. mDORR may be used for estimating the potential efficacy of ICI combinations in early trials and making a decision to proceed to larger RCT.

Legal entity responsible for the study: The authors.

Funding: Has not received any funding.

Disclosure: G. Villacampa Javierre: Advisory/Consultancy: AstraZeneca; Speaker Bureau/Expert testimony: Merck Sharp & Dohme. R. Dienstmann: Advisory/Consultancy, Speaker Bureau/Expert testimony: Roche; Speaker Bureau/Expert testimony, Research grant/Funding (self): Merck; Speaker Bureau/Expert testimony: Ipsen; Speaker Bureau/Expert testimony: Amgen; Speaker Bureau/Expert testimony: Sanofi; Speaker Bureau/Expert testimony: Servier Laboratories; Advisory/Consultancy: Boehringer Ingelheim; Research grant/Funding (self): Pierre Fabre. All other authors have declared no conflicts of interest.

<https://doi.org/10.1016/j.annonc.2020.08.1192>

1073TIP A phase I, first-in-human, multicenter, open-label, dose-escalation study of IPH5201 as monotherapy or in combination with durvalumab ± oleclumab in advanced solid tumours
J. Powderly¹, J.C. Bendell², B.A. Carneiro³, A. Italiano⁴, T. Macarulla Mercadé⁵, E. Castanon Alvarez⁶, M. Imbimbo⁷, C. Massard⁸, N. Mueller⁹, A. Gascó-Hernandez⁹

¹Cancer Research Clinic, Carolina BioOncology Institute, Huntersville, NC, USA; ²Medical Oncology, Sarah Cannon Research Institute/Tennessee Oncology, Nashville, TN, USA; ³Medical Oncology, Alpert Medical School, Brown University, Providence, RI, USA; ⁴Early Phase Trials Unit, Institute Bergonié, Bordeaux, France; ⁵Medical Oncology, D'Hebron University Hospital (HUVH), Barcelona, Spain; ⁶Medical Oncology, Universidad de Navarra, Madrid, Spain; ⁷Medical Oncology, UNIL CHUV, Lausanne, Switzerland; ⁸DITEP, Gustave Roussy - Cancer Campus, Villejuif, France; ⁹Clinical Development, AstraZeneca Pharmaceuticals LP, Gaithersburg, MD, USA

Background: CD39, an extracellular enzyme, is overexpressed in the tumor microenvironment, on both tumor-infiltrating cells and stromal cells in several cancer types. CD39 promotes immunosuppression by degrading adenosine triphosphate (ATP) into adenosine monophosphate (AMP), that is then further degraded into adenosine by

CD73. IPH5201, an anti-CD39 blocking monoclonal antibody, has the potential to promote accumulation of immune-stimulatory ATP and reduce the formation of immunosuppressive adenosine, thereby leading to increased antitumor immunity for multiple tumor types. Preclinical studies demonstrated that IPH5201, in combination with PD-L1 checkpoint inhibitors, increased antitumor efficacy versus a PD-L1 inhibitor alone. This is a phase I, first-in-human, multicenter, open-label, dose-escalation study of IPH5201 as monotherapy or in combination with durvalumab (anti-PD-L1) ± oleclumab (anti-CD73) in patients with advanced solid tumors.

Trial design: Eligible subjects are aged ≥ 18 years, with advanced solid tumors, and an ECOG PS of ≤ 1 , no conventional or investigational anticancer therapy (eg, anti-CTLA-4, anti-PD-1, anti-PD-L1 antibodies) within 21 days prior to the first dose and no prior agents targeting CD73, CD39, or adenosine receptors. The study will consist of 3 distinct dose-escalation parts given every 3 weeks: IPH5201 monotherapy (part 1), IPH5201 + durvalumab (anti-PD-L1; part 2), and IPH5201 + durvalumab + oleclumab (anti-CD73; part 3). Dose escalation will be based on an m-TPI-2 algorithm of 3 to 12 subjects per cohort. For parts 1 and 2, additional pharmacodynamic cohorts will enroll 6 to 12 subjects at a specific dose with mandatory paired biopsies. The primary endpoint will evaluate safety and tolerability and determine the MTD of IPH5201 in monotherapy and in combination with durvalumab +/- oleclumab. Secondary endpoints will evaluate preliminary antitumor activity and characterize pharmacokinetics and immunogenicity. Up to 204 subjects will be enrolled in the United States, France, Spain, and Switzerland.

Clinical trial identification: NCT04261075.

Editorial acknowledgement: Medical writing support, conducted in accordance with Good Publication Practice (GPP3) and the International Committee of Medical Journal Editors (ICMJE) guidelines, was provided by Eli Berdougo, PhD of Oxford PharmaGenesis, Inc., Newtown, PA, and was funded by AstraZeneca.

Legal entity responsible for the study: AstraZeneca.

Funding: AstraZeneca.

Disclosure: J. Powderly: Advisory/Consultancy, Speaker Bureau/Expert testimony, Speakers bureau, consultancy/advisory role: Merck; Research grant/Funding (institution), Clinical Trial Funding: EMD Serono; Research grant/Funding (institution), Clinical Trial Funding: MacroGenics; Research grant/Funding (institution), Clinical Trial Funding: InCyte; Research grant/Funding (institution), Clinical Trial Funding: Arcus; Research grant/Funding (institution), Clinical Trial Funding: RAPT Therapeutics; Research grant/Funding (institution), Clinical Trial Funding: Alkermes; Research grant/Funding (institution), Clinical Trial Funding: Tempest; Advisory/Consultancy, Research grant/Funding (institution), Clinical trial funding, consultancy/advisory role: Curis; Research grant/Funding (institution), Clinical Trial Funding: Corvus; Research grant/Funding (institution), Clinical Trial Funding: AbbVie; Advisory/Consultancy, Consultancy/advisory role: AstraZeneca; Research grant/Funding (institution), Clinical Trial Funding: Top Alliance BioSciences; Research grant/Funding (institution), Clinical Trial Funding - BioSciences: Precision for Medicine; Research grant/Funding (institution), Clinical Trial Funding - BioSpecimens: MT Group; Shareholder/Stockholder/Stock options, Non-remunerated activity/ies, are both developing intellectual property for personalized autologous cell therapies: Carolina BioOncology Institute PLLC and BioCytics Inc.; Leadership role, Shareholder/Stockholder/Stock options, Founder and owns stock in Carolina BioOncology Institute PLLC, BioCytics Inc.; Carolina BioOncology Institute PLLC and BioCytics Inc.; Advisory/Consultancy, Speaker Bureau/Expert testimony, Research grant/Funding (institution), Clinical trial funding, speakers bureau, consultancy/advisory role: Bristol-Myers Squibb; Advisory/Consultancy, Speaker Bureau/Expert testimony, Research grant/Funding (institution), Clinical trial funding, speakers bureau, consultancy/advisory role: Genentech; Shareholder/Stockholder/Stock options, Owns Stock: lovance; Shareholder/Stockholder/Stock options, Owns Stock: Juno Therapeutics; Shareholder/Stockholder/Stock options, Owns Stock: BlueBird; Shareholder/Stockholder/Stock options, Owns Stock: Kite Pharma; Shareholder/Stockholder/Stock options, Owns Stock: Ziopharm Oncology; Non-remunerated activity/ies: Multiple collaborations with potential future biopharma and biotech sponsors for the Human Applications Laboratory to develop personalized autologous cell therapies. J.C. Bendell: Advisory/Consultancy, Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Arrys Therapeutics; Advisory/Consultancy, Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: BeiGene; Advisory/Consultancy, Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Boehringer Ingelheim; Advisory/Consultancy, Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Bristol-Myers Squibb; Advisory/Consultancy, Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Celgene; Advisory/Consultancy, Other - Payment to institution for consulting services performed by Dr. Bendell: Cerulean; Advisory/Consultancy, Other - Payment to institution for consulting services performed by Dr. Bendell: Daiichi Sankyo; Advisory/Consultancy, Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Evelo Biosciences; Advisory/Consultancy, Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Five Prime Therapeutics; Advisory/Consultancy, Other - Payment to institution for consulting services performed by Dr. Bendell: FORMA Therapeutics; Advisory/Consultancy, Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Genentech; Advisory/Consultancy, Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Innate Pharma; Advisory/Consultancy, Other - Payment to institution for consulting services performed by Dr. Bendell: Janssen; Advisory/Consultancy, Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Merck; Advisory/Consultancy, Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Merrimack Pharmaceuticals; Advisory/Consultancy, Other - Payment to institution for consulting services performed by Dr. Bendell: Moderna Therapeutics; Advisory/Consultancy, Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Novartis; Advisory/Consultancy, Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Roche; Advisory/Consultancy, Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Seattle Genetics; Advisory/Consultancy, Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Taiho Oncology; Advisory/Consultancy, Other - Payment to institution for consulting services performed by Dr. Bendell: Tolero Pharmaceuticals; Advisory/Consultancy, Other - Payment to institution for consulting services performed by Dr. Bendell: Translational Drug Development; Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Abbvie; Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI:

Stemcentrx; Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: ADC Therapeutics; Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Agios; Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Arcus Biosciences; Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Array BioPharma; Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: AstraZeneca; Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Bayer; Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Bellicum Pharmaceuticals; Research grant/Funding (institution), Payment to institution for conduct of clinical trial on which Dr. Bendell served as PI: Bicycle Therapeutics; Research grant/Funding (institution): Blueprint Medicine; Research grant/Funding (institution): Boston Biomedical; Research grant/Funding (institution): Calithera Biosciences; Research grant/Funding (institution): Cyteer Therapeutics; Research grant/Funding (institution): CytomX; Research grant/Funding (institution): eFFECTOR Therapeutics; Research grant/Funding (institution): Eisai; Research grant/Funding (institution): Lilly; Research grant/Funding (institution): EMD Serono; Research grant/Funding (institution): Forty Seven; Research grant/Funding (institution): Gilead Sciences; Research grant/Funding (institution): Gossamer Bio; Research grant/Funding (institution): Incyte; Research grant/Funding (institution): Leap Therapeutics; Research grant/Funding (institution): MacroGenics; Research grant/Funding (institution): MedImmune; Research grant/Funding (institution): Merus; Research grant/Funding (institution): Millennium Pharmaceuticals; Research grant/Funding (institution): NGM Biopharmaceuticals; Research grant/Funding (institution): Novocure; Research grant/Funding (institution): Oncology; Research grant/Funding (institution): OncoMed Pharmaceuticals; Research grant/Funding (institution): Pieris Pharmaceuticals; Research grant/Funding (institution): Revolution Medicines; Advisory/Consultancy, Research grant/Funding (institution): Rgenix; Research grant/Funding (institution): SynDevRx; Research grant/Funding (institution): Synthorx; Research grant/Funding (institution): Takeda Pharmaceuticals; Research grant/Funding (institution): Tarveda; Research grant/Funding (institution): Tempest Therapeutics; Research grant/Funding (institution): Tracoon Pharmaceuticals; Research grant/Funding (institution): Unum Therapeutics. B.A. Carneiro: Advisory/Consultancy: Foundation Medicine; Advisory/Consultancy: EMD Serono; Research grant/Funding (institution): Astellas; Research grant/Funding (institution): AstraZeneca; Research grant/Funding (institution): Pfizer; Research grant/Funding (institution): AbbVie; Research grant/Funding (institution): Bayer; Research grant/Funding (institution): Actuate therapeutics; Advisory/Consultancy: Tempus. A. Italiano: Honoraria (self), Advisory/Consultancy, Research grant/Funding (institution): Roche; Honoraria (self), Advisory/Consultancy: Daiichi Sankyo; Advisory/Consultancy: ImmuneDesign; Honoraria (self), Advisory/Consultancy: Epizyme; Honoraria (self), Advisory/Consultancy, Research grant/Funding (institution): Bayer; Honoraria (self), Advisory/Consultancy: Lilly; Honoraria (self): Novartis; Research grant/Funding (institution): AstraZeneca/MedImmune; Research grant/Funding (institution): PharmaMar; Research grant/Funding (institution): MSD Oncology; Research grant/Funding (institution): Merck Serono. T. Macarulla Mercadé: Travel/Accommodation/Expenses, Personal fees: Baxalta; Research grant/Funding (institution), Travel/Accommodation/Expenses, I have received support for travel or accommodation: Bayer; Research grant/Funding (institution), Travel/Accommodation/Expenses, Personal fees: Celgene; Travel/Accommodation/Expenses, Personal fees: Genzyme; Travel/Accommodation/Expenses, I have received support for travel or accommodation: H3B; Travel/Accommodation/Expenses, Personal fees: QED; Travel/Accommodation/Expenses, I have received support for travel or accommodation: Merck; Travel/Accommodation/Expenses, Personal fees: Roche; Travel/Accommodation/Expenses, I have received support for travel or accommodation: Sanofi; Travel/Accommodation/Expenses, Personal fees: Shire; Research grant/Funding (institution): Agios; Research grant/Funding (institution): Aslan; Research grant/Funding (institution): AstraZeneca; Research grant/Funding (institution): Genentech; Research grant/Funding (institution): Halozyme; Research grant/Funding (institution): Immunocore; Research grant/Funding (institution): Lilly; Research grant/Funding (institution): Merimarrack; Research grant/Funding (institution): Millennium; Research grant/Funding (institution): Novartis; Research grant/Funding (institution): Novocure; Research grant/Funding (institution): Pfizer; Research grant/Funding (institution): Pharmacyclics; Research grant/Funding (institution): Roche. M. Imbimbo: Travel/Accommodation/Expenses, Personal fees: BMS. C. Massard: Advisory/Consultancy: Amgen; Advisory/Consultancy: Astellas; Advisory/Consultancy: AstraZeneca; Advisory/Consultancy: Bayer; Advisory/Consultancy: BeiGene; Advisory/Consultancy: BMS; Advisory/Consultancy: Celgene; Advisory/Consultancy: Debiopharm; Advisory/Consultancy: Genentech; Advisory/Consultancy: Ipsen; Advisory/Consultancy: Janssen; Advisory/Consultancy: Lilly; Advisory/Consultancy: MedImmune; Advisory/Consultancy: MSD; Advisory/Consultancy: Novartis; Advisory/Consultancy: Pfizer; Advisory/Consultancy: Roche; Advisory/Consultancy: Sanofi; Advisory/Consultancy: Orion. All other authors have declared no conflicts of interest.

<https://doi.org/10.1016/j.annonc.2020.08.1139>

1074TIP **SGNTGT-001: A phase I study of SGN-TGT, an effector-function enhanced monoclonal antibody (mAb), in advanced malignancies**

E. Garralda¹, R.E. Sanborn², A.R. Minchom³, D. Davar⁴, G. Curigliano⁵, V. Ribrag⁶, A. Mehta⁷, F. Foss⁸, P. Garfin⁹, S. Ansell¹⁰

¹Early Drug Development Unit, HUVH - Vall d'Hebron University Hospital VHIO – Vall d'Hebron Institute of Oncology, Barcelona, Spain; ²Medical Oncology, Earle A. Childs Research Institute, Providence Cancer Institute, Portland, OR, USA; ³Drug Development Unit, Royal Marsden Hospital and The Institute of Cancer Research, London, UK; ⁴Melanoma/Phase I Therapeutics, Hillman Cancer Center, Pittsburgh, PA, USA; ⁵Oncology and Hemato-Oncology, European Institute of Oncology, IRCCS and University of Milan, Milan, Italy; ⁶Hematology, Gustave-Roussy, Villejuif, France; ⁷Medicine, University of Alabama at Birmingham Comprehensive Cancer Center, Birmingham, AL, USA; ⁸Hematology, Yale New Haven Hospital, New Haven, CT, USA; ⁹Clinical Research, Seattle Genetics, Inc., Bothell, WA, USA; ¹⁰Division of Hematology, Mayo Clinic, Rochester, MN, USA

Background: T-cell immunoreceptor with Ig and ITIM domains (TIGIT) is an inhibitory immune checkpoint receptor expressed on subsets of T cells and NK cells. SGN-TGT is an effector-function enhanced human mAb that targets TIGIT with pico-molar affinity and blocks TIGIT's interaction with CD155 and CD112. SGN-TGT was developed to have amplified binding to and engagement of Fcγ receptors. Enhanced effector function increases TIGIT+ T-regulatory cell depletion, enhances innate immune cell activation, and augments naïve and memory CD8+ T-cell responses. Preclinically, SGN-

TGT elicits superior anti-tumor immune responses compared to other TIGIT mAbs without effector-enhanced backbones, with curative anti-tumor activity as monotherapy and in combination with other immune-modulators.

Trial design: This phase I, open-label, multicenter, dose-escalation study [NCT04254107] is assessing the safety and tolerability of SGN-TGT monotherapy in ~85 adults (≥18 years) with histologically or cytologically confirmed relapsed, refractory, or progressive metastatic solid tumors (non-small cell lung or gastric carcinomas) or lymphomas (classical Hodgkin lymphoma, diffuse large B-cell lymphoma, or peripheral T-cell lymphoma, not otherwise specified). SGN-TGT will be infused on Day 1 of 21-day cycles. In Part A, the safety and tolerability of SGN-TGT will be assessed in ~25 subjects to identify the maximum tolerated dose and recommended phase II dose (RP2D). In Part B, the safety and antitumor activity of the RP2D will be assessed in ~60 subjects in disease-specific expansion cohorts. Primary endpoints are adverse events, laboratory abnormalities, dose-limiting toxicities, and dose-level safety and activity. Secondary endpoints are objective response (OR) rates, best response rates, duration of OR, complete response, progression-free survival, and overall survival, PK, and antidrug antibodies. Exploratory biomarkers of SGN-TGT-mediated PD effects, PK-PD correlations, and correlative analyses of PD measurements and response, toxicity, and resistance will be explored. The study was opened April 2020 and is enrolling.

Clinical trial identification: NCT04254107.

Editorial acknowledgement: Medical writing assistance was funded by Seattle Genetics, Inc., and provided by Charlotte Yap of MMS Holdings, Inc.

Legal entity responsible for the study: Seattle Genetics.

Funding: Seattle Genetics.

Disclosure: E. Garralda: Advisory/Consultancy: Roche/Genentech; Advisory/Consultancy: F. Hoffmann-La Roche; Advisory/Consultancy: Ellipsis Pharma; Advisory/Consultancy: Neomed Therapeutics Inc; Advisory/Consultancy: Boehringer Ingelheim; Advisory/Consultancy: Janssen Global Services; Advisory/Consultancy: Seattle Genetics; Advisory/Consultancy: TFS; Advisory/Consultancy: Alkermes; Advisory/Consultancy, Speaker Bureau/Expert testimony, Research grant/Funding (institution): Thermo Fisher; Advisory/Consultancy, Travel/Accommodation/Expenses: Bristol-Meyers Squibb; Speaker Bureau/Expert testimony, Travel/Accommodation/Expenses: Merck Sharp & Dohme; Speaker Bureau/Expert testimony, Research grant/Funding (institution): Roche; Research grant/Funding (institution): Novartis; Travel/Accommodation/Expenses: Menarini; Travel/Accommodation/Expenses: Glycotope. R.E. Sanborn: Advisory/Consultancy, Speaker Bureau/Expert testimony, Travel/Accommodation/Expenses, Panel expert; symposium presenter: AstraZeneca; Speaker Bureau/Expert testimony, Educational Presentation: Amgen; Advisory/Consultancy: Seattle Genetics; Advisory/Consultancy: Peregrine Pharmaceuticals; Advisory/Consultancy: ARAID/Takeda; Advisory/Consultancy: Genentech/Roche; Advisory/Consultancy: Celldex; Advisory/Consultancy: AbbVie; Research grant/Funding (self), Investigator-sponsored trial: Merck; Research grant/Funding (institution): BMS; Research grant/Funding (institution): MedImmune. A.R. Minchom: Honoraria (self): Bayer Pharmaceuticals; Honoraria (self): Novartis Oncology; Advisory/Consultancy: Janssen Pharmaceuticals; Advisory/Consultancy: Faron Pharmaceuticals; Advisory/Consultancy: Merck Pharmaceuticals; Travel/Accommodation/Expenses: LOXO Oncology. D. Davar: Advisory/Consultancy: Array; Advisory/Consultancy, Research grant/Funding (institution): Merck; Advisory/Consultancy: Vedanta Biosciences; Speaker Bureau/Expert testimony: IC-ONC; Research grant/Funding (institution): Amgen; Research grant/Funding (institution): BMS; Research grant/Funding (institution): Checkmate Pharmaceuticals; Research grant/Funding (institution): GSK/Tesaro. G. Curigliano: Advisory/Consultancy: Bristol-Myers Squibb; Advisory/Consultancy, Speaker Bureau/Expert testimony: Lilly; Advisory/Consultancy: Novartis; Advisory/Consultancy, Speaker Bureau/Expert testimony: Pfizer; Advisory/Consultancy, Speaker Bureau/Expert testimony: Roche; Advisory/Consultancy, Speaker Bureau/Expert testimony, Research grant/Funding (institution): Seattle Genetics; Research grant/Funding (institution): Ellipsis; Full/Part-time employment: University of Milano, Istituto Europeo di Oncologia, IRCCS, Milan Italy. V. Ribrag: Advisory/Consultancy, Research grant/Funding (institution): Epizyme; Research grant/Funding (institution): ArgenX; Advisory/Consultancy: Servier; Advisory/Consultancy: NanoString; Advisory/Consultancy: Gilead; Advisory/Consultancy: PharmaMar; Advisory/Consultancy, Research grant/Funding (self), Research grant/Funding (institution): BMS; Advisory/Consultancy, Research grant/Funding (self), Research grant/Funding (institution): MSD; Advisory/Consultancy: Incyte; Advisory/Consultancy, Research grant/Funding (self), Research grant/Funding (institution): Roche; Advisory/Consultancy: Infinity; Research grant/Funding (self), Research grant/Funding (institution): AstraZeneca Ab; Research grant/Funding (institution): Daiichi Sankyo; Research grant/Funding (institution): Eisai; Research grant/Funding (institution): Forma Therapeutics; Research grant/Funding (institution): Gamamabs; Research grant/Funding (institution): H3 Biomedicine; Research grant/Funding (institution): Imcheck Therapeutics; Research grant/Funding (self), Research grant/Funding (institution): Janssen Cilag; Research grant/Funding (institution): Kyowa Kirin Pharm. Dev; Research grant/Funding (institution): Lilly France; Research grant/Funding (institution): MedImmune; Research grant/Funding (institution): Nanobiotix; Research grant/Funding (institution): Octimere Oncology Nv; Research grant/Funding (self), Research grant/Funding (institution): Sanofi; Research grant/Funding (self), Research grant/Funding (institution): Boehringer Ingelheim; Research grant/Funding (self), Research grant/Funding (institution): Janssen; Research grant/Funding (self), Research grant/Funding (institution): Merck; Research grant/Funding (self), Research grant/Funding (institution): Novartis; Research grant/Funding (self), Research grant/Funding (institution): Pfizer; Research grant/Funding (institution): AbbVie; Research grant/Funding (institution): Adaptimmune; Research grant/Funding (institution): Aduro Biotech; Research grant/Funding (institution): Agios Pharmaceuticals; Research grant/Funding (institution): Amgen; Research grant/Funding (institution): Arno Therapeutics; Research grant/Funding (institution): Astex Pharmaceuticals; Research grant/Funding (institution): Aveo; Research grant/Funding (institution): Basilea Pharmaceutica International Ltd; Research grant/Funding (institution): Bayer Healthcare Ag; Research grant/Funding (institution): Bbb Technologies Bv; Research grant/Funding (institution): BeiGene; Research grant/Funding (institution): Blueprint Medicines; Research grant/Funding (institution): Boehringer Ingelheim; Research grant/Funding (institution): Boston Pharmaceuticals; Research grant/Funding (institution): Celgene Corporation; Research grant/Funding (institution): Celgene Corporation; Research grant/Funding (institution): Celgene Corporation; Research grant/Funding (institution): Cullinan-Apollo; Research grant/Funding (institution): Debiopharm; Research grant/Funding (institution): Eli Lilly; Research grant/Funding (institution): Exelixis; Research grant/Funding (institution): Genentech; Research grant/Funding (institution): GlaxoSmithKline; Research grant/Funding (institution): Hoffmann La Roche Ag; Research grant/Funding (institution): Innate Pharma; Research grant/Funding (institution): Institut de Recherche Pierre Fabre; Research grant/Funding (institution): Iris Servier; Research grant/Funding (institution): Janssen Research Foundation; Research grant/Funding (institution): Loxo Oncology; Research grant/Funding (institution): Lytx Biopharma As; Research grant/Funding (institution): Menarini Ricerche; Research grant/Funding (institution): Merrimack Pharmaceuticals; Research grant/Funding (institution): Merus; Research grant/Funding (institution): Millennium Pharmaceuticals; Research grant/Funding (institution): Molecular Partners