Integrating Genomics and Transcriptomics to reshape Precision Oncology: a *WIN*ning strategy

Program

WIN SYMPOSIUM 2020
JUNE 21-22, 2020
BARCELONA, SPAIN

SUNDAY 21 JUNE, 2020

Welcome and Opening Remarks	Richard L. Schilsky	Chairman WIN Consortium, Villejuif, France American Society of Clinical Oncology (ASCO), Alexandria, USA
	Josep Tabernero	Vice-Chairman WIN Consortium, Villejuif, France Vall d'Hebron Institute of Oncology (VHIO), Barcelona, Spain

PRESIDENTIAL SESSION 1:
BEYOND DNA TESTING: PLACE OF TRANSCRIPTOMICS IN PRECISION ONCOLOGY

Opening Keynote Lecture: Expression profiling to discover molecularly and clinically distinct cancer subtypes and to predict response to therapy	Louis M. Staudt	National Cancer Institute (NCI), Bethesda, USA
Proteomics in Precision Oncology	Gordon B. Mills	Knight Cancer Institute, Oregon Health & Science University (OHSU), Portland, USA
Keynote Lecture: Functional genomics to identify cancer vulnerabilities	René Bernards	Netherlands Cancer Institute (NKI), Amsterdam, Netherlands
Molecular profiling of pediatric cancers	Elaine R. Mardis	Nationwide Children's Hospital, Columbus, USA
Harnessing a synthetic lethality analysis for patient stratification: WINTHER trial	Eytan Ruppin	National Institute of Health (NIH), Bethesda, USA

SESSION 2:
NOVEL ALGORITHMS AND DATA VISUALIZATION STRATEGIES TO INTEGRATE GENOMICS AND TRANSCRIPTOMICS

SIMS algorithm and Digital Display	Vladimir Lazar	WIN Consortium, Villejuif, France
Molecular artificial intelligence to predict patient treatment response	David Spetzler	Caris Life Sciences, Irving, USA
RNAseq: technological shift enabling efficient transcriptomics	Kevin White	Tempus, Chicago, USA

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SESSION 3:
DISRUPTIVE CONCEPTS AND METHODOLOGICAL INNOVATIONS IN PRECISION ONCOLOGY

Keynote Lecture Computational tools for patients stratification	**Shawn N. Murphy**	Harvard Partners, Boston, USA
Keynote Lecture Consensus molecular subtypes in colon cancer and implications for therapy selection	**Sabine Tejpar**	University of Leuven, Belgium
IO in combination: the SPRING trial tri-therapy approach	**Benjamin M. Solomon**	WIN Consortium, Villejuif, France Avera Cancer Institute, Sioux Falls, USA

SESSION 4:
PREDICTIVE BIOMARKERS TO GUIDE THERAPY SELECTION

Keynote Lecture TAPUR and derived trials (DRUP, CAPTUR, MOST)	**Richard L. Schilsky**	American Society of Clinical Oncology (ASCO), Alexandria, USA
Predictive biomarkers for immune checkpoint inhibitor treatment	**Jean-Charles Soria**	Gustave Roussy, Villejuif, France
Biomarker challenges and PanOncology Study concept	**Stefan Scherer**	GlaxoSmithKline (GSK), Philadelphia, USA
Phase 3 trial of adjuvant sunitinib in patients with high-risk renal cell carcinoma: comprehensive tumor genomic and transcriptomic analyses	**Jean-François Martini**	Pfizer Inc., La Jolla, USA
I-PREDICT: first study of personalized combination therapy	**Razelle Kurzrock**	University of California San Diego, USA

SESSION 5:
NEW CONCEPTS AND THERAPEUTIC APPROACHES IN PRECISION ONCOLOGY ACROSS THE GLOBE: WIN MEMBERS

Keynote Lecture Early stage lung cancer: challenge and opportunity	**Haiquan Chen**	Fudan University Shanghai Cancer Center (FUSCC), China
Integration of T-cell therapy in Precision Oncology clinical trials	**Apostolia M. Tsimberidou**	The University of Texas MD Anderson Cancer Center, Houston, USA
Challenges and prospects of precision medicine in the community oncology setting	**Rodrigo Dienstmann**	Vall d'Hebron Institute of Oncology (VHIO), Barcelona, Spain
Use of transcriptomics (RNASeq) in the clinic	**Tobias Meissner**	Avera Cancer Institute, Sioux Falls, USA
Expanding Precision Oncology across tumor types: advances in prostate cancer	**Joaquín Mateo**	Vall d'Hebron Institute of Oncology (VHIO), Barcelona, Spain

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SESSION 6:
BEST POSTERS' AWARD

	Best 2 Posters Presentations and Awards		
	Conclusions	**Richard L. Schilsky**	Chairman WIN Consortium, Villejuif, France American Society of Clinical Oncology (ASCO), Alexandria, USA
		Josep Tabernero	Vice-Chairman WIN Consortium, Villejuif, France Vall d'Hebron Institute of Oncology (VHIO), Barcelona, Spain.