EVENT -AT-A-GLANCE

EXHIBIT HALL HOURS (HALL D)			
Monday, February 16	6:00 - 7:30 pm		
Tuesday, February 17	9:00 am - 5:00 pm		
Wednesday, February 18	9:45 am - 1:40 pm		
AFTERNOON SHORT COURSES** (2:00 - 5:00 pm) Registration Open 1:00 pm (Moscone North Lower Lobby)			
Separate registration required. Visit the registration desk for details.			
Short Course 1: Translating CTCs to Clinical Use	Room:120		
Short Course 2: Latest Advances in Molecular Pathology	Room:121		
Short Course 3: Validation and Compliance Considerations for an NGS Lab	Room:122		
Short Course 4: Sequencing 101	Room:123		
Short Course 5: PCR Part I: Primer Design for PCR Experiments	Room:124		
Short Course 5: PCR Part I: Primer Design for PCR Experiments Short Course 6: Reimbursement for Advanced Diagnostics: From Clinical Value Establishment to Coverage and Pricing	Room:125		
DINNER SHORT COURSES** (5:30 - 8:30 pm) Separate registration required. Visit the registration desk for details.			
Short Course 9: Clinical Informatics Needs of an NGS Lab	Room:122		
Short Course 10: Knowing Your NGS Analysis Upstream: Alignments and Variants	Room:123		
Short Course 11: Regulatory Compliance in Molecular Diagnostics	Room:121		
Short Course 12: Introduction to Hadoop for Bioinformatics	Room:124		
Short Course 13: PCR Part II: Digital PCR Applications and Advances	Room:125		
MORNING SHORT COURSES** (8:00 - 11:00 am) Separate registration required. Visit the registration desk for details.			
Short Course 17: Commercialization Boot Camp: Manual for Success in Molecular Diagnostics	Room:120		
Short Course 18: Next-Generation Sequencing as a Diagnostics Platform	Room:131		
Short Course 19: Isolation and Characterization of Cancer Stem Cells	Room:121		
Short Course 20: Using Preclinical Models in Oncology to Inform First-Man-Trial Design: Tools and Techniques	Room:122		
MORNING SHORT COURSES** (8:00 - 11:00 am) Separate registration required. Visit the registration desk for details. Short Course 17: Commercialization Boot Camp: Manual for Success in Molecular Diagnostics Short Course 18: Next-Generation Sequencing as a Diagnostics Platform Short Course 19: Isolation and Characterization of Cancer Stem Cells Short Course 20: Using Preclinical Models in Oncology to Inform First-Man-Trial Design: Tools and Techniques Short Course 21: Best Practices in Personalized and Translational Medicine Short Course 22: NGS for Infectious Disease Diagnostics	Room:123		
Short Course 22: NGS for Infectious Disease Diagnostics	Room:124		
7:00am-6:30pm	Registration Ope		
Program 1 Program 2 Program 3 Program 4 Program 5 Program 6 Program	am 7 Program 8		



February 15-20, 2015

Moscone North Convention Center San Francisco, CA

Short Course 2 Short Course 2	18: Next-Generat 19: Isolation and 20: Using Preclini 21: Best Practice: 22: NGS for Infec	Characterization ical Models in O s in Personalized	of Cancer Stem ncology to Inforn d and Translation	ı Cells n First-Man-Trial	Design: Tools ar	d Techniques	Roo Roo	om:131 om:121 om:122 om:123 om:124									
7:00am-6:30pm Program	Program 1	Program 2	Program 3	Program 4	Program 5	Program 6	Program 7	Program 8	Program 9	Program 10	Program 11	Program 12	Program 13 Room 123	Program 14	Program 15	Program 16	Program 1
Location Concurrent Programs	Molecular Diagnostics	Personalized Diagnostics	Cancer Molecular Markers	Room 102 Circulating Tumor Cells	Room 120 Digital Pathology	Room 135 Companion Diagnostics	PCR for Molecular Medicine	Genomic Sample Prep & Biospecimen Science	Room 132 Epigenomics in Disease	Room 122 Genome and Transcriptome Analysis	Room 123 Genomic Technologies for Patient Stratification	Room 124 Translational to Clinical R&D	Clinical Sequencing	Room 123 Technology- Driven Oncology Clinical Development	Room 103 Predictive Preclinical Models in Oncology	Room 104 Bioinformatics for Big Data	Room 125 Integrated Pharma Informatics Data Science
11:50-1:00pm	Keynote Forum	Keynote Forum (Room 135)	Keynote Session	Keynote Session	Digital Pathology Predictions: Market Analysis & Trends	Keynote Forum	Keynote Session	Standardizing Sample Quality and Preanalytical Processing	Interrogating Disease (Epi) Genomes	Keynote Session: Advances in Genome and Transcriptome Analysis	NGS-Driven Stratified Cancer Trials	Improving Translation & Success of ADCs in the Clinic	NGS-Driven Stratified Cancer Trials	NGS-Driven Stratified Cancer Trials	Advances in Tumor Modeling = Advances in Cancer Drug Discovery and Development	Multi-Scale Modeling of Biological Systems and Networks	Integration Analysis an Visualization Pharma R& Data
1:15-2:15							Luncheon Pres	sentations (Please I	refer to Individual	Program Agendas	on pages 14-30)				Dovolopmont		
2:30-4:40	Panel Discussion: Generating and Communicating Evidence for Payer Coverage	Case Studies in Prenatal Diagnostics	Characterizing CTCs	Characterizing CTCs	<i>In Vivo</i> Microscopy	Panel Discussion: Commercialization Dynamics of Companion Diagnostics (Room 131)	FDA-Approve PCR in the Clinic	d FFPE vs. Frozen Samples	Epigenetics in Neuropatho- genesis	RNA Innova- tions: Single Cell Analysis, Genome and Transcriptome Editing	NGS-Driven Stratified Cancer Trials (cont'd)	Improving Translation & Success of ADCs in the Clinic (cont'd)	Case Studies in Prenatal Diagnostics (Room 133)	NGS-Driven Stratified Cancer Trials (cont'd)	Modeling and Researching Brain Cancer	Multi-Scale Modeling of Biological Systems and Networks (cont'd)	Informatio in Support Collaborati and Externalizat
4:40-5:00							Re	freshment Break an		· · · · · · · · · · · · · · · · · · ·	Foyer)						
5:00-6:00 6:00-7:30 7:30	1	Keynote Presenta	tion: Eric Schadt,	Ph.D., Director of	the Icahn Institute	for Genomics and	Multiscale Bio	Plenary F on Sponsored by Par ology, Chair of the Do Opening Reception	epartment of Gene	nny, M.D., Ph.D., Cetics and Genomic	s Sciences; Jean	C. and James W.	Crystal Professor	of Genomics, Icah	n School of Medic	cine at Mount Sina	li .
7:00am-5:00pm								Registration Or	oen (Moscone Nor	th Lower Lobby)							
8:00-9:00							Introdu		ary Session (Roon	n 134)	aulex. Inc						
9:00-10:05						Ref	Keyno	te Presentation: Ma	tt Wilsey, Presider	nt, Grace Wilsey Fo	oundation	I D)					
Program	Program 1	Program 2	Program 3	Program 4	Program 5	Program 6	Program 7	Program 8	Program 9	Program 10	Program 11	Program 12	Program 13	Program 14	Program 15	Program 16	Program
Location Concurrent Programs	Molecular Diagnostics	Personalized Diagnostics	Room 102 Cancer Molecular Markers	Room 102 Circulating Tumor Cells	Room 120 Digital Pathology	Room 131 Companion Diagnostics	PCR for Molecular Medicine	Room 130 Genomic Sample Prep & Biospecimen Science	Room 132 Epigenomics in Disease	Room 135 Genome and Transcriptome Analysis	Room 131 Genomic Technologies for Patient Stratification	Room 103 Translational to Clinical R&D	Room 133 Clinical Sequencing	Room 103 Technology- Driven Oncology Clinical Development	Room 103 Predictive Preclinical Models in Oncology	Bioinformatics for Big Data	Room 12 Integrate Pharma Informatic Data Scie
10:05-12:15pm	New Insights into Disease from Non-Cod- ing RNA	Case Studies of an Integrated Approach to Patient Care	Cells vs. Circulating Biomarkers	Cells vs. Circulating Biomarkers	Large-Scale Deployment of Digital Pathology	RNA Sequencing for Patient Stratification	Technology and Assay Advances	Novel Technologies NGS Assays: Preanalytical Considerations, Assay Development and Validation	Mechanisms Underpinning Disease: Chromatin Dynamics and Long-Range Regulatory Control	Non-Coding RNA Functional Analysis	RNA Sequencing for Patient Stratification	Consider- ations for Development of Immunother- apies and Combinations	Case Studies of an Integrated Approach to Patient Care	Translational Approaches in Cancer Immunotherapy Development	Translational Approaches in Cancer Immunotherapy Development	Big Data and Computational Drug Design: Rescuing and Repurposing of Drugs for Cancer	Assemb Creation Implement of Data Sc Groups Pharm
12:25-1:25 1:25-2:00								sentations (Please i reshment Break in t									
2:00-4:10	Molecular Di- agnostic Tests: Improving Patient Care and Saving Costs	Plasma/Serum the Health o	oshot of Blood/ to Learn About of the Patient n 133)	Beyond Selection: Single Cell Analysis on CTCs	Quantitative Detection of Biomarkers for Next-Gen Immunohisto- chemistry	Panel Discussion: Practical Aspects of Implementing the Master Protocol	PCR for Patier Stratification	n (cont'd)	Technological Advances Enabling (Epi) Genomic Research	Large-Scale RNA-Sequenc- ing Data: Integration, Analysis, and Discovery (Room 122)	PCR for Patient Stratification (Room 121)	T-Cell Immunotherapy Spotlight (Room 124)	NGS Assays (Room 130)	Practical Aspects of Implementing the Master Protocol (Room 131)	Unfolding Cancer Immunotherapy Mechanisms	Big Data and Computational Drug Repositioning: From Data to Therapeutics	From Re World Data Clinical Da
4:10-5:00 5:00-6:00				Mardi (Gras Celebration in	the Exhibit Hall w		ving (Hall D) *Kindle Discussions in the E	xhibit Hall (See p			gs held at 4:50pn	n. See page 33 foi	r details.			
6:00 7:00am-2:00pm									Close of Day pen (Moscone Nor								
8:00-9:45	Plenary Session Panel (Room 134) Sponsored by Advanced Cell Diagnostics, Inc., AsuraGen, Biocartis, DiaCarta, Leica Biosystems, NanoString Technologies, Singulex, Thomson Reuters Panelists: Yuling Luo, Ph.D., CEO and Founder, Advanced Cell Diagnostics; Bernard Adruss, Ph.D., Vice President, CDx Development and Regulatory Affairs, Asuragen, Inc.; Rudi Pauwels, Ph.D., Founder, CEO & Executive Chairman, Biocartis; Michael Powell, Ph.D., CSO, DiaCarta, Inc.; Pawan Singh, Director, Workflow Solutions, Pathology Imagining Business, Executive Management, Leica Biosystems; Joe Beechem, Ph.D., Senior Vice President, R&D, NanoString Technologies; Lynn Zieske, Ph.D., Principal Scientist, Life Science, Singulex, Inc.; Gavin Coney, Senior Director, Services Strategy, Intellectual Property & Science, Thomson Reuters Moderator: Michael Roehrl, M.D., Ph.D., Associate Professor of Pathology, University of Toronto																
9:45-10:35 Program	Program 1	Program 2	Program 3	Program 4	Program 5	Program 6	Program 7	Program 8	Program 9	Program 10	Program 11	Program 12	Program 13	Program 14	Program 15	Program 16	Program
Location	Room 135	Room 133	Room 132 Cancer	Room 102	Room 120	Room 131	Room 121 PCR for	Room 130 Genomic	Room 132	Room 122 Genome and	Room 123 Genomic	Room 124	Room 133	Room 103 Technology- Driven	Room 103 Predictive	Room 104	Room 12
Concurrent Programs	Molecular Diagnostics	Personalized Diagnostics	Molecular Markers	Circulating Tumor Cells	Digital Pathology	Companion Diagnostics	Molecular Medicine Application	Sample Prep & Biospecimen Science	Epigenomics in Disease	Transcriptome Analysis	Technologies for Patient Stratification	Translational to Clinical R&D	Clinical Sequencing	Oncology Clinical Development	Preclinical Models in Oncology	Bioinformatics for Big Data	Pharma Information Data Scie
0:35-12:15pm	Swimming with the Sharks: Evaluating Start-Ups with Funders, Users,	Strategic Issues in NGS-Enabled Cancer Care	DNA Methylation Biomarkers in Cancer	Technology Strides for CTCs	Specialized Adoption of Digital Pathology	Panel Discussion: How the Business Model is Changing for One Drug, One Diagnostic	Case Studies Genetic Diagnostics	Biospecimen and Bioprepository Practices	DNA Methylation Biomarkers in Cancer	Large-Scale Genomic Data Transfer, Analysis, and Storage	Patient Recruitment Using Biomarker Analysis Tools	Advances in Imaging for Translatable Biomarkers	Strategic Issues in NGS-Enabled Cancer Care		PDX Models to Inform Clinical Trials	Moving Big Data, Scalable Analysis	The Challe of Data Integratio Biomedici Drug Disco
	and Payers							sentations (Please F			s on pages 14-30) i Raffle! Drawings	held at 1:20pm.	See page 33 for d	etails.			
12:25-1:00 1:00-1:40	and Payers			Refro	eshment Break in	the Exhibit Hall an		for Poster Viewing (
12:25-1:00	and Payers Swimming with the Sharks: Evaluating Start-Ups with Funders, Users, and Payers (cont'd)	What is Needed for Translation in the Clinical Setting?	Clinical Use of CTCs (Room 102)	Clinical Use of CTCs (Room 102)	Big Data and the Cloud WSI, Bioimaging & Bioinformatics Research	Implementation Strategies for NGS-Based Companion Diagnostics	Genetic Diagnostics (cont'd) Infectious Disease	RNA Testing and Sample to Result Technology	Improving Disease- Relevant Analysis of (Epi) Genomes	Large-Scale Genomic Data Transfer, Analysis, and Storage (cont'd)	Looking Beyond the Direct Molecular Targets of Drugs	Predictive Preclinical Models	What is Needed for Translation in the Clinical Setting?	Translational Approaches to Childhood Cancer	Translational Approaches to Childhood Cancer	Translating Data to Patient Care	Translati Data to Pa Care (Room 10
12:25-1:00	Swimming with the Sharks: Evaluating Start-Ups with Funders, Users, and Payers	for Translation in the Clinical	CTCs	Clinical Use of CTCs	Big Data and the Cloud WSI, Bioimaging & Bioinformatics	Implementation Strategies for NGS-Based Companion	Genetic Diagnostics (cont'd) Infectious Disease	RNA Testing and Sample to Result Technology	Improving Disease- Relevant Analysis of (Epi)	Genomic Data Transfer, Analysis, and Storage (cont'd)	the Direct Molecular Targets of	Preclinical	for Translation in the Clinical	Approaches to Childhood	Approaches to Childhood	Data to Patient	Data to Pa Care
2:25-1:00 :00-1:40 :40-3:50	Swimming with the Sharks: Evaluating Start-Ups with Funders, Users, and Payers	for Translation in the Clinical Setting? Translating Data to Patient Care	CTCs	Clinical Use of CTCs	Big Data and the Cloud WSI, Bioimaging & Bioinformatics	Implementation Strategies for NGS-Based Companion	Genetic Diagnostics (cont'd) Infectious	RNA Testing and Sample to Result Technology	Improving Disease- Relevant Analysis of (Epi) Genomes eshment Break (F	Genomic Data Transfer, Analysis, and Storage (cont'd)	the Direct Molecular Targets of	Preclinical	for Translation in the Clinical Setting? Advances in Computational	Approaches to Childhood Cancer	Approaches to Childhood	Data to Patient Care	Data to Pa Care