

## INITIATIVE 3

# Research



### GOAL

## Revolutionize kidney cancer research through our KCA Data Federation

### THE PROBLEM

There is not a comprehensive database dedicated to kidney cancer that is accessible to all scientists and researchers.

### THE SOLUTION

Through the KCA **Data Federation**, a radical and collaborative new data sharing model to create robust research results, the KCA will fuel education to increase awareness about factors that can improve early detection – understanding symptoms, knowing family history, genetic testing, etc.

### GOAL

## Transform rare kidney cancer care

### THE PROBLEM

75% of kidney cancer patients have clear cell RCC. 25% of kidney cancer patients have a rare subtype with a drastically reduced number of treatment options.

### THE SOLUTION

The KCA will increase support, treatment options, and public awareness for rare kidney cancers fueled by our KCA Data Federation. We will provide support through specific rare kidney cancer education and awareness initiatives and increase diagnostic awareness among physicians about rare kidney cancer subtypes.

**DETAILS:** One specific focus will be to improve earlier diagnosis and better outcomes through research into the genetic changes that cause Wilms Tumor. We will enhance treatment and quality of life for children and their families through education and support and create specific education initiatives at IKCS surrounding rare kidney cancer subtypes.

## INITIATIVE 3: RESEARCH

### GOAL

## Fund \$10 million in research

### THE PROBLEM

Only about 25-40% of patients respond to treatment options, and toxic side effects mean patients may not tolerate treatment for long. More research into basic science and kidney cancer treatments is the only solution.

### THE SOLUTION

Fueled by the KCA Data Federation, we will decrease mortality and increase quality of life through \$10 million in research over the next seven years.



*“From humble beginnings, and through the passionate advocacy of my mentor Dr. Nizar Tannir, we built a team that supports our discoveries. It takes a village to generate impactful research, and our research project funded by the Kidney Cancer Association helped establish that team. This subsequently led to our recent manuscript in Cancer Cell describing the molecular hallmarks of renal medullary carcinoma.”*

–Dr. Pavlos Msaouel, MD Anderson Cancer Center