

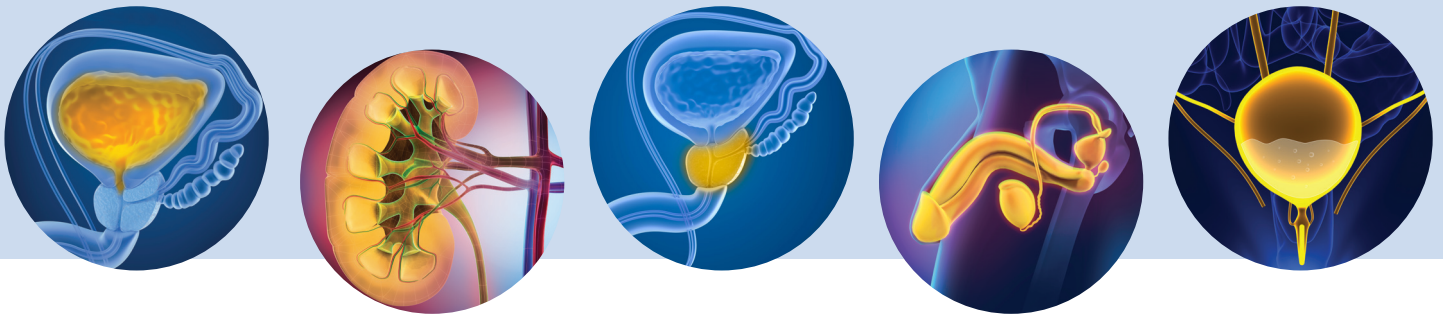
Genitourinary Cancer Center



Roswell Park is New York State's only **National Cancer Institute (NCI) - designated Comprehensive Cancer Center** outside of New York City.

What Sets Us Apart

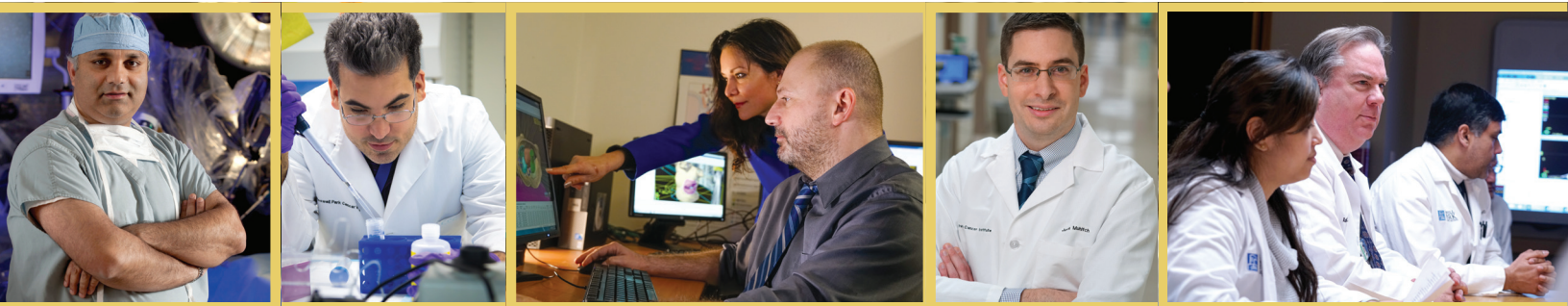
- **Urology physician team with oncology expertise**, focusing exclusively on cancer-specific disease management and development of surgical and technological innovations.
- **Latest robotic surgery advances**. The center that pioneered robotic radical cystectomy and prostatectomy takes it to the next level with female-organ-sparing and nerve-sparing procedures.
- **Multidisciplinary approach** by a team of board-certified oncologists who assess every aspect of each patient's care, and can distinguish patients who should receive treatment in the form of surgery, chemotherapy and/or radiation, from those who can safely avoid or delay treatment with careful surveillance.
- **Clinical trials**, which provide access to the latest emerging treatments — immunotherapy, targeted agents and vaccines — and offer new hope to our patients.



Roswell Park's Genitourinary Cancer Center

Our multidisciplinary team includes board-certified **urologists, medical and radiation oncologists, radiologists** and **genitourinary-dedicated pathologists** who collaborate to provide comprehensive and integrated care — under one roof.

This approach ensures that each patient's treatment plan is optimally coordinated, based on best practices and medical necessity, and aligned with his or her cancer treatment goals. We provide cancer care for patients with all types and stages of malignant and associated disease of the urinary tract.



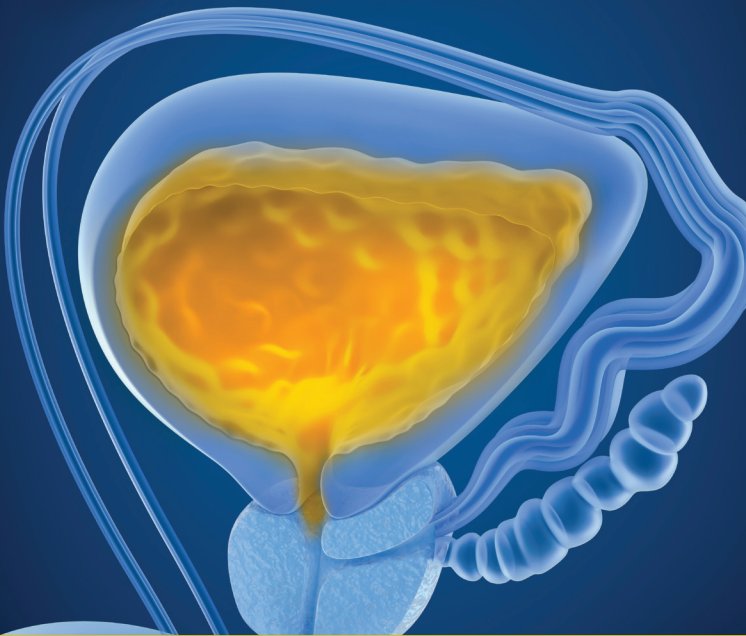
Evidence-based, Quality Care

Roswell Park adheres to the highest quality measures and evidence-based treatment guidelines. In fact, we help establish them. Our physicians sit on several National Comprehensive Cancer Network (NCCN) panels that determine best practices for clinical care and write the treatment guidelines used throughout the world. These Roswell Park physicians serve on the following panels:

- Michael Kuettel, MD, MBA, PhD**, Prostate Cancer
- Khurshid A. Guru, MD**, Bladder Cancer, Penile Cancer
- Saby George, MD**, Kidney Cancer
- Ellis Levine, MD**, Testicular Cancer
- Eric Kauffman, MD**, Prostate Cancer



National
Comprehensive
Cancer
Network



Bladder

Highlights of Our Therapeutic Approaches

- **Neoadjuvant chemotherapy** prior to cystectomy is the new standard of care for patients with muscle-invasive bladder cancer and has been associated with improved survival. We evaluate our bladder cancer patients for eligibility for the treatment, and 40% receive it (compared to <20% nationally).
- **Cystectomy Pathway.** Developed at Roswell Park, this clinical pathway integrates nutrition, exercise (physical therapy), patient education and wellness efforts into surgical management of bladder cancer. Our pathway is based on evidence-based practices that aim to shorten inpatient and ICU stays, reduce complications, expedite recovery and improve outcomes.
- **Minimally invasive surgical techniques.** We pioneered robot-assisted radical cystectomy, lymph node removal and urinary diversion. Today, we've raised the bar to perform female organ-sparing and nerve-sparing procedures.
- **Advanced reconstructive surgery,** including ileal conduit and continent reservoirs such as orthotopic neobladder and our own recently developed intracorporeal technique for W-shaped neobladder.
- **Immunotherapy** with the latest FDA-approved drugs for treatment of advanced and metastatic bladder cancer.
- **Bladder-sparing options** such as intravesical therapy

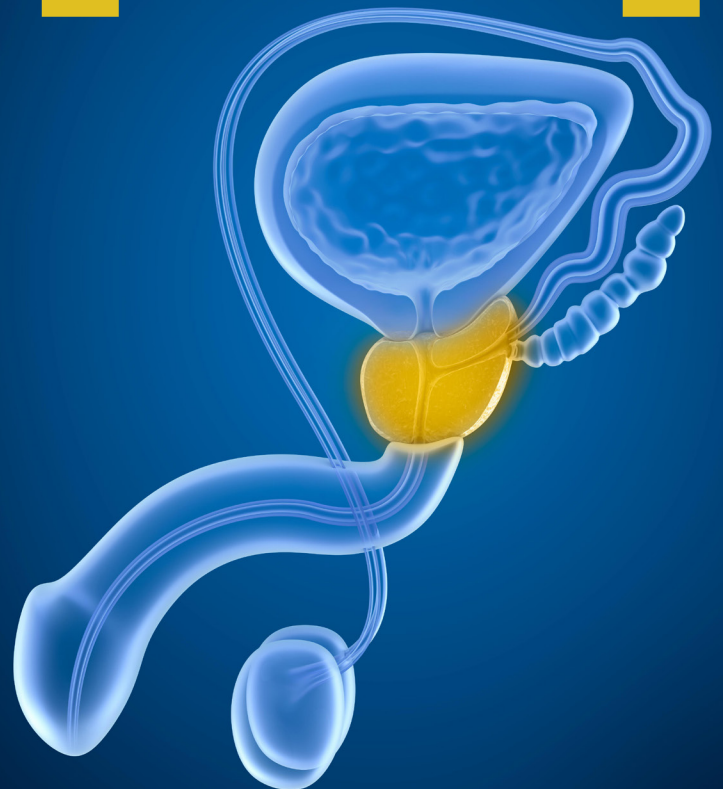
Prostate

Highlights of Our Therapeutic Approaches

- **Robot-assisted radical prostatectomy.** With the experience of more than 2,000 procedures, we consistently perform above national average in achieving cancer-free margins, and preserving erectile function and urinary continence.
- **Androgen deprivation therapy & chemotherapy** for patients with metastatic and refractory disease.
- **Stereotactic Body Radiation Therapy (SBRT),** offering accelerated, more precise radiation in fewer treatment sessions.
- **Clinical trial** of neoadjuvant conditioning of prostate tumor microenvironment prior to surgery or radiation.

HISTORY OF ACHIEVEMENT

Roswell Park pioneered the prostate specific antigen (PSA) test, which became a game-changer in early detection and management of prostate cancer.





Kidney/Adrenal Highlights of Our Therapeutic Approaches

- **Active surveillance** program for small, slow-growing tumors.
- **Kidney-preserving techniques**, including surgical and ablative procedures (cryotherapy and radiofrequency and microwave ablation).
- **Minimally invasive robotic surgery** for partial and radical nephrectomy and adrenalectomy.
- **Targeted drug therapy** for patients with advanced and/or metastatic disease.
- **Immunotherapy** with PD1-PDL1 inhibitors.
- **Complex kidney procedures** in cooperation with gastrointestinal, vascular and cardiac surgeons for tumors that spread to major blood vessels, surrounding organs, or the heart.
- **Clinical trial** of adjuvant immunotherapy combination after surgery for patients with more aggressive tumors.
- **VHL Clinical Care Center** designated by the VHL Alliance, offering multidisciplinary surveillance, early cancer detection and timely treatment to patients with von Hippel-Lindau (VHL), hereditary leiomyomatosis and renal cell carcinoma (HLRCC), Birt-Hogg-Dube (BHD) and other hereditary kidney cancer genetic syndromes.

Testicular/Penile Highlights of Our Therapeutic Approaches

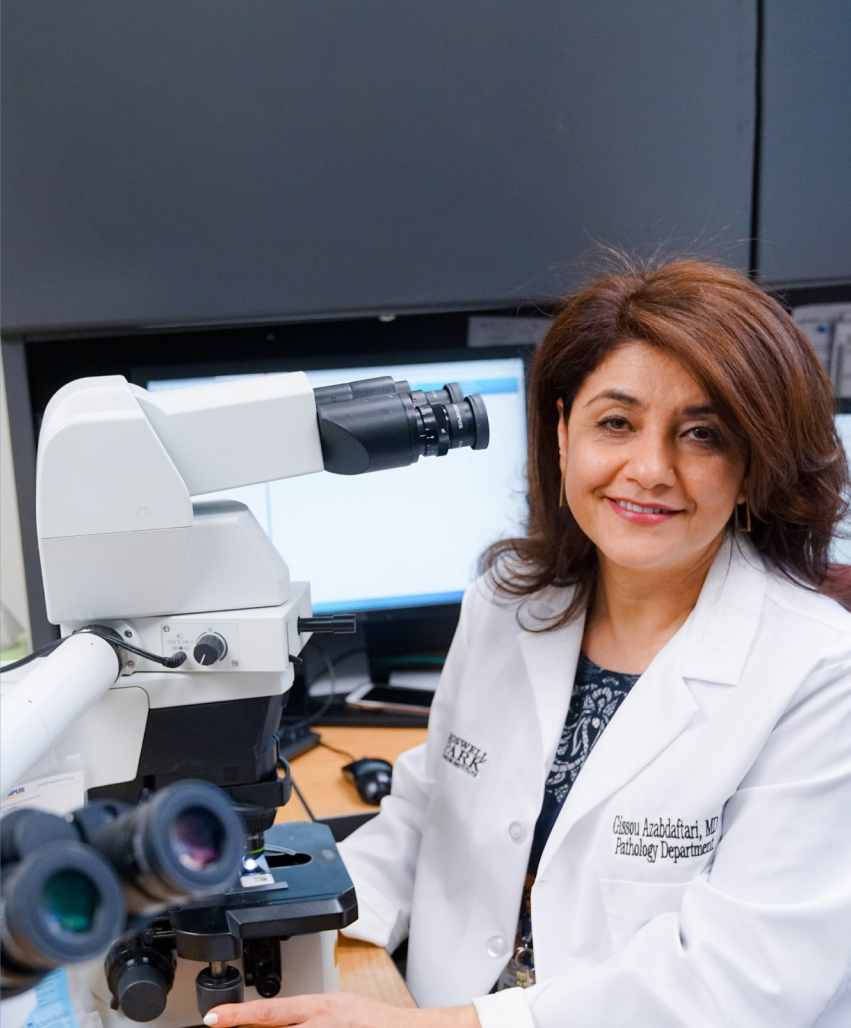
- **Fertility evaluation and preservation** for young patients; includes sperm banking and gonadal shielding during radiotherapy.
- **Radical inguinal orchiectomy**
- **Nerve-sparing retroperitoneal lymph node dissection** to preserve antegrade ejaculation.
- **Chemotherapy** regimen fine-tuned for each individual patient by medical oncologist specializing in testicular cancer
- **Stem cell transplantation.** Our Transplant & Cellular Therapy Center is a high-volume clinic, performing 160 transplants a year, and is one of the nation's top centers.

ACTIVE SURVEILLANCE for Prostate and Kidney Cancer



Active surveillance provides an alternative management option for low-risk prostate and kidney cancers, allowing the delay or avoidance altogether of treatment morbidity. With an evidence-based schedule for monitoring with 3D Tesla MRI-ultrasound, and fusion biopsy, we detect disease progression at its earliest point in order to initiate treatment without missing the window for cure. Most patients are able to avoid treatment long term.

Roswell Park is a leader in the field for active surveillance, and has among the largest number of prostate and kidney cancer patients currently managed with active surveillance in the region and nation. Our physicians always discuss the active surveillance option with patients before proceeding with any treatment.

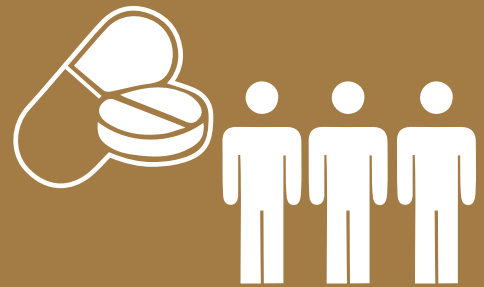


Pathologists who specialize in genitourinary cancers

Our multidisciplinary team includes board-certified pathologists, equipped with the latest knowledge in the field, who specialize in diseases of the urinary tract and male reproductive organs. These pathologists focus on genitourinary specimens every day, providing expert diagnosis through histologic examination and specialized immunological and molecular tests, and offering the most precise information possible to guide treatment decisions and optimal sequencing.

Accurate diagnosis and staging are essential to determining whether active surveillance is a prudent treatment option, and whether organs such as the bladder, kidneys, uterus and more can be preserved — crucial decisions with lifelong quality of life impact. For your patient, it's worth a second opinion.

Contact us for a pathology review.



Clinical Trials

Our robust clinical research program offers patients the very latest approaches

- Immunotherapy prior to prostatectomy for **prostate cancer**.
- Monoclonal antibodies (e.g.: anti-PD-L1, anti-PD-1) in **BCG-unresponsive bladder cancer, locally advanced bladder cancer**, and as maintenance therapy after first-line chemotherapy in **metastatic disease**.
- Phase 1 studies of oral small-molecule agents **on selected incurable cancers**.
- Combination of targeted therapy and monoclonal antibody in patients with **metastatic kidney disease** or at **high risk for kidney cancer relapse**.
- PARP inhibitor for patients with **metastatic, castration-resistant prostate cancer** associated with homologous recombination deficiency.
- Cholesterol-lowering drugs prior to **prostate surgery**.
- Adjuvant immunotherapy after nephrectomy for **kidney cancer**.
- Novel **vaccines** and **T-cell therapy** trials.





Comprehensive Supportive Care

Our patients are surrounded by a range of supportive services aimed at addressing any physical, emotional, spiritual or practical need and include:

- **Quality of life support**, such as stoma care and an ostomy support group.
- **Rehabilitation medicine and prehabilitation therapy** to maximize physical ability, improve comfort and address side effects.
- **Supportive & palliative care** provides support and symptom management to patients facing difficult symptoms such as pain, nausea, poor sleep or anxiety, or who may feel overwhelmed or lack the support they need to get through treatment.
- **Women's sexual health clinic** to address treatment side effects that affect ability to interact intimately.
- **Men's sexual health clinic** to address hormonal problems, erectile dysfunction and urinary continence issues associated with cancer and its treatment.

Clinical Care at Roswell Park

Patients are treated in disease-site specific comprehensive clinical care centers, where all possible treatment options are thoroughly evaluated. Our multidisciplinary teams — including medical, surgical and radiation oncologists, and specialists in hematology, gastroenterology, gynecology, urology, pulmonology, pediatrics and more — work together to ensure your patient's cancer treatments will be optimally coordinated and sequenced, and delivered with compassion and respect.

The **Chemotherapy & Infusion Center** spans two floors of the 11-story Scott Bieler Clinical Sciences Center and offers a panoramic view of Buffalo's downtown skyline and waterfront. Our professional staff, with special training in chemotherapy and other infusion treatments, reflect an unconditional commitment to patient comfort and safety.

Our **Radiation Medicine** department offers the region's most technologically advanced and comprehensively equipped facility. Our team's meticulous approach demands multiple steps — extra measures, care and attention at every phase of the treatment process — that set Roswell Park's quality and safety above others. Our patients receiving radiotherapy may park in a free, on-site parking lot.

Our **Young Adult Cancer program** integrates cutting-edge cancer care with other clinical and supportive services designed specifically for patients in their 20s and 30s. A dedicated oncologist helps navigate young adult patients through services for fertility preservation, financial counseling, emotional and spiritual support, and connect them with network of peers for social events.

High-Risk Clinics

For your patients who face a high cancer risk due to personal or family history, genetic mutations, cancer susceptibility syndromes, smoking history or other criteria, our high-risk clinics provide appropriate screening, surveillance and preventive options to manage risk for these cancers:

- **LUNG** • **OVARIAN** • **BREAST** • **PANCREAS**

To learn whether your patient meets the criteria for these clinics, call **716-845-RPMD (716-845-7763)**.

MEET OUR **PHYSICIAN RELATIONS** LIAISONS

Ashley Snowden, Director
Physician Liaison & Corporate Relations
Ashley.Snowden@RoswellPark.org
or 716-845-3195



Danielle Fleischmann
Danielle.Fleischmann@RoswellPark.org
716-845-1300 ext.5313



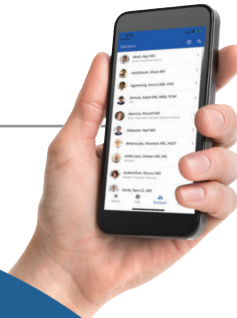
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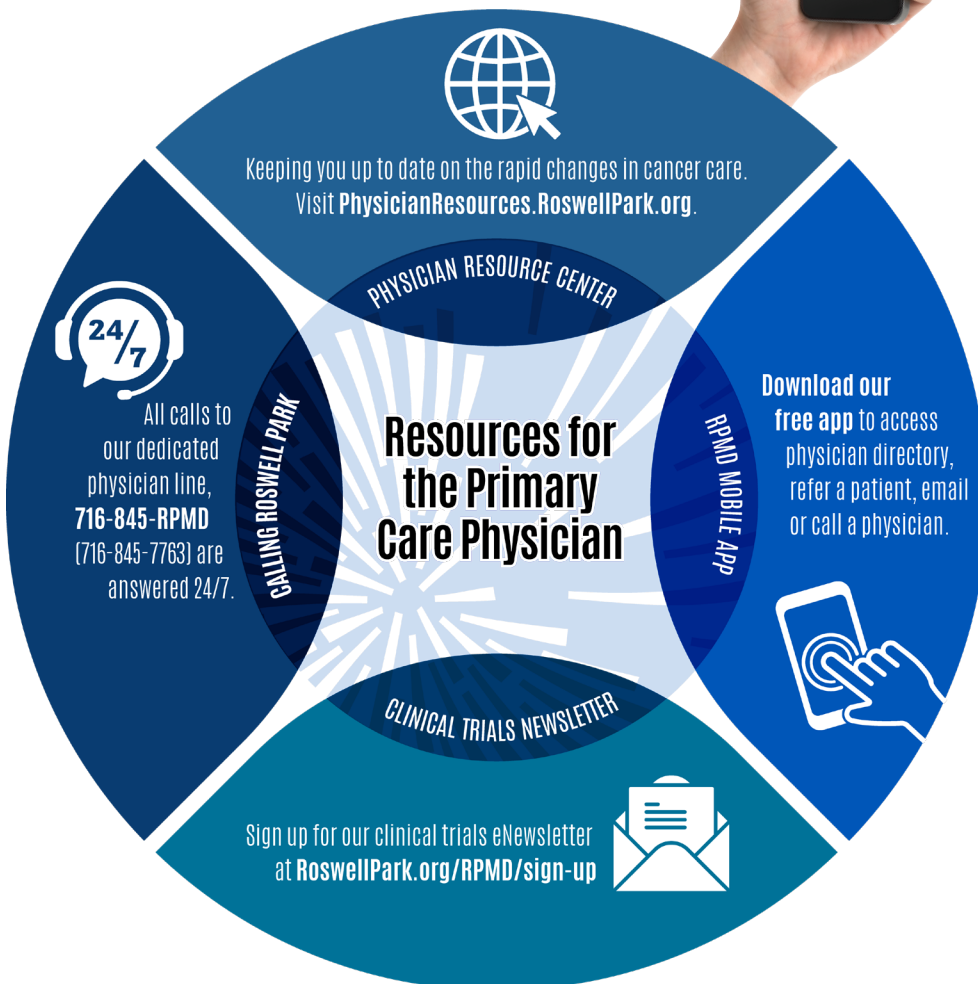
If you have any questions about Roswell Park, please contact one of our Physician Liaisons.



URGENT CARE SUPPORT

Assessment & Treatment Center (ATC)

The ATC supports our patients with urgent but non-life-threatening symptoms that arise between appointments, after hours or on weekends. It is not a walk-in center. Patients should contact their Roswell Park treatment center who can refer them for assessment and treatment by staff with access to their Roswell Park medical records. If their clinic is closed, patients should call **716-845-2300**.



Refer a Patient

Roswell Park accepts all individuals with a suspicion or diagnosis of cancer or related disease. Patients may be referred by their physician or directly seek consultation and treatment.

To consult with one of our physicians, seek a second opinion or refer a patient, call

716-845-RPMD
(716-845-7763).

Meet the Team

As a multidisciplinary comprehensive cancer center, we call upon highly skilled professionals from all areas of cancer care, dedicated to working collaboratively to treat the whole patient, not just the cancer.



Urology

- 1 Khurshid Guru, MD
- 2 Ahmed Aly Hussein Aly, MD
- 3 Eric Kauffman, MD
- 4 Qiang John Li, MD, PhD
- 5 Thomas Schwaab, MD, PhD

Medical Oncology

- 6 Gurkamal Chatta, MD
- 7 Saby George, MD, FACP
- 8 Ellis Levine, MD

Radiation Oncology

- 9 Michael Kuettel, MD, PhD, MBA

Nuclear Medicine

- 10 Dominick Lamonica, MD

Anatomic Pathology

- 11 Gissou Azabdaftari, MD
- 12 Norbert Sule, MD, PhD
- 13 Bo Xu, MD, PhD

Contact Us

To refer a patient, call the RPMD line at **716-845-RPMD** (716-845-7763), Monday through Friday, 8 am-8 pm.



Your patient may prefer to receive cancer care closer to home at one of our Roswell Park Care Network practices, in these convenient locations:

**ROSWELL PARK
NORTHTOWNS**
Williamsville, NY

**ROSWELL PARK
SOUTHTOWNS**
Orchard Park, NY

**ROSWELL PARK
JAMESTOWN**
Jamestown, NY

**ROSWELL PARK
BREAST SURGERY
& MAMMOGRAPHY**
Williamsville, NY

**ROSWELL PARK
DERMATOLOGY**
Depew, NY

**ROSWELL PARK
UROLOGY**
Niagara Falls, NY

Learn more about the services offered at each location at RoswellPark.org/CareNetwork



Elm & Carlton Streets | Buffalo, NY 14263
www.RoswellPark.org/RPMD | 716-845-RPMD (716-845-7763)