

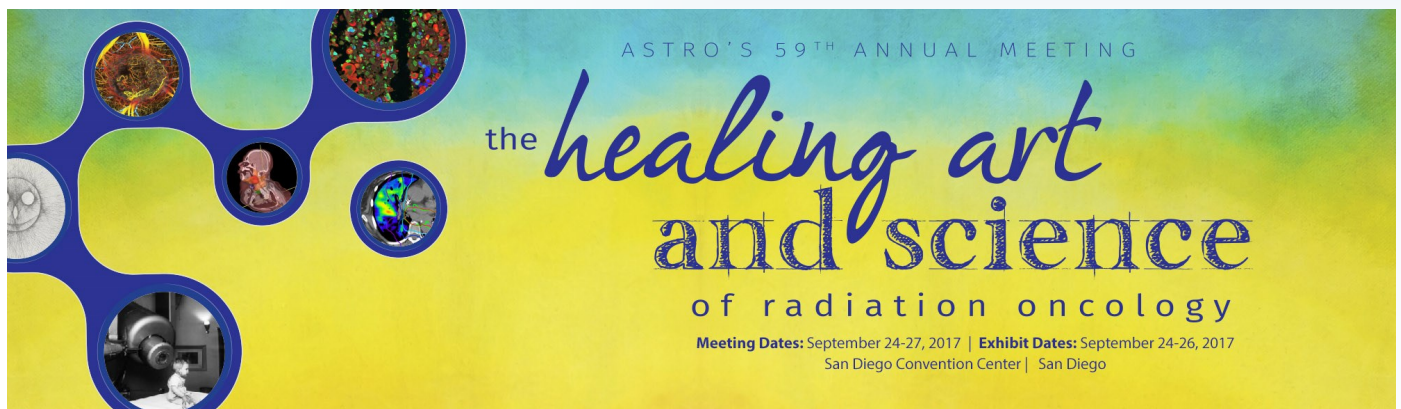


David Geffen  
School of Medicine



## Department of Radiation Oncology

# ASTRO Schedule of Presentations and Activities



**2017 Annual Meeting**  
**September 24 - 27, 2017**  
**San Diego Convention Center**  
**San Diego, California**

## Saturday, September 23

10:00 AM - 5:15 PM

Rm 29 A/B/C/D

[ARRO Annual Seminar \(INTERACTIVE\)](#)

10:15 am

Global Health Scholar Presentation

Puja Shweta Venkat, MD

Shefali Gajjar, MD

Steven Lau, MD, PhD

## Sunday, September 24

4:45 - 6:15 PM

Rm 30 A/B/C

[Joint Session 1](#)

[ASTRO-SITC Joint Session: Clinical Implications of New Findings on the Immunogenic Effects of Radiation \(INTERACTIVE\)](#)

5:10 p.m.

Clinical Relevance of Recent Research for Prostate Cancer

William McBride, DSc, PhD

[Poster Viewing Q&A 1: GU, Biology](#)

1:15 - 2:45 PM

**Presentation No : 2570** John Hegde, MD

Prostate Cancer Antigen 3 Score Does Not Predict for Adverse Pathologic Features at Radical Prostatectomy or for Progression-Free Survival in Intermediate- and High-Risk Prostate Cancer

**Presentation No : 2593** Amar Kishan, MD

Stereotactic Body Radiotherapy for High-Risk Prostate Cancer: Preliminary Toxicity Results of a Phase 2 Trial

**Presentation No : 2628** Kiri Sandler, MD

Whole Pelvis Radiation Therapy Does Not Significantly Improve Prostate-Cancer Specific Survival in Patients With Gleason Score 9-10 Prostate Adenocarcinoma: An Analysis of 942 Patients Treated in the Modern Era

4:45 - 6:15 PM

Rm 8

Scientific Session 04

[Lung 1 - SBRT](#)

4:55 p.m. - Presentation No : 34

Results from a Prospective Phase 2 Trial Evaluating Safety and Efficacy of Combining Stereotactic Body Radiation Therapy with Radiofrequency Ablation for Centrally Located Lung Tumors

Percy Lee, MD

Posters - Hall C

**Presentation No : 2629** Kiri Sandler, MD

Dramatic Polarization in Genitourinary Expert Opinions Regarding the Clinical Utility of Advanced Imaging Technologies in Prostate Cancer

**Presentation No : 2664** Ye Yuan, MD, PhD

Testosterone Levels and Sexual Quality of Life Following Stereotactic Body Radiation Therapy for Prostate Cancer: A Multi-institutional Analysis of Prospective Trials

## Monday, September 25

7:45 - 9:00 AM

Rm 5A

Scientific Session 08

HSR 1 - Health Care Costs

8:05 a.m. - Presentation No : 79

Cost-Effectiveness Analysis of the Oncotype DX Genomic Prostate Score for Guiding Treatment Decisions in Patients With Early Stage Prostate Cancer

Eric Michael Chang, MD

7:45 - 9:00 AM

Rm 5B

Scientific Session 09

[Patient Reported Outcomes](#)

8:05 a.m. - Presentation No : 85

The Patient's Perspective on Breast Radiation Therapy: Initial Fears and Expectations Versus Reality

Narek Shaverdian, MD

10:45 - 12:15 PM

Rm 7A/B

Scientific Session 12

[Head and Neck 1 - Chemoradiation for Head and Neck Cancer](#)

10:45 a.m. - Presentation No : 90

Functional Outcomes after De-escalated Chemoradiation For Human Papillomavirus-Positive Oropharyngeal Cancer: Findings from a Phase 2 Trial

John Hegde, MD

10:45 - 12:15 PM

Rm 6B

Educational Session—14

[Translating Hypofractionation Trials in Prostate Cancer to Clinical Practice](#)

11:45 a.m.

Treatment Planning and Delivery for Hypo-fractionated Stereotactic Body Radiotherapy

Nzhde Agazaryan, PhD, MS

## Monday, September 25, Cont'd

**3:45 - 4:15 PM** Hall B2-G, Booth #3709  
**Meet the Expert Session - Lung**  
[Meet The Expert - Percy Lee, MD](#)

**6:00 - 8:00 PM** Gaslamp District  
**ASTRO Annual Alumni and Friends Reception  
and Gold Medal Celebration**  
*The Whiskey House, 420 Third Ave, San Diego, CA*

### [Poster Viewing Q&A 3: Breast, GYN, Nursing](#)

**10:45 - 12:15 PM**

**Presentation No : 2040** John Hegde, MD  
Factors Associated With MRI Screening in Women With a Personal History of Invasive, Unilateral Breast Cancer Predominately Encompass Detectability Concerns Rather Than Future Breast Cancer Risk

**Posters - Hall C**

### [Poster Viewing Q&A 4: Physics](#)

**4:15 - 5:45 PM**

**Presentation No : 3633** Steve Pai-hsun Lee, MD, PhD  
Biologically Effective Dose-Volume Analysis for Patients Treated with Moderately Hypofractionated IMRT for Unresectable Lung Cancer

**Presentation No : 3695** Xiangrong (Sharon) Qi, PhD  
Fast, Low-Dose Megavoltage-Topogram Localization in a Helical IGRT Unit: Initial Clinical Experience with Mesothelioma Patients

**Presentation No : 3744** Chenyang Wang, MD, PhD  
Dose-Dependent Increase in Solid Tumor Heterogeneity Measured by the Standard Deviation of T2 Relaxation Time Constant

**Posters - Hall C**

**Presentation No : 3757** Kaley Woods, MS  
Cochlea-Sparing Acoustic Neuroma Treatment with 4p Radiation Therapy

**Presentation No : 3766** Yingli Yang, PhD  
Longitudinal Diffusion MRI for Early Assessment of Treatment Response in Sarcoma Patients After Preoperative Radiation Therapy

**Presentation No : 3767** Youming Yang, PhD  
Gold Nanoparticle Dose Enhancement of Inverse-Compton Based Monoenergetic Photon Beams: A Monte Carlo Evaluation

## Tuesday, September 26

**7:45 - 9:00 AM** Rm 5A  
Scientific Session 22

### [Late-breaking Abstracts Special Session](#)

**7:54 a.m.**

**Presentation No : LBA-9**  
68Ga-PSMA PET/CT mapping of early biochemical recurrence (PSA <1 ng/mL) after primary surgery in 270 patients: Impact on Salvage Radiotherapy Planning  
**Nicholas George Nickols, MD, PhD**

**1:00 - 2:30 PM** Rm 2

### [Workshop 05](#)

#### [CROPS - Getting from the Bench to the Bedside: How to Translate Lab Findings into Clinical Trials](#)

**1:54 p.m.**

How to design scientific end points in clinical trials  
**Joanne Weidhaas, MD, PhD**

**10:15 - 11:30 AM** Ballroom 20

**Awards Ceremony - ASTRO Gold Medal**  
**Michael Steinberg, MD**

### [Poster Viewing Q&A 6: CNS, Head and Neck, Sarcoma](#)

**2:45 - 4:15 PM**

**Presentation No : 2161** Audrey Dang, MD  
Adjuvant and Salvage Radiation Therapy for Atypical Meningioma: A Retrospective Review of a Single Institution Experience at the University of California at Los Angeles from 1999-2015

**Presentation No : 3792** Anusha Kalbasi, MD  
5-Day Hypofractionated Preoperative Radiation Therapy in Soft Tissue Sarcoma: Preliminary Toxicity and Pathologic Outcomes from a Prospective Phase 2 Study

**Posters - Hall C**

### [Poster Viewing Q&A 7: GI, Hematologic](#)

**4:45 - 6:15 PM**

**Presentation No : 2395** Percy Lee, MD  
Phase 1 Study of Stereotactic Body Radiation Therapy for Liver Tumors Utilizing an MRI-Guided Tri-Co Teletherapy System

**Presentation No : 2469** Chenyang Wang, MD, PhD  
Cancer-Specific Mortality of Right- Versus Left-Sided Colorectal Adenocarcinoma: A Surveillance, Epidemiology, and End Results Database Analysis

**Posters - Hall C**

## Wednesday, September 27

11:00 - 12:30 PM

Rm 1 A/B

Scientific Session 38

### [GU 3 - Emerging Outcomes for Aggressive Prostate Cancers Treated with Upfront Radiotherapy](#)

11:10 a.m.

**Presentation No : 282**

**Amar Kishan, MD**

Extremely Dose Escalated Radiation Therapy Improves Cancer- Specific Survival Compared With Radical Prostatectomy or Conventionally Dose-Escalated Radiation Therapy in Gleason Score 9-10 Prostate Adenocarcinoma: A Multi-institutional Analysis of 1403 Patients

11:40 a.m.

**Presentation No : 285**

**Kiri Sandler, MD**

Clinical Outcomes for Patients With Gleason Score 10 Prostate Adenocarcinoma: Results From a Multi-institutional Consortium Study

12:00 p.m.

**Presentation No : 287**

**Amar Kishan, MD**

Longer-Term Androgen Deprivation Therapy Improves Cancer- Specific Survival in Patients With Gleason Score 9 -10 Prostate Adenocarcinoma: An Individual Patient-Level Meta-analysis of RTOG 8531, 8610, and 9202

1:30 - 3:00 PM

Rm 1 A/B

Scientific Session 41

### [GI 3 - Clinical Results of Esophagogastric and Hepatobiliary Cancers](#)

2:40 p.m. - **Presentation No : 313**

Outcomes Utilizing MRI-Guided and Real-Time Adaptive Pancreas Stereotactic Body Radiotherapy (SBRT)

**Naomi Jiang, MD**

1:30 - 3:00 PM

Rm 30 D/E

Scientific Session 43

### [Lung 4 - Toxicity](#)

1:50 p.m.

**Presentation No : 325**

Impact of Prior Radiation Therapy on the Efficacy and Toxicity of Pembrolizumab in the Treatment of Non-small Cell Lung Cancer

**Narek Shaverdian, MD**

2:50 p.m.

**Discussants: Percy Lee, MD**

3:15 - 4:45 PM

Rm 4

Scientific Session 47

### [Physics 9 - Outcome Analysis and Modeling 2](#)

4:05 p.m.

**Presentation No : 358 Xiangrong (Sharon) Qi, PhD**

Dosimetric Predictors for Quality of Life After Prostate Stereotactic Body Radiation Therapy via Deep Learning Network

### [eP 16 - Physics ePoster Discussion 5 - Delivery Techniques](#)

Rm 5B

1:30 - 3:00 PM

**Discussants:** Eric Klein, PhD, FASTRO  
**Daniel Low, PhD**  
Eric Klein

2:24 p.m.

**Presentation No : 1143 Youming Yang, PhD**

Use of Pd-103 Significantly Enhances Shielding Effect of Intraocular Silicone oil in Plaque Brachytherapy: GEANT4 Monte Carlo Simulations

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