



24th Cancer Center Informatics Society Symposium & Workshop Nov 7 - 9, 2025 Miami

“Precision Oncology Powered by Data Intelligence”

Welcome to the 24th Cancer Center Workshop: *Precision Oncology Powered by Data Intelligence*—a dynamic forum bringing together the nation’s leading designated and community cancer centers. This strategic convening unites clinicians, researchers, translational scientists, executive leaders, technologists, and some of the most advanced data scientists in oncology, all collectively committed to transforming the future of cancer care.

As precision oncology continues to evolve, the integration of high-quality real-world data and advanced analytics is becoming essential to driving smarter, faster, and more personalized treatment decisions. This workshop will explore how data intelligence—spanning genomics, proteomics, translational clinical data, AI, and predictive modeling—is unlocking new opportunities to improve outcomes, streamline care delivery, and accelerate research across both community-based and academic settings.

Together, we’ll examine strategic frameworks, real-world applications, digital platforms, and the infrastructure required to scale data-powered innovation in oncology. Let’s chart the path forward—from data to impact.

Stephen D. Nimer, MD

Professor of Medicine, Biochemistry, and Molecular Biology
Director, Sylvester Comprehensive Cancer Center, University of Miami
Oscar de la Renta Endowed Chair in Cancer Research
Executive Dean for Research, Miller School of Medicine
Chair, 24th Cancer Center Informatics Society Symposium & Workshop

Antonio Iavarone, MD

Professor of Neurological Surgery, Biochemistry, and Molecular Biology
Deputy Director, Sylvester Comprehensive Cancer Center, University of Miami
Co-Chair, 24th Cancer Center Symposium & Workshop



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Friday November 7 (Day One)

7:00 am	Breakfast (Eden Roc A & B)
7:55 am	Day 1 Kickoff and Welcome Remarks Sarah Rose Butler- Cancer Center Informatics Society
8:00 am	Chairs Introductions & Symposium Kickoff (Eden Roc A & B) - Suresh S. Ramalingam, M.D., FACP, FASCO - Executive Director, Winship Cancer Institute, Emory Health - Professor, Department of Hematology and Medical Oncology, Emory University School of Medicine - Roberto C. Goizueta Distinguished Chair for Cancer Research - Associate Vice President for Cancer, Woodruff Health Sciences Center 23rd Ci4CC Cancer Center Summit Chair
8:05 am	Chairs Welcome, Opening Remarks & Conference Overview - Chair: Stephen D. Nimer, M.D. - Director, Sylvester Comprehensive Cancer Center - Oscar de la Renta Endowed Chair in Cancer Research - Executive Dean for Research, Miller School of Medicine - Professor of Medicine, Biochemistry and Molecular Biology, Professor of Chemical, Environmental and Materials Engineering - Co-Chair: Antonio Iavarone, M.D. - Deputy Director, Sylvester Comprehensive Cancer Center - Professor of Neurological Surgery, University of Miami Miller School of Medicine
8:15 am	Session 1: Advancing Pediatric and AYA Cancer Care through AI and Data-Driven Models - Session Chair: Aditi Dhir, M.D. - Assistant Professor of Clinical Pediatrics, Hematology/Oncology, Sylvester Comprehensive Cancer Center - Adam Resnick, Ph.D. - Director, Center for Data-Driven Discovery in Biomedicine, Children's Hospital of Philadelphia



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	● Jonathan Metts, M.D. ○ Co-Director, Adolescent and young adult (AYA) program, Moffitt Comprehensive Cancer Center
9:15 am	SU2C-Ci4CC Distinguished Keynote : “Digital Tumors for Precision Oncology” ● Trey Ideker, Ph.D. ○ Professor, Department of Medicine, University of California San Diego ○ Director ARPA-H ADAPT, Dynamic Digital Tumors for Precision Oncology Project ○ Director Bridge2AI Cell Maps for AI (CM4AI) Data Generation Project ○ Co-Director, Cancer Cell Map Initiative (CCMI)
9:45 am	Distinguished Keynote & Fireside Chat with Oracle: “Powering the Future of Healthcare” ● Seema Verma ○ EVP and GM of Oracle Health & Life Sciences ● Fireside Chat with Sorena Nadaf-Rahrov MS, MMI, PhDc ○ President and CEO, Cancer Center Informatics Society (Ci4CC) ⇒ Transforming Cancer Care: Oracle and Ci4CC Unite in a National Innovative Initiative
10:15 am	Networking Break (Eden Roc C)
10:45 am	Monthly Society Webinars: Ci4CC Chair’s Summary & Upcoming Plans ● Tech Download Series: Laura Hilty & Regina Schwind MS, MPH ● Clinical Informatics Grand Rounds: Doug Fridsma M.D., Ph.D. ● Community Call: Fred Lee, M.D., MPH
11:00 am	Session 2: Data Infrastructure & Clinical Trial Matching ● Session Co-Chair: Stephan Schürer, PhD ○ Professor, Department of Pharmacology ○ Director of Digital Drug Discovery, Institute for Data Science & Computing ○ Associate Director of Data Science, Sylvester Comprehensive Cancer Center ● Session Co-Chair: Vasileios Stathias, PhD ○ Assistant Director of Data Science, Sylvester Comprehensive Cancer Center ● Joe Schulin, MSN, RN ○ Head of Provider AI Applications, Tempus AI



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	● Daniel Fabbri, PhD, FAMIA ○ Associate Professor, Department of Biomedical Informatics, Associate Professor Department of Computer Science, Vanderbilt University Medical Center ● Erin Kobetz, PhD, MPH ○ John K. and Judy S. Schulte Senior Endowed Professor in Cancer Research ○ Vice President for Health Promotion and Chief Wellbeing Officer ○ Associate Director for Community Outreach and Engagement, Sylvester Comprehensive Cancer Center ○ Co-Director, Clinical Translational Science Institute
12:00 pm	Lunch Networking Event (Spa Garden)
1:00 pm	24th Cancer Center Director's Keynote: (Eden Roc A & B) ● Stephen D. Nimer, M.D. ○ Director, Sylvester Comprehensive Cancer Center ○ Oscar de la Renta Endowed Chair in Cancer Research ○ Executive Dean for Research, Miller School of Medicine ○ Professor of Medicine, Biochemistry and Molecular Biology, Professor of Chemical, Environmental and Materials Engineering
1:30 pm	Session 3: Precision Medicine and AI ● Session Co-Chair: Antonio Iavarone, M.D. ○ Professor of Neurological Surgery & Biochemistry and Molecular Biology ○ Deputy-Director, Sylvester Comprehensive Cancer Center ● Session Co-Chair: Carl Ola Landgren, M.D., Ph.D. ○ Professor of Medicine Division of Hematology ○ Chief, Division of Myeloma, Department of Medicine ○ Director, Sylvester Myeloma Institute ○ Co-Leader, Translational and Clinical Oncology Program ○ Paul J. DiMare Endowed Chair in Immunotherapy ● Enrique Velazquez-Villarreal, M.D., Ph.D., MPH, MS ○ Assistant Professor in Department of Integrative Translational Sciences, City of Hope Comprehensive Cancer Center ● Kelli Rasmussen, MS ○ Associate Director, Project Genie, AACR



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	• Sanjay Juneja, M.D., ○ VP of Clinical AI Operations, Tempus AI • Jamie Holloway, Ph.D. ○ Area Vice President, Molecular Science Liaison, Caris Life Sciences
2:30 pm	Distinguished Keynote & Fireside Chat with Guardant Health: “Conquering Cancer with Data” • Helmy Eltoukhy, Ph.D. ○ Chairman and co-CEO Guardant Health • Craig Eagle, M.D. ○ Chief Medical Officer Guardant Health • Jason Porter, M.D. ○ VP Clinical Education
3:15 pm	Networking Break (Eden Roc C)
3:45 pm	“Inside the Director’s Office: Data as a Strategic Compass for Healthcare Executives” A Fireside Chat on Strategic Priorities and Precision Oncology Initiatives • Panel Chair - Steve Rosen, MD, FACP, FASCO, FAIMBE ○ Executive Vice President & Director Emeritus City of Hope Comprehensive Cancer Center ○ Director Emeritus, Beckman Research Institute ○ Professor, Division of Lymphoma, Department of Hematology & Hematopoietic Cell Transplantation ○ Ted Schwartz Family Distinguished Chair in Hematologic Malignancies • Antonio Iavarone, M.D. ○ Professor of Neurological Surgery, University of Miami Miller School of Medicine ○ Deputy Director, Sylvester Comprehensive Cancer Center • Suresh S. Ramalingam, M.D., FACP, FASCO ○ Executive Director, Winship Cancer Institute ○ Professor, Department of Hematology and Medical Oncology, Emory University School of Medicine ○ Roberto C. Goizueta Distinguished Chair for Cancer Research ○ Associate Vice President for Cancer, Woodruff Health Sciences Center • Reena Duseja, M.D., MS ○ Oracle Health & Life Sciences



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	● Craig Eagle, M.D. ○ Chief Medical Officer, Guardant Health ● Alexey Aleshin, M.D., MBA ○ GM Oncology and ECD & Chief Medical Officer, Natera ● Sanjay Juneja, M.D. ○ VP of Clinical AI Operations, Tempus AI ● Sorena Nadaf-Rahrov, M.S., M.MI. ○ President and CEO, Cancer Center Informatics Society (Ci4CC)
5:00 pm	Adjourn Day One
6:30 pm	Chairs' Reception, Cancer Center Directors' Induction Ceremony, and Society Dinner ● All Attendees (Spa Garden)
8:00 pm	The Ci4CC Brady Davis Networking Event ● All Attendees (Spa Terrace Rooftop) ● Live Music with local Miami DJ



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Saturday, November 8 (Day Two)

7:00 am	Breakfast (Eden Roc A & B)
7:55 am	Day 2 Kickoff and Welcome Remarks • Sarah Rose Butler- Cancer Center Informatics Society
8:00 am	Chairs Introductions & General Announcements (Eden Roc A & B) • Steve Rosen, MD, FACP, FASCO ○ Executive Vice President & Director Emeritus City of Hope Comprehensive Cancer Center ○ Director Emeritus, Beckman Research Institute ○ Professor, Division of Lymphoma, Department of Hematology & Hematopoietic Cell Transplantation ○ Ted Schwartz Family Distinguished Chair in Hematologic Malignancies
8:05 am	Chairs Welcome, Day 2 Overview and Introduction • Chair: Stephen D. Nimer, M.D. ○ Director, Sylvester Comprehensive Cancer Center ○ Oscar de la Renta Endowed Chair in Cancer Research ○ Executive Dean for Research, Miller School of Medicine ○ Professor of Medicine, Biochemistry and Molecular Biology ○ Professor of Chemical, Environmental and Materials Engineering • Co-Chair: Antonio Iavarone, M.D. ○ Professor of Neurological Surgery, University of Miami Miller School of Medicine ○ Deputy Director, Sylvester Comprehensive Cancer Center
8:15 am	Session 4: Leveraging AI Technologies to Deliver Risk-Stratified and Precision Survivorship Supportive Care • Session Chair: Frank J. Penedo, Ph.D. ○ Professor of Psychology and Medicine ○ Associate Director for Population Sciences ○ Director, Sylvester Cancer Survivorship and Supportive Care Institute, Sylvester Comprehensive Cancer Center



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	● Jerry Bonnel, Ph.D. ○ Post Doctoral Fellow - Frost Institute for Data Science and Computing, University of Miami ● Molly Bryant ○ Vice President for Precision Health, Vibrent Health ● Akina Natori, M.D. ○ Assistant Professor, Bioinformatics Lead, Sylvester Survivorship and Supportive Care Institute ● Vasileios Stathias, PhD ○ Assistant Director, Data Science - Sylvester Comprehensive Cancer Center ● Mitsunori Ogihara, Ph.D. ○ Professor, Computer Science, Director, Workforce Development & Education, Frost Institute for Data Science and Computing ● Ravi Vadapalli, Ph.D. ○ Associate Professor, Computer Engineering, Director, Advanced Computing, Frost Institute for Data Science and Computing
9:00 am	Session 5: Leveraging ctDNA Technologies Towards Diagnostics and Therapeutics Management ● Session Chair: Jonathan C. Trent, M.D., Ph.D. ○ Professor, Medical Oncology ○ Associate Director, Clinical Research ○ Director, Sarcoma Medical Research Program ● Amrit Paudel, M.D. ○ Chief Fellow, Hematology/Oncology, Sylvester Comprehensive Cancer Center ● Nicholas Borja, M.D. ○ Assistant Professor of Clinical Genetics, Sylvester Comprehensive Cancer Center ● Emily E. Jonczak, M.D. ○ Assistant Professor of Clinical Medicine, Sylvester Comprehensive Cancer Center
9:30 am	Session 6: The Digital Bridge to Precision Health: Wearables, Real-World Data, and AI ● Session Chair: Tracy Crane, Ph.D. ○ Brigitte Burke Endowed Professor in Women's Cancer Research ○ Associate Professor, Medical Oncology and Public Health ○ Co-Leader, Cancer Control Research Program



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	○ Director, Lifestyle Medicine, Prevention and Digital Health ● Ghulam Rasool, Ph.D. ○ Assistant Member, Department of Machine Learning, Moffitt Comprehensive Cancer Center ● Harleen Kaur, Ph.D. ○ Post-Doctoral Research Fellow, Sylvester Comprehensive Cancer Center ● Vasileios Stathias, Ph.D. ○ Assistant Director, Data Science - Sylvester Comprehensive Cancer Center
10:00 am	Networking Break (Eden Roc C)
10:30 am	Fueling the Future – Empowering Emerging Voices in Cancer Informatics ● Marvin Rothwell, Ph.D. ○ Director of Research Systems Infrastructure, Duke Cancer Institute ○ Director of Duke University Cancer Registry ○ Chair, “Fueling the Future”, A Cancer Center Informatics Society National Initiative
10:45 am	Distinguished Keynote & Fireside Chat with Natera: “Advancing Precision Health through Cell-Free DNA Insights” ● Alexey Aleshin, MD, MBA ○ GM Oncology & Chief Medical Officer, Natera ● Solomon Moshkevich, MBA ○ President, Clinical Diagnostics, Natera
11:30 am	Session 7: Metabolomics, Proteomics and AI Applications ● Session Chair: David Lombard, M.D., Ph.D. ○ Professor, Vice Chair for Clinical and Translational Research, Department of Pathology & Laboratory Medicine ○ Co-Leader, Cancer Epigenetics Program ○ Site Disease Group Physician Co-Leader, Translational Science Leader ○ Sarcoma Oncology Service Line Sylvester Comprehensive Cancer Center, Miller School of Medicine ○ Physician - GRECC Research Scientist, Miami VAMC



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Z	• Kojo S.J. Elenitoba - Johnson, MD ○ Chair, Department of Pathology and Laboratory Medicine ○ James Ewing Alumni Chair of Pathology, Memorial Sloan Kettering Comprehensive Cancer Center • Katie Thoren, Ph.D. ○ Associate Professor of Clinical, Director of Advanced Protein Laboratory at UHealth ○ Director and CLIA Delegate of Special Immunology (SPEP & IFE) at UHealth • Chris Beecher, Ph.D. ○ Chief Scientific Officer, IROA Technologies, LLC
12:30 am	Lunch Networking Event (Spa Garden)
1:30 pm	Distinguished Keynote: “Advancing the Future of Population-Based Cancer Registries”. • Dr. Eric Durbin, DrPH, MS ○ Associate Professor & Interim Chief, Division of Biomedical Informatics, College of Medicine, University of Kentucky ○ President - North American Association of Central Cancer Registries (NAACCR) ○ Director - Cancer Center Informatics Shared Resource Facility, Markey Cancer Institute ○ Director - Kentucky Cancer Registry
2:00 pm	National Alliance of Cancer Center Shared Resources Initiative: Updates on NACCSR Activities • Panel Chair: George S. Grills ○ Associate Director for Shared Resources, Sylvester Comprehensive Cancer Center • Alvaro Monteiro, Ph.D. ○ Associate Center Director, Shared Resources Management, Moffitt Comprehensive Cancer Center • Stephan Schürer, PhD ○ Professor, Department of Pharmacology ○ Director of Digital Drug Discovery, Institute for Data Science & Computing ○ Associate Director of Data Science, Sylvester Comprehensive Cancer Center • Richie Reich, Ph.D. ○ Director of Data Science Shared Resources, Moffitt Comprehensive Cancer Center



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	• Yi Guo, Ph.D., FAMIA ○ Associate Professor & Associate Chair for Data Science; Division Chief, Biomedical Informatics and Data Science, UF Health • Sorena Nadaf-Rahrov, MS, MMI ○ President and CEO, Cancer Center Informatics Society (Ci4CC) • Q&A
2:30 pm	Networking Break (Eden Roc C) • Working Break: Ci4CC initiative AI Collaborative Steering Committee ○ Emory / Yale / UCSD / OHSU / UK / Brown / Miami / Ci4CC
3:00 pm	Session 8: Precision Medicine and Genomic Variability in Solid Tumors • Session Chair: Sophia George, Ph.D. ○ Professor, Gynecological Oncology, Sylvester Comprehensive Cancer Center, University of Miami • Jasmine Plummer, Ph.D. ○ Associate Member, St. Jude Faculty, Director, Center for Spatial OMICs, St. Jude Children's Cancer Research Hospital • Sara Linker, Ph.D. ○ Senior Principal Computational Biologist, Pfizer
3:30 pm	Oracle Health Product Roadmap: Deliver secure, integrated, AI enhanced solutions • Reena Duseja, M.D., MS., ○ Oracle Health & Life Sciences • Christine Swisher, Ph.D. ○ VP AI & Science, Oracle Health and Life Sciences • Chris Lewis ○ Oracle Health and Life Sciences
4:30 pm	Adjourn Day Two : Ci4CC Leadership Steering Committee (Invitation Only)
4:30 pm	Announcing Tempus AI Miami Social Mixer Event: Ocean Social Bar at the Eden ROC • Dennis Urbanek, Senior Director, AI and Data Partnerships at Tempus AI



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Sunday, November 9 (Day Three)

7:00 am	Breakfast (Eden Roc A & B)
7:55 am	Day 3 Kickoff and Welcome Remarks Sarah Rose Butler- Cancer Center Informatics Society
8:00 am	Day 3 Introductions (Eden Roc A & B) - Dr. Eric Durbin, DrPH, MS - Associate Professor & Interim Chief, Division of Biomedical Informatics, College of Medicine, University of Kentucky - President - North American Association of Central Cancer Registries (NAACCR) - Director - Cancer Center Informatics Shared Resource Facility, Markey Cancer Institute - Director - Kentucky Cancer Registry
8:05 am	Session 9: Tech Spotlight Initiative Case Studies "Empowering Compassionate Care: AI Driven Insights for Targeted Clinical Decision-Making" - Session Chair: Sorena Nadaf-Rahrov, MS, MMI - President and CEO, Cancer Center Informatics Society (Ci4CC) - Executive Director, National Cancer Initiatives Program (NCIP) - Jason Grigoryan - CEO, Empower Hope - Josh Anderson - Chief AI Officer, Empower Hope - Dr. Finly Zachariah, M.D. - Associate Chief Medical Information Officer, Medical Director Informatics and Value Based Supportive Care, - City of Hope Comprehensive Cancer Center & Health System. - CEO, EmpowerHope. - Julia Sanchez, M.D., MBA, - Medical Director, Opioid Stewardship Program - Assistant Professor of Clinical Medicine, Division of Geriatrics and Palliative Medicine, The University of Miami Miller School of Medicine
8:45 am	Session 10: CCSG Shared Resources Spotlight Session Introduction - George Grills - Associate Director for Shared Resources, Sylvester Comprehensive Cancer Center



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LIMS for Cancer Center Shared Resources

- Sylvester Comprehensive Cancer Center Data Ecosystem: FAIR Management across Clinical, Research and Operations Data
 - Stephan Schürer, Ph.D., Professor of Molecular and Cellular Pharmacology, University of Miami Miller School of Medicine; Director of Digital Drug Discovery, Institute for Data Science and Computing; Associate Director for Data Science, Sylvester Comprehensive Cancer Center
- LIMS for Cancer Center Shared Resources: Catalyst for Advancing Oncology Research
 - George Grills, Associate Director for Shared Resources, Sylvester Comprehensive Cancer Center
- Impact of LIMS on Genomics Shared Resources
 - Benjamin Currall, Ph.D., Assistant Director, Onco-Genomics Shared Resource, Sylvester Comprehensive Cancer Center
- Ci4CC and LIMS
 - Sorena Nadaf-Rahrov, M.S., President & CEO, Cancer Center Informatics Society (Ci4CC)

Issues of Common Interest for Biomedical Informatics Shared Resources

- Yan Guo, Ph.D.
 - Professor of Public Health Sciences, Director of Biostatistics and Bioinformatics Shared Resource, Sylvester Comprehensive Cancer Center
- Richie Reich, Ph.D.
 - Director of Data Science Shared Resources, Moffitt Comprehensive Cancer Center
- Yi Guo, Ph.D., FAMIA
 - Associate Professor & Associate Chair for Data Science; Division Chief, Biomedical Informatics and Data Science, UF Health
- Karla Ballman, Ph.D.
 - Professor of Biostatistics, Professor of Biostatistics, Associate Director of Quantitative Health Sciences, Director of Bioinformatics Shared Resource, Mayo Clinic Comprehensive Cancer Center

Panel Discussion, Q&A

9:30 am

Distinguished Keynote with Caris Life Sciences:



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	“Clinical Utility of a Whole Exome and Whole Transcriptome approach to Molecular Profiling” ● Mathew Oberley, M.D., Ph.D. ○ Senior Vice President, Chief Clinical Officer & Pathologist in Chief, Caris Life Sciences
10:00 am	Session 11: National Collaborations & Innovation Incubator Roundup & Updates ● Session Chair: Sorena Nadaf-Rahrov, MS, MMI, PhDc ● 2025 / 2026 Initiatives Incubator Fire Side Chat ○ Reena Duseja, M.D., MS., Oracle Health & Life Sciences ○ Jason Porter, M.D., VP Clinical Education, Guardant Health ○ Solomon Moshkevich, MBA, President, Clinical Diagnostics, Natera ○ Alexander Everest, M.D., Chief Strategy Officer, EmpowerHope: ○ Praduman Jain, CEO, Vibrent Health ● Working Group Announcement ○ Embedded EMR CTMS Alliance with NCI-Designated Cancer Centers ○ Mike Hogarth, MD, FACMI, FACP – University of California Davis
11:00 am	Session 12: Health Universe AI Collaborative Initiative: Next Generation Cancer Registries & AI for Everyone ● Initiative Chair: Doug Fridsma, M.D., Ph.D., - Chief Medical Officer Health Universe ● Initiative co-Chair: Sorena Nadaf-Rahrov, MS, MMI, PhDc, President & CEO, Ci4CC ● Fire Side Chat with AI Collaborative Steering Committee:
12:00 pm	Closing Remarks ● Sarah Rose Butler, Cancer Center Informatics Society (Ci4CC) ○ Hold the Dates for the 25th Cancer Center Summit, May 7 – 10, 2026, Downtown San Diego
12:05 pm	Meeting Adjourned



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