The American Journal of Hematology/Oncology®

New York GU

Interdisciplinary PROSTATE CANCER

AND OTHER GENITOURINARY MALIGNANCIES CONGRESS

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A Message From the Chair

Daniel P. Petrylak, MD

Happy 2018! As we make our way through January and the New Year, I find it beneficial to stop and reflect on how far we've come since the last gathering of **NYGU**TM.

2017 was a year of rapid development across all genitourinary malignancies, especially bladder cancer. We saw the maturation of clinical data leading to 4 immunotherapy approvals in bladder cancer this year alone. Our second-line options have expanded, giving our patients new options and new hope. This past year also brought us new options for other genitourinary cancers, with the approval of cabazitaxel for metastatic prostate cancer and adjuvant sunitinib and low-dose cabozantinib in renal cell carcinoma.

Overall, last year brought us over 40 approved agents across all of oncology/hematology—with even more indications! I marvel at how fast our field is advancing, and how difficult it can be to keep up while maintaining your practice.

That's why I also find myself grateful this New Year for continued medical educational conferences like **NYGU**TM. Now in its 11th year, this **Interdisciplinary Prostate Cancer Congress**® has grown to encompass all **other Genitourinary Malignancies** since is conception. The ability of this conference to bring together leading experts and practicing clinicians is truly unparalleled.

NYGUTM has offered world-class education on the latest in our field for over a decade. I hope you join me in keeping that tradition alive this year. From the latest data to new indications, changes in staging to breakthroughs in standards of care, I can't wait to discuss it with you.

See you in New York!

Daniel P. Petrylak, MD Yale Cancer Center

New Haven, CT



IPCC UPDATE

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JOIN US!

Saturday, March 24, 2018

Crowne Plaza® Times Square Manhattan 1605 Broadway (at 49th Street) New York, NY 10019

A Year in Review

The checkpoint inhibitor revolution began in February of last year with the approval of the PD-1 inhibitor **nivolumab** for the treatment of locally advanced or metastatic bladder cancer following disease progression on or after traditional platinum-based chemotherapy. Results from the phase II CheckMate 275 trial showed 19.6% of patients demonstrated a response on nivolumab.

By the end of May, nivolumab was no longer alone every other late-stage PD-1 or PD-L1 inhibitor under investigation was approved for urothelial cancer in rapid succession. First, **durvalumab**, a PD-L1 inhibitor was approved under the same indication as nivolumab

after a phase I/II trial demonstrated an overall response rate (ORR) of 17.8%. Next was avelumab, another PD-L1 inhibitor with the same indication. Results from the phase I JAVELIN Solid Tumor trial demonstrated an ORR of 16.1% at the time of approval. Subsequent publications have shown a slightly increased ORR.

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For more information and to register visit gotoper.com/go/NYGU18NEWS1





A Year in Review, continued from page 1

A week after the approval of avelumab, pembrolizumab was approved, also for the treatment of locally advanced or metastatic bladder cancer. Support for pembrolizumab's approval came from the phase III KEYNOTE-045 trial, the results of which demonstrated an ORR of 21.1% for patients on the PD-1 inhibitor. Across all patient populations, including high expressers of PD-L1, median OS increased by nearly 3 months. Pembrolizumab was approved on the same day, one year later, as atezolizumab, a PD-L1 inhibitor, with the same indication.

In a further groundbreaking advancement for checkpoint inhibition, also in May, the FDA issued the **first tissue-agnostic** approval for pembrolizumab for patients with unresectable or metastatic, microsatellite instability-high, or mismatch repair deficient, solid tumors that have progressed following initial treatment.

Rounding out a year of advancement in genitourinary malignancies, September saw the approval of lower dose cabazitaxel, a microtubule inhibitor, in combination with prednisone for the treatment of metastatic castration-resistant prostate cancer. November brought us the approval of sunitinib, a small molecule receptor tyrosine kinase, for the adjuvant treatment of patients at high risk of recurrence of renal cell carcinoma (RCC) following surgical resection. Then, finishing the year cabozantinib was approved for advanced RCC in late December.

PREVIEW | Conference Schedule

Welcome

International Congress on Genitourinary Malignancies - Daniel P. Petrylak, MD

Prostate Cancer

Moderated by Daniel P. Petrylak, MD, and Leonard G. Gomella, MD, FACS

Biomarkers in Prostate Cancer - Leonard G. Gomella, MD, FACS

The PSA Screening Controversy: Re-analysis of ERSPC and PLCO Trial Data - E. David Crawford, MD

Challenging Case Debates: Localized Prostate Cancer - Daniel P. Petrylak, MD

Current and Emerging Standards in Radiation Therapy for Prostate Cancer - James B. Yu, MD, MHS

Novel Hormonal Agents for Advanced Castration-Resistant Prostate Cancer - Robert Dreicer, MD, MS, MACP, FASCO

Early Use of Systemic Therapy: Abiraterone Versus Docetaxel for Hormone-Sensitive Prostate Cancer - Celestia S. Higano, MD, FACP

Immune Therapy for Advanced Prostate Cancer - Susan Slovin, MD, PhD

When to Use Isotope Therapy for Advanced Prostate Cancer - Richard G. Stock, MD

DNA Damage Repair: Implications for Next Generation Sequencing and Therapeutic Development in Prostate Cancer - Maha H Hussain, MD, FACP, FASCO

Challenging Case Debates: Best Practices for Advanced Disease - Leonard G. Gomella, MD, FACS

Renal Cell

Moderated by Daniel P. Petrylak, MD

Targeted Therapies in Renal Cell Carcinoma - David I Quinn, MBBS, PhD, FRACP, FACP

Immunotherapy in Renal Cell Carcinoma - Mario Sznol, MD

Evolving Therapeutic Strategies in Renal Cell Carcinoma: Neoadjuvant and Adjuvant Approaches - David M Nanus, MD

Challenging Case Debates: Highlight on Therapeutic Sequencing and Adverse Event Management in Renal Cell Carcinoma - Daniel P. Petrylak, MD

Urothelial Carcinoma

Moderated by Leonard G. Gomella, MD, FACS

Genomics, Genetics and Prostate Cancer - Leonard G. Gomella, MD, FACS

Management of Early Bladder Cancer - Daniel P. Petrylak, MD

Immunotherapy and Other Novel Treatments for Metastatic Urothelial Carcinoma - Daniel P. Petrylak, MD

Challenging Case Debates: Best Practices for Bladder Cancer - Daniel P. Petrylak, MD

FEATURE Checkpoint Inhibition

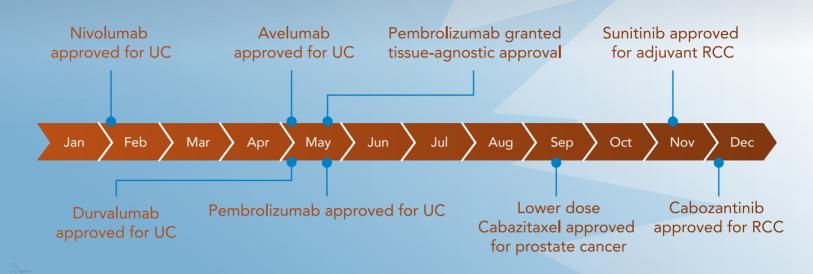
Inhibition of the checkpoint protein programmed cell death protein 1 (PD-1) and its ligand, programmed death ligand-1 (PD-L1), have been an increased focus of immunotherapy strategies across all of oncology. In few other disease types have we made advances as quickly as we have in bladder cancer.

PD-1 and PD-L1 work primarily to suppress an overresponse of the immune system, protecting the body from itself. In healthy individuals, PD-1 is expressed in immune cells, including T cells. PD-L1 meanwhile, is expressed on cells throughout the body, hematopoietic and nonhematopoietic alike. When an inflammation event occurs, PD-1 will bind its ligand to inhibit T-cell induced apoptosis.

Cancer cells have been able to utilize this checkpoint system by expressing PD-L1, disguising cancer cells with the rest of our tissue. As high levels of PD-L1 expression have been linked worsened prognosis in bladder cancer, checkpoint inhibition has been an area of intensive research.

By inhibiting PD-1 or PD-L1, we're able to turn the checkpoint off, taking away the cancer's defense. Now, in 2018 we're able to fight back.

A Year in Approvals



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	Middle Initial		
Last Name		Degree(s)	
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☐ Nursing license			
Are you employed by a for-pro ☐ Yes ☐ No	ofit organization, including biot	ech, financial, and pharmaceut	tical, defined as "Industry" by PER®
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☐ Fellows*	\$119	\$189	2) Fill out the registration form and
☐ Industry **	\$429	\$499	mail it with your payment (checks and credit cards are accepted) to
combined with other discounts/coupon codes **INDUSTRY is defined by PER* as any person For registration assistance, please email info A cancellation fee of 25% will be assessed o on February 25, 2018, through March 10,	by a letter from your director/chair stating currer employed by a for-profit organization, including t @gotoper.com, or call (888) 949-0045 or (60 or refunds requested prior to February 24, 20 2018. No refunds will be made after March ed to the same conference and only two subst	piotech, financial, and pharmaceutical. 9) 378-3701. 118, and a 50% fee on refunds requested 11, 2018. There is no charge for	the address below. Please make checks payable to "Physicians' Education Resource, LLC - NYGU18." 3) Fill out the registration form and fax it to (609) 257-0705 (credit cards only) 4) Call (888) 949-0045
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Practice Setting:

- □ Academic medical center/university
 □ Laboratory/basic research □ Pharmacy
- ☐ Community hospital-based practice
- ☐ Government agency
- Community office-based practice
- Pharmaceutical/biotechnology company
- $\hfill \square$ In training (fellow, resident, student)
- Other

What is your principal activity?

- ☐ Patient care ☐ Clinical research
- 🛮 Administrative 🕒 Teaching/training 🕒 Other

Preferred educational formats:

Live Online Print

referred methods of communication:

Preferred methods of communication:

☐ Phone ☐ Mail ☐ E-mail

Would you like to participate in CME surveys?

☐ Yes ☐ No

How many cancer patients do you treat each month? _

Years practicing medicine_____

Would you like to enroll in the PER Point System?

☐ Yes ☐ No

Registration fees include continental breakfasts, breaks, receptions and e-syllabus materials.

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I come every year and I find it incredibly informative.

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Meet the Co-Chairs! Daniel P. Petrylak, MD



Professor of Medicine, Medical Oncology Director, Prostate and GU Medical Oncology Director, Prostate Cancer Translational Research Program Yale Cancer Center New Haven, CT

Leonard G. Gomella, MD, FACS



The Bernard W. Godwin Professor of Prostate Cancer
Chairman, Department of Urology
Associate Director, Jefferson
Kimmel Cancer Center
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