



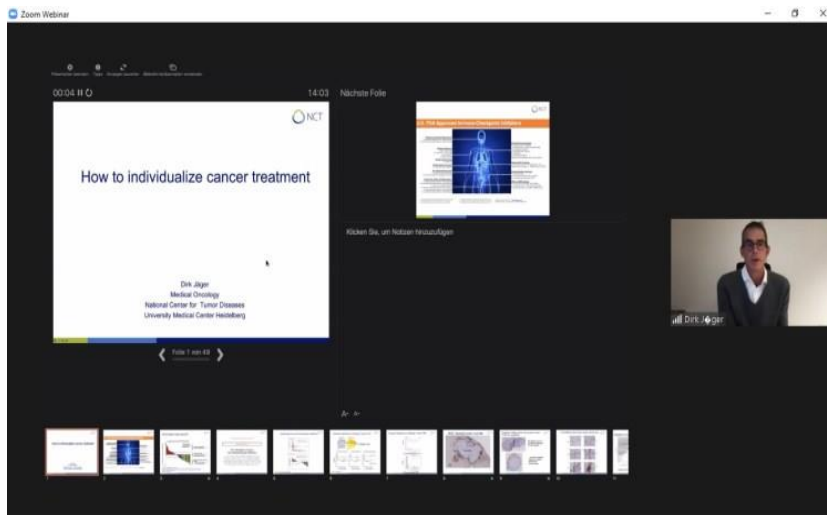
## **Report on the 1<sup>st</sup> Global Cancer Conference**

The 1<sup>st</sup> Annual Global Cancer Conference organized by the Global Cancer Consortium was held on December 2<sup>th</sup>-4<sup>th</sup>, 2021. The conference was organized by faculty of the Mayo Clinic Cancer Centre, Manipal Academy of Higher Education, Tata Memorial Centre, Markey Cancer Centre and Saroj Gupta Cancer Centre and Research Institute. The program's panellists were the session chairs Drs. Keith Knutson, PhD, Professor, Mayo Clinic, Dr. Jill Kolesar, Pharm.D, Professor, University of Kentucky Markey Cancer Center, and Derek Radisky, PhD, Professor and Chair of the Department of Cell Biology, Mayo Clinic, and consortium founding members Dr. Mahadev Rao, Dr. Vivek M Rangnekar, Dr. Dev Mukhopadhyay and Dr Erin Oakley. More than 280 attendees from 15 different countries participated in the three-day conference. There were 15 speakers from 15 different institutes across the world. In addition to the parent institutions, the conference was sponsored by Torrent Pharmaceuticals and Alkem Laboratories. The day specific details of the conference are as follows:

**Day 1:** On December 2<sup>nd</sup>, 2021, the session theme was Cancer Immunology and Immunotherapy. The conference commenced at 8.00 am US EST with a “Welcome Address” given by the consortium chair Dr. Vivek M. Rangnekar, PhD, Professor and Alfred Cohen Chair, University of Kentucky Markey Cancer Center, Lexington, Kentucky, USA. The Cancer Immunology and Immunotherapy session chair Keith Knutson, PhD, Professor, Mayo Clinic,

Jacksonville, USA, then made the opening comments. The first speaker Dr. Dirk Jäger, MD, Medical Director of German Cancer Research Center, Heidelberg, Germany, spoke on "Individualization of Immunotherapy Strategies in CRC". At 8.45 am, Dr Peter Schmid, FRCP, MD, PhD, Chair of Cancer Medicine at the Barts Cancer Institute, Queen Mary University of London, United Kingdom, spoke on "Immunotherapy for Breast Cancer". At 9.20 am, Dr. Subbarao Bondada, PhD, Professor at University of Kentucky Markey Cancer Center, Lexington, KY, USA, expounded on the "Role of IL-10 in Anti-tumor Responses to Chronic Lymphocytic Leukemia". The next speaker, Dr Paulina Velasquez, MD, Assistant Professor at St Jude Children's Research Hospital, Memphis, TN, USA, expatiated the topic of "CAR T Cell Therapy for Hematological Malignancies: A Pediatric Perspective". The session chair Dr. Knutson then spoke about on "New Development in Cancer Vaccination". Dr. Andrew D. Weinberg, PhD, Professor and Judith A. Hartman Endowed Chair for the Laboratory of Basic Immunology at the Earle A. Chiles Research Institute Providence Cancer Institute, Portland, Oregon, USA, gave the last talk, on "OX40 Agonists Enhance Tumor Ag-specific T Cell Responses in Cancer Patients". The day ended with the closing remarks by the session chair Dr. Keith Knutson.

The screenshot displays a Zoom Webinar interface for the 'GLOBAL CANCER CONSORTIUM' event. The main slide features the title 'Cancer Immunology/Immunotherapy' for 'December 2, 2021' (8:00 am - 11:30 am Eastern [UTC-5]). It lists several speakers with their photos and affiliations: Dirk Jäger (MD, German Cancer Research Center), Peter Schmid (FRCP, MD, PhD, Barts Cancer Institute), Subbarao Bondada (PhD, University of Kentucky), Paulina Velasquez (MD, St. Jude Children's Research Hospital), and Andrew D. Weinberg (PhD, Earle A. Chiles Research Institute). A timeline of the event is also visible, starting with a welcome by Heidi M. Sager and ending with closing remarks by Heidi Chen. A small video window on the right shows a speaker's face.





## Immunotherapy in breast cancer

Professor Peter Schmid, MD PhD FRCP

Lead, Centre for Experimental Cancer Medicine  
Barts Cancer Institute, St Bartholomew's Hospital  
Queen Mary University of London



Queen Mary  
University of London

Barts Health  
NHS

Zoom Webinar

Role of IL-10 in Anti-tumor Responses to Chronic Lymphocytic Leukemia

Subbarao Bondada  
Department of Microbiology, Immunology & Molecular Genetics  
Markey Cancer Center, Cell Signaling Group,  
University of Kentucky

December 2, 2021

Zoom Webinar



# CAR T Cell Therapy for Hematological Malignancies: A Pediatric Perspective

Paulina Velasquez, MD  
St. Jude Children's Research Hospital



<https://jco.org>




Paulina Velasquez

MAYO CLINIC Cancer Center Zoom

## New Developments in Cancer Vaccines

Development of a novel Th17-inducing vaccine to prevent recurrence after first line therapy of ovarian cancer

\*Keith L. Knutson, PhD  
Professor  
Department of Immunology  
Department of Cancer Biology  
Mayo Clinic in Florida



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Chat 2021 Global Cancer Conference Raise Hand More



Highlights of Day 1 are available at: <https://glocacon.org/dec-2-2021-cancer-immunology-immunotherapy-highlights/>

**Day 2:** The session theme for the second day was on Precision Medicine. The opening comments were given by the session chair Dr. Jill Kolesar, PharmD, Professor, University of Kentucky Markey Cancer Center, Lexington, Kentucky, USA. Five different talks in precision medicine were delivered on the second day. Dr. Shridar Ganesan, MD, PhD, Professor, Rutgers Cancer Institute of New Jersey, New Brunswick, New Jersey, USA, gave a lecture on "Aiming Targeted Therapy: Monitoring Clonal Dynamics in the Clinic". Dr. Susanne Arnold, MD, Professor, University of Kentucky Markey Cancer Center, Lexington, Kentucky, USA, further delivered a talk on "Update on Targeted Therapy for Lung Cancer in 2021". Dr. Mark Burkard, MD, PhD, Professor, University of Wisconsin, Madison, Wisconsin, USA, presented a talk on "Academic-Community Collaboration for Precision Oncology". Dr Lorna Rodriguez, MD, PhD, Professor, City of Hope Comprehensive Cancer Center, Duarte, California, USA, did the last session of the day on "Incorporating Tumor Molecular Profiling in Standard Gynecologic Cancer Care". The closing remarks were given by session chair, Dr. Jill Kolesar, PharmD.

You are viewing Dr. Korfel's screen

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**Precision Medicine  
Global Cancer  
Conference**

Dr. Korfel, Ph.D., M.D.  
Professor, College of Pharmacy and Medicine  
Co-Director, Markey Molecular Cancer Center  
Dr. Korfel's address  
December 2, 2021

Markey  
Cancer Center  
MCC

**Aiming Targeted Therapy: Monitoring clonal  
dynamics of cancer in the clinic**

Remove Pin

Shridar Ganesan

Shridar Ganesan, M.D., Ph.D.  
Associate Director for Translational Science  
Chief, Section of Molecular Oncology  
Omar Boraie Chair in Genomic Science  
Professor of Medicine and Pharmacology  
Rutgers Cancer Institute of New Jersey  
Rutgers, The State University of New Jersey

Zoom Webinar

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Susanne Arnold

Mark Burkard

Erin Oakley

Lorna Rodriguez

Mark Burkard

Erin Oakley

Verline Jullien

Lorna Rodriguez

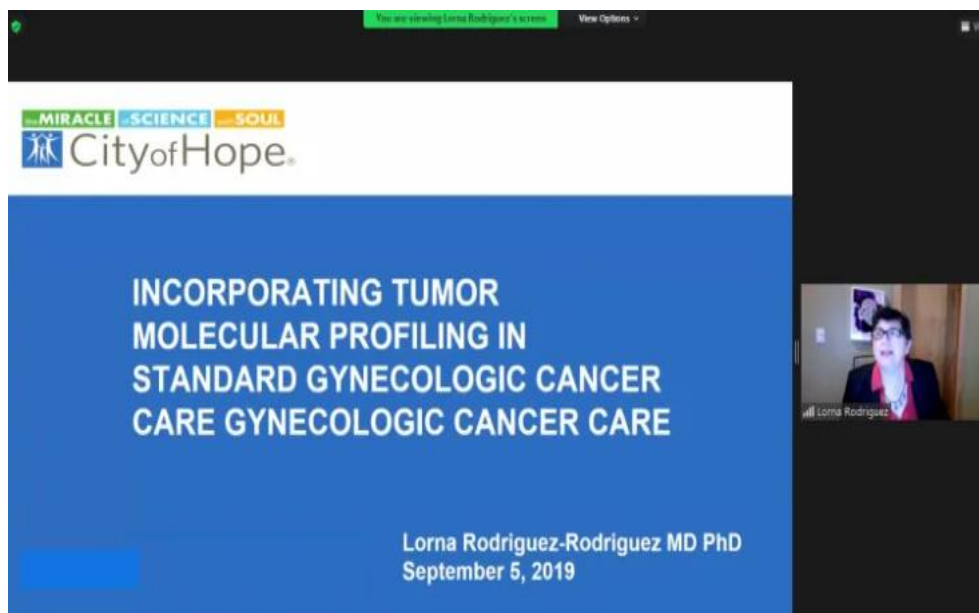
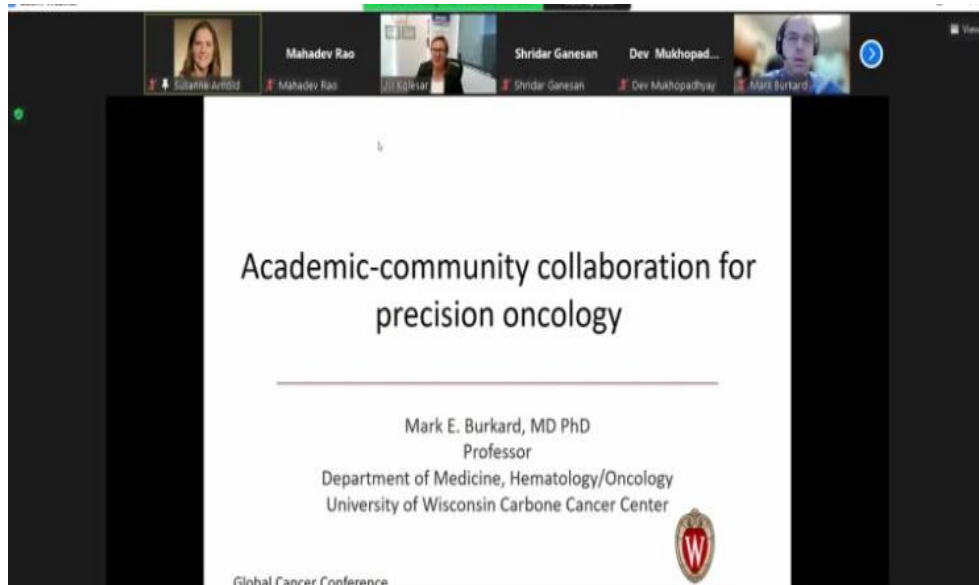
Derek Radtzy

**Update on Targeted Therapy  
for Lung Cancer in 2021**

**Susanne M. Arnold, MD**

Professor, Division of Medical Oncology  
Markey Cancer Center  
Associate Director of Clinical Translation

December 3, 2021

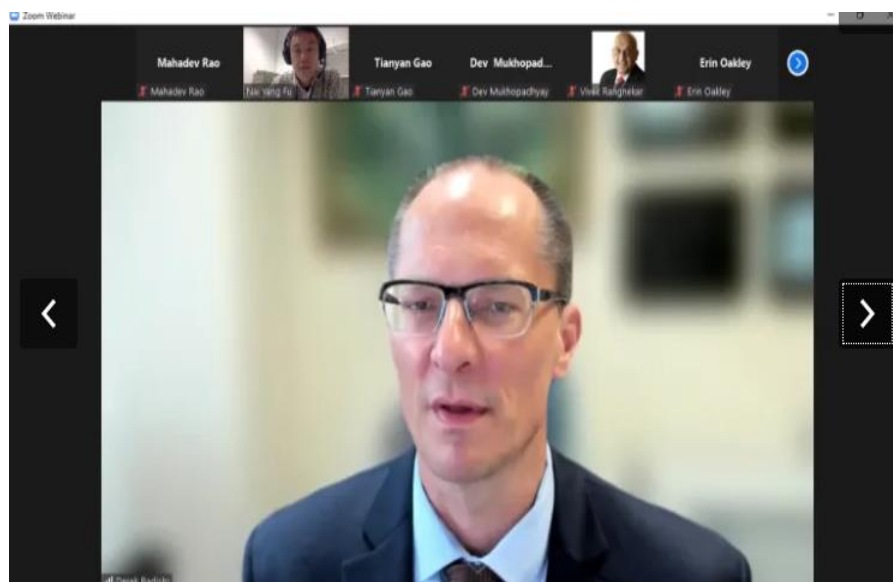


The highlights of day 2 are available at: <https://glocacon.org/dec-3-2021-precision-medicine-day-2-highlights/>

**Day 3:** The theme of the final day of the conference was Cancer Stem Cells. Five different speakers talked about their research in cancer stem cells and potential targets for cancer therapy . The opening comments were given by session chair Dr. Derek Radisky, PhD, Professor and Chair, Department of Cancer Biology, Mayo Clinic, Jacksonville, USA. Dr. Nai Yang Fu, PhD,



Assistant Professor, Duke-NUS, Singapore, discussed the "Molecular Regulation of Quiescent Mammary Stem Cells". Followed by Dr. Marilene Hohmuth Lopez, PhD, Assistant Professor at Institute of Biomedical Sciences, University of São Paulo, Brazil, delivered a talk on "Signaling Hubs in Glioblastoma Biology: Prion Protein as Orchestrator". The third speaker Dr Verline Justilien, PhD, Assistant Professor at Mayo Clinic, Jacksonville, Florida, USA, delivered a talk on "Cancer Stem Cells in Lung Cancer Tumorigenesis and Treatment". Dr Sanjeev Waghmare, PhD, Scientist at the Tata Memorial Centre, Navi Mumbai, India, then spoke on "Sfrp1 in Tumor Initiation and Cancer Stem Cells Regulation in Squamous Cell Carcinoma". The last speaker of the event was Dr. Tianyan Gao, PhD, Professor and Interim Chair of the Department of Molecular and Cellular Biochemistry, University of Kentucky, Lexington, Kentucky, USA, who spoke on "Uncovering the Role of Mitochondria in Regulating Colon Cancer Stem Cells." Question and answer sessions were conducted after the completion of every talk. Finally, the "Vote of Thanks" was delivered by Vivek M. Rangnekar, PhD, on behalf of the conference organizers, the Global Cancer Consortium.



Zoom Webinar You are viewing Nai Yang Fu's screen View Options

**DukeNUS** Medical School

**Walter+Eliza Hall** Institute of Medical Research

## Molecular Regulation of Quiescent Mammary Stem Cells

Nai Yang Fu

1<sup>st</sup> Annual Global Cancer Conference

4<sup>th</sup> Dec, 2021

Zoom Webinar You are viewing Marilene Hohmuth Lopes's screen View Options

Tianyan Gao Verline Justilien Dev Mukhopadhyay Vivek Rangheta Erin Oakley

Satvik Vaghmare Tianyan Gao Verline Justilien Dev Mukhopadhyay Vivek Rangheta Erin Oakley

## Signaling hubs in glioblastoma biology: prion protein as orchestrator?

ICB USP

BCD

GLOBAL CANCER CONSORTIUM

Marilene Hohmuth Lopes

Laboratory of NEUROBIOLOGY & STEM CELLS

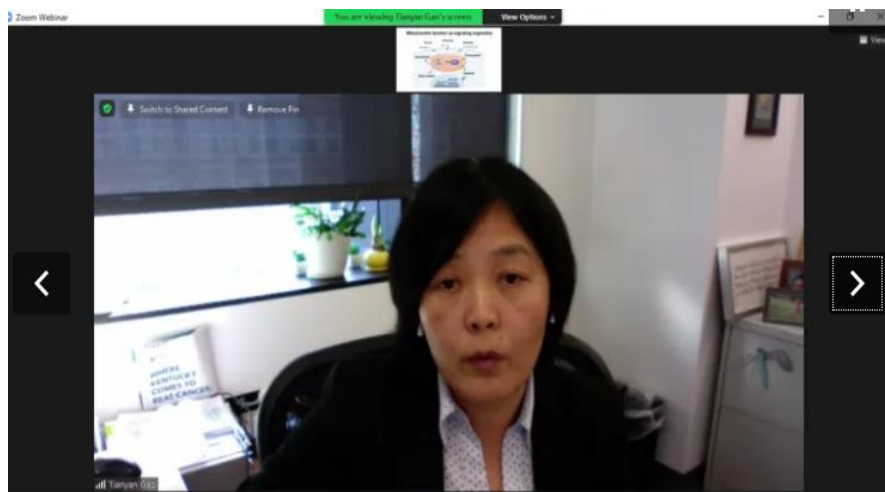
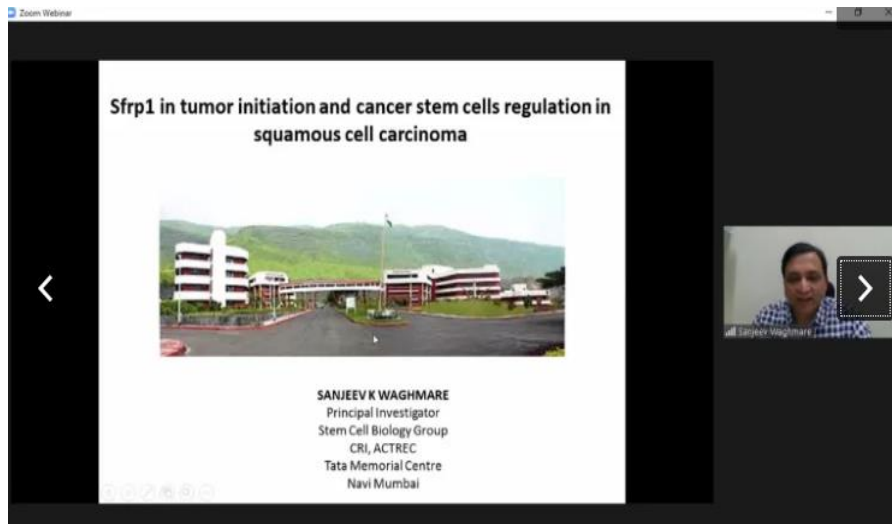
Zoom Webinar You are viewing Verline Justilien's screen View Options

**MAYO CLINIC**

## Cancer Stem Cells in Lung Cancer Tumorigenesis and Treatment

Verline Justilien, Ph.D.  
Department of Cancer Biology  
Mayo Clinic Jacksonville

Global Cancer Conference December 03, 2021



The highlights of day 3 are available at: <https://glocacon.org/dec-4-2021-cancer-stem-cells-day-3-highlights/>

The organizers are thankful to the leadership at the Mayo Clinic, Markey Cancer Center, Vice-chancellor and Deans of KMC, Manipal and Manipal College of Pharmaceutical Sciences, Tata Memorial Centre, and Saroj Gupta Cancer Centre and Research Institute, for their encouragement and constant support for the conference.

The Agenda for each day of the conference is shown below.

## Global Cancer Conference

# Cancer Immunology/Immunotherapy

December 2, 2021

8:00 am Eastern (UTC-5)



**Keith Knutson, PhD**  
(Session Chair)  
Professor, Mayo Clinic  
Jacksonville, Florida, USA



**Paulina Velasquez, MD**  
Assistant Professor  
St. Jude Children's Hospital  
Comprehensive Cancer Center  
Memphis, Tennessee, USA



**Subbarao Bondada, PhD**  
Professor  
Markey Cancer Center  
University of Kentucky  
Lexington, Kentucky, USA



**Andrew D. Weinberg, PhD**  
Judith A. Hartman Endowed Chair,  
Earle A. Chiles Research Institute  
Providence Cancer Institute  
Portland, Oregon



**Dirk Jäger, MD**  
Medical Director  
National Center for Tumor Diseases  
Head, Medical Oncology  
Heidelberg University Hospital  
Head, Clinical Unit  
German Cancer Research Center  
Heidelberg, Germany



**Peter Schmid, FRCP, MD, PhD**  
Chair, Cancer Medicine  
Barts Cancer Institute  
Queen Mary University of London  
London, United Kingdom

E-mail: [erinjoakley@uky.edu](mailto:erinjoakley@uky.edu)

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# GLOBAL CANCER CONSORTIUM

## GLOBAL CANCER CONFERENCE

**December 2, 2021 (8:00 AM US EST | 6:30 PM IST)**

### **Cancer Immunology/Immunotherapy**

- 8:00-8:05 AM** Welcome by Vivek M. Rangnekar, PhD, Professor and Alfred Cohen Chair, University of Kentucky Markey Cancer Center, Lexington, Kentucky, USA, and Chair, Global Cancer Consortium
- 8:05-8:10 AM** Opening Comments by Session Chair: Keith Knutson, PhD, Professor, Mayo Clinic, Jacksonville, USA
- 8:10-8:40 AM** Dirk Jäger, MD, German Cancer Research Center, Heidelberg, Germany  
"Individualization of Immunotherapy Strategies in CRC"
- 8:40-8:45 AM** Q&A
- 8:45-9:15 AM** Peter Schmid, FRCP, MD, PhD, Queen Mary University of London, United Kingdom  
"Immunotherapy for Breast Cancer"
- 9:15-9:20 AM** Q&A
- 9:20-9:50 AM** Subbarao Bondada, PhD, University of Kentucky Markey Cancer Center, Lexington, KY, USA  
"Role of IL-10 in Anti-tumor Responses to Chronic Lymphocytic Leukemia"
- 9:50-9:55 AM** Q&A
- 9:55-10:05 AM** Break
- 10:05-10:35 AM** Paulina Velasquez, MD, St Jude Children's Research Hospital, Memphis, TN, USA  
"CAR T Cell Therapy for Hematological Malignancies: A Pediatric Perspective"
- 10:35-10:40 AM** Q&A
- 10:40-11:10 AM** Keith Knutson, PhD, Mayo Clinic, Jacksonville, USA  
"New Development in Cancer Vaccination"
- 11:10-11:15 AM** Q&A
- 11:15-11:45 AM** Andrew D. Weinberg, PhD, Providence Cancer Institute, Portland, Oregon, USA  
"OX40 Agonists Enhance Tumor Ag-specific T Cell Responses in Cancer Patients"
- 11:45-11:50 AM** Q&A
- 11:50-11:55 AM** Closing Remarks by Session Chair: Keith Knutson, PhD



# Precision Medicine

December 3, 2021

8:00 am Eastern (UTC-5)



**Jill Kolesar, PharmD**  
(Session Chair)  
Professor, and Director,  
Precision Medicine Clinic  
Markey Cancer Center  
University of Kentucky  
Lexington, Kentucky,  
USA



**Mark Burkard, MD, PhD**  
Professor  
Hematology/Oncology  
University of Wisconsin-Madison  
Wisconsin, USA



**Susanne Arnold, MD**  
Professor and Associate Director  
Markey Cancer Center  
University of Kentucky  
Lexington, Kentucky, USA



**Shridar Ganeshan, MD, PhD**  
Professor and Associate Director  
for Translational Science  
Chief, Molecular Oncology  
Rutgers Cancer Institute of  
New Jersey, USA



**Lorna Rodriguez, MD, PhD**  
Professor  
Gynecologic Oncology  
City of Hope  
Comprehensive Cancer Center  
Duarte, California, USA

E-mail: [erinjoakley@uky.edu](mailto:erinjoakley@uky.edu)

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# GLOBAL CANCER CONSORTIUM

## GLOBAL CANCER CONFERENCE

**December 3, 2021 (8:00 AM US EST | 6:30 PM IST)**

### **Precision Medicine**

- 8:00-8:15 AM**    **Opening Comments by Session Chair: Jill Kolesar, PharmD, Professor  
University of Kentucky Markey Cancer Center, Lexington, Kentucky, USA**
- 8:15-8:50 AM**    **Shridar Ganesan, MD, PhD  
Rutgers Cancer Institute of New Jersey, New Brunswick, New Jersey, USA  
"Aiming Targeted Therapy: Monitoring Clonal Dynamics in the Clinic"**
- 8:50-8:55 AM**    **Q&A**
- 8:55-9:30 AM**    **Susanne Arnold, MD  
University of Kentucky Markey Cancer Center, Lexington, Kentucky, USA  
"Update on Targeted Therapy for Lung Cancer in 2021"**
- 9:30-9:35 AM**    **Q&A**
- 9:35-9:45 AM**    **Break**
- 9:45-10:20 AM**    **Mark Burkard, MD, PhD, University of Wisconsin, Madison, Wisconsin, USA  
"Academic-Community Collaboration for Precision Oncology"**
- 10:20-10:25 AM**    **Q&A**
- 10:25-11:00 AM**    **Lorna Rodriguez, MD, PhD  
City of Hope Comprehensive Cancer Center, Duarte, California, USA  
"Incorporating Tumor Molecular Profiling in Standard Gynecologic Cancer  
Care"**
- 11:00-11:05 AM**    **Q&A**
- 11:05-11:10 AM**    **Closing Remarks by Session Chair: Jill Kolesar, PharmD**



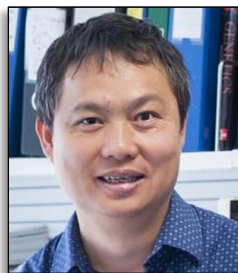
### Cancer Stem Cells

December 4, 2021

8:00 am Eastern (UTC-5)



**Derek Radisky, PhD**  
(Session Chair)  
Professor and Chair  
Cancer Biology  
Mayo Clinic  
Jacksonville, Florida, USA



**Nai Yang Fu, PhD**  
Assistant Professor  
Duke-NUS Medical School  
Singapore



**Sanjeev Waghmare, PhD**  
Scientist  
Tata Memorial Center  
Navi Mumbai, India



**Marilene Hohmuth Lopes, PhD**  
Associate Professor  
Cell and Developmental Biology  
University of São Paulo  
São Paulo, Brazil



**Verline Justilien, PhD**  
Assistant Professor  
Center for Biomedical Discovery  
Mayo Clinic, Jacksonville, USA



**Tianyan Gao, PhD**  
Professor and Interim Chair  
Molecular and Cellular Biochemistry  
Markey Cancer Center  
University of Kentucky  
Lexington, Kentucky USA



**Tessy Thomas Maliekal, PhD**  
Scientist  
Rajiv Gandhi Centre for Biotechnology  
Kerala, India

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# GLOBAL CANCER CONSORTIUM

## GLOBAL CANCER CONFERENCE

**December 4, 2021 (8:00 AM US EST | 6:30 PM IST)**

### **Cancer Stem Cells**

- 8:00-8:10 AM** Opening Comments by Session Chair: **Derek Radisky, PhD**  
Professor and Chair, Department of Cancer Biology, Mayo Clinic, Jacksonville, USA
- 8:10-8:40 AM** **Nai Yang Fu, PhD, Duke-NUS, Singapore**  
“Molecular Regulation of Quiescent Mammary Stem Cells”
- 8:40-8:45 AM** Q&A
- 8:45-9:15 AM** **Marilene Hohmuth Lopez, PhD**  
Institute of Biomedical Sciences, University of São Paulo, Brazil  
“Signaling Hubs in Glioblastoma Biology: Prion Protein as Orchestrator”
- 9:15-9:20 AM** Q&A
- 9:20-9:50 AM** **Verline Justilien, PhD, Mayo Clinic, Jacksonville, Florida, USA**  
“Cancer Stem Cells in Lung Cancer Tumorigenesis and Treatment”
- 9:50-9:55 AM** Q&A
- 9:55-10:05 AM** Break
- 10:05-10:35 AM** **Sanjeev Waghmare, PhD, Tata Memorial Center, Navi Mumbai, India.**  
“Sfrp1 in Tumor Initiation and Cancer Stem Cells Regulation in Squamous Cell Carcinoma”
- 10:35-10:40 AM** Q&A
- 10:40-11:10 AM** **Tianyan Gao, PhD**  
University of Kentucky Markey Cancer Center, Lexington, Kentucky, USA  
“Uncovering the Role of Mitochondria in Regulating Colon Cancer Stem Cells”
- 11:10-11:15 AM** Q&A
- 11:15-11:20 AM** Closing Remarks by Session Chair: **Derek Radisky, PhD**

