

Pancreatic cancer and what aspirin, metformin use. Colonoscopy at 45, used to be 50.

Renal cell carcinoma, diagnostics, pathology, ttx plans or even all these together, prevention, could try random drug or anomalie, genetics, **OMT**,

Cancer.gov

seer.cancer.gov

nccn.org (diagnostic and ttx (clinical) guidlines)

canc

SEER surveillance, epidemiology,

complimentary medicine (manipulative therapy pubmed). Pain management, OBERBECK, SLOAN, DEAN wilson went to michigan

9-14

06-02-23 Next friday at 9:00 am

PUB med and google scholar, look at where things are going.

## Potential areas of study

### - Bio markers

PP4L-1 unclear as a predictive  
and more accuracy is needed

L Tumour mutational burden # mutations

immuno-Oncology

High burden  
is good

L gene expression profile Measure RNA

2023

- RNA being produced  
- microarray-old

<https://www.nature.com/articles/s41585-022-00676-0>

### - mi RNA

L Roles in treatment + as both  
tumor suppressors, oncogenes to be  
inhibited

L Targeted therapy

Seq-New

## L Bio markers

2023)

<https://www.sciencedirect.com/science/article/pii/S0344033823001395>

included

- Upfront cytoreductive nephrectomy before targeted therapy or immunotherapy
  - ↳ significantly better outcomes

<https://www.sciencedirect.com/science/article/pii/S0302283822027130>

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Different types of RCC

- clear cell - highly metastatic - Sunitinib or pazopanib 1st line
- papillary (1 & 2) → proximal tubule traits
- Chromophobe

↳ Cabozantinib  
or  
nivolumab 2nd line  
high risk

- ↳ distal connecting tubules
- ↳ collecting duct system

Genetically engineered mice  
to mimick ccRCC

<https://www.nature.com/articles/s41598-023-35106-7>

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immunoflagosisis and MUC1 expression

- ↳ stain allowing to detect all cellular components

including lymphocytes & leukocytes

Thank you for providing more information. The term "immunoflogosis" appears to be a combination of "Immuno-" (related to the immune system) and "flogosis" (which may be a misspelling of "phlogosis," an older term for inflammation). However, it is not a commonly used medical term.

The description you provided regarding staining with the May-Grunwald-Giemsa (MGG) method is accurate. MGG staining is a laboratory technique used to examine cellular components, including inflammatory cells, in tissues or biological samples. It is commonly used in the study of nasal mucosa samples to identify and differentiate various types of inflammatory cells, such as neutrophils, eosinophils, lymphocytes, and mast cells.

By staining with MGG, the different cellular components of the nasal mucosa can be visualized under a microscope. This staining method allows for the identification and characterization of specific cell types based on morphological features and staining patterns.

<https://www.mdpi.com/1422-0067/24/5/4814>

What is Renal cell carcinoma?  
ccRCC most deadly  
locations of cells  
cytopathology 2 days here  
epidemiology  
↳ Cancer.gov  
↳ SEER.Cancer.gov

How is it currently diagnosed and treated?  
Biomarkers only the most common  
Upfront cytoreductive Nephrectomy  
ACCN.org 2 days here  
S1 Nephrectomy (partial)  
S3/E Nephrectomy + ads  
SM Clinical trials & supportive  
Unless resectable  
All require follow up

What is in store for future? 2 days here  
Genetically engineered Mimicks CRISPR  
mi RNAs (has lots of research)  
2 days here  
↳ how it applies to each era best 2 days

mRNA → Cancer Vaccination  
↳ prophylaxis ↳ Hy

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GAST

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Link to website

36 hrs 10 days

4 hrs per day

<https://notability.com/n/aE~3qJDpAJeADb4inihS7>