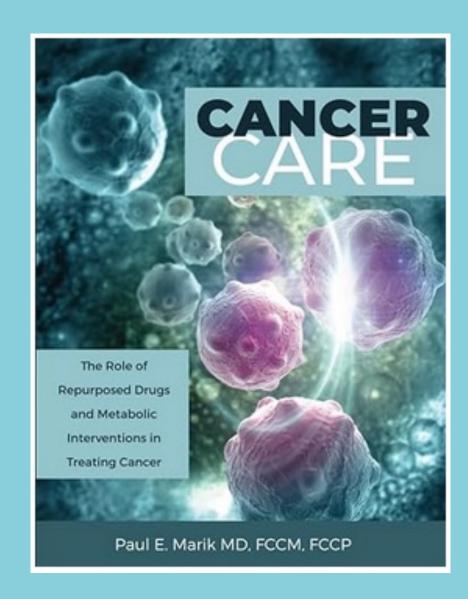
# Cancer Care

Paul E. Marik MD, FCCM, FCCP





#### **HEALTHCARE REVOLUTION**

**Restoring the Doctor-Patient Relationship** 

February 2-4, 2024 • Phoenix, Arizona

### **Conflicts of Interest**





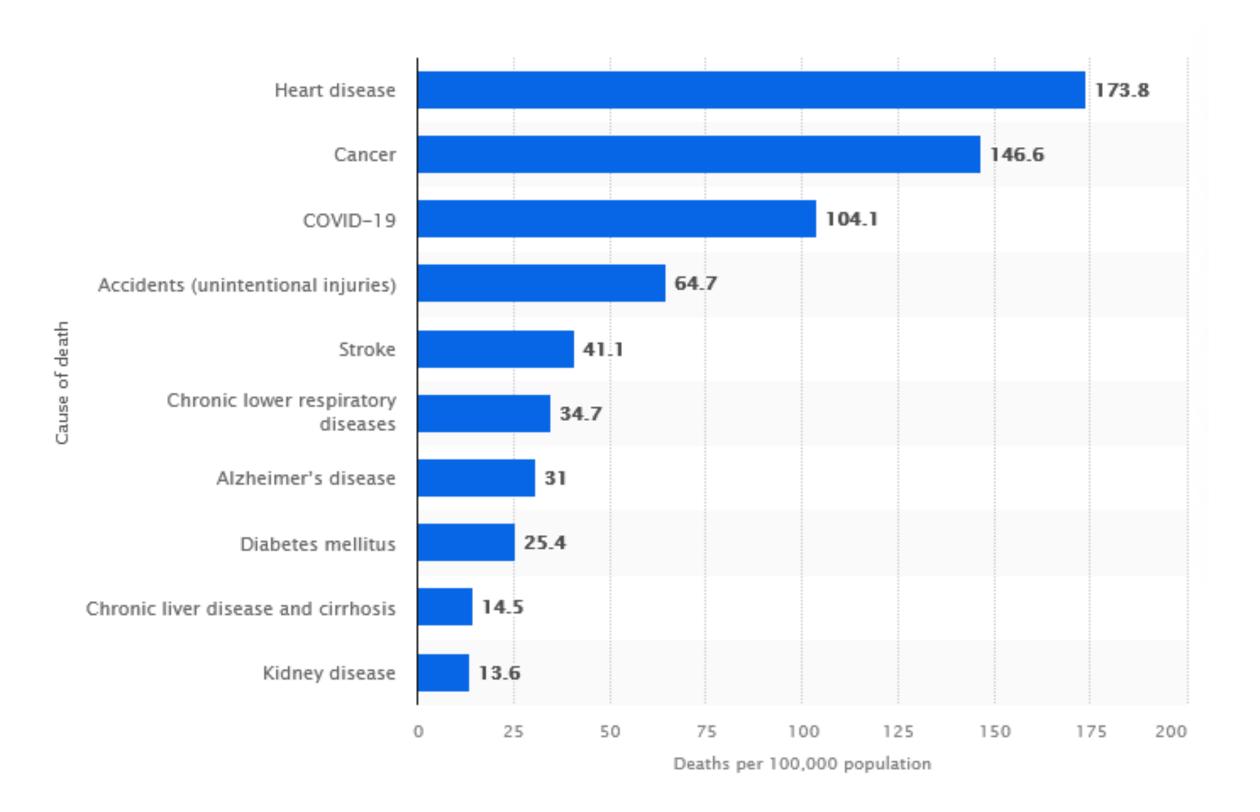


# Drug repurposing for cancer treatments: a well-intentioned, but misguided strategy

Audrey A Tran, \*Vinay Prasad vinayak.prasad@ucsf.edu

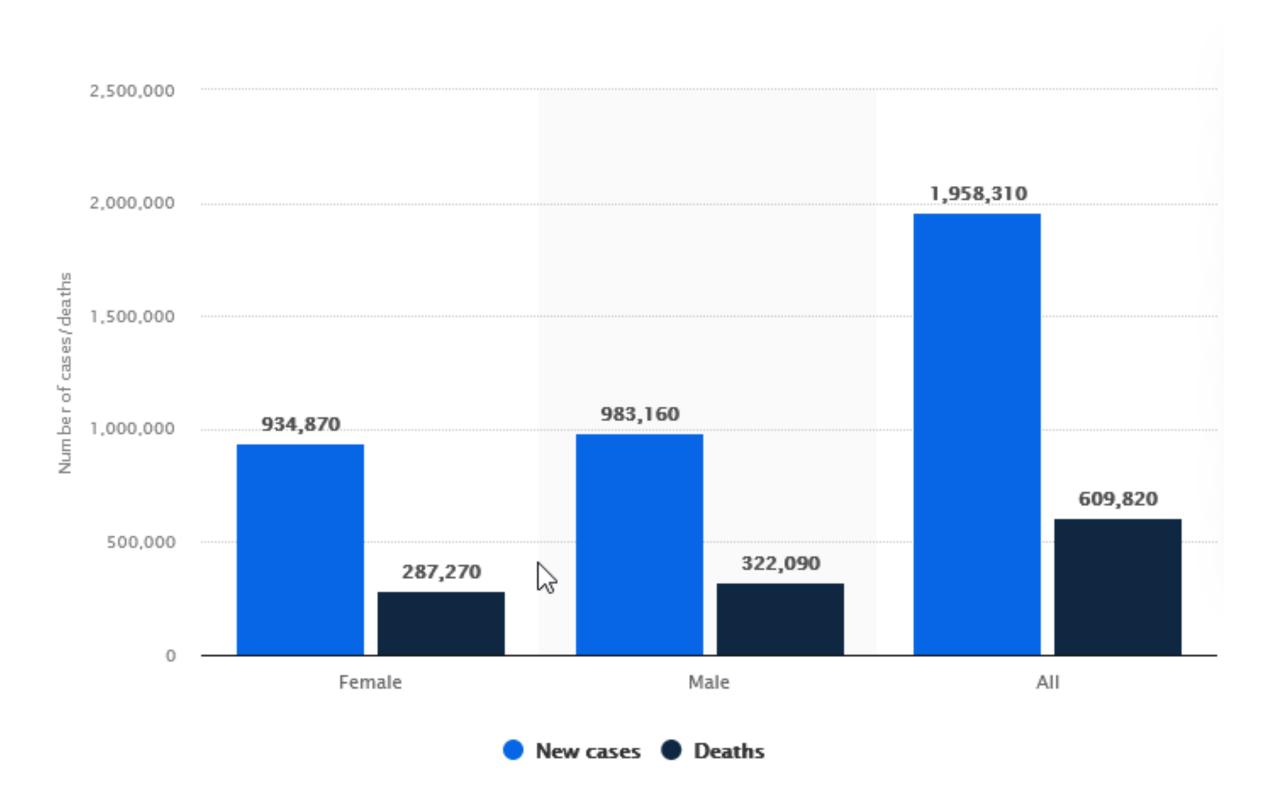


# Leading causes of death in the United States in 2021 (per 100,000 population)\*





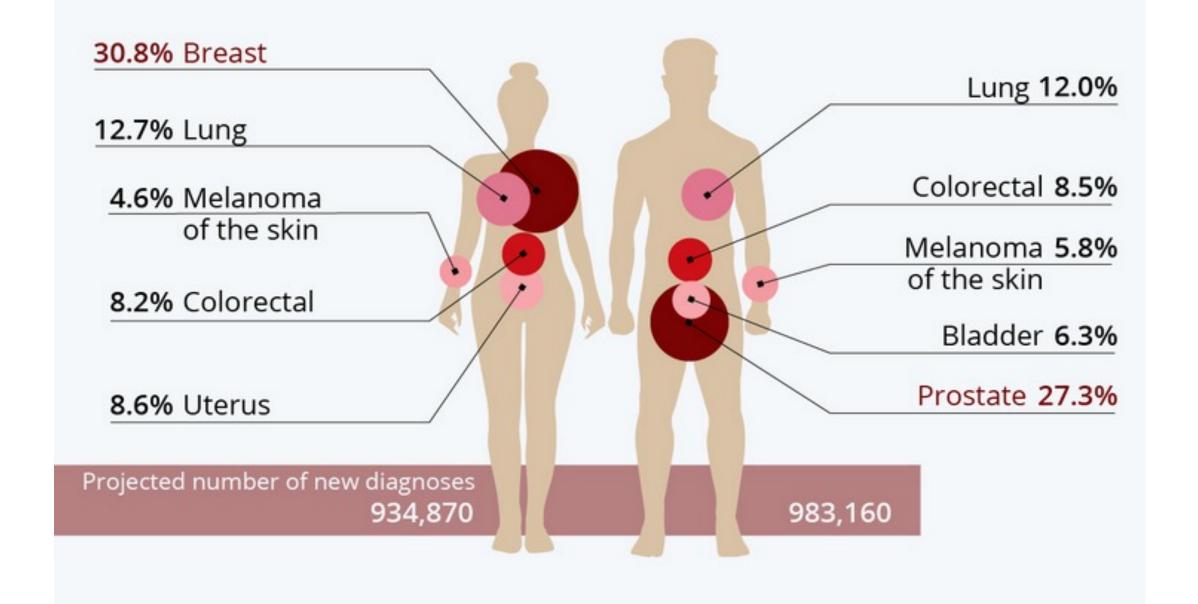
# Estimated number of new cancer cases and deaths in the U.S. for 2023, by gender





# The Most Common Types of Cancer in the U.S.

Projected share of new cancer diagnoses in the U.S. in 2022, by gender

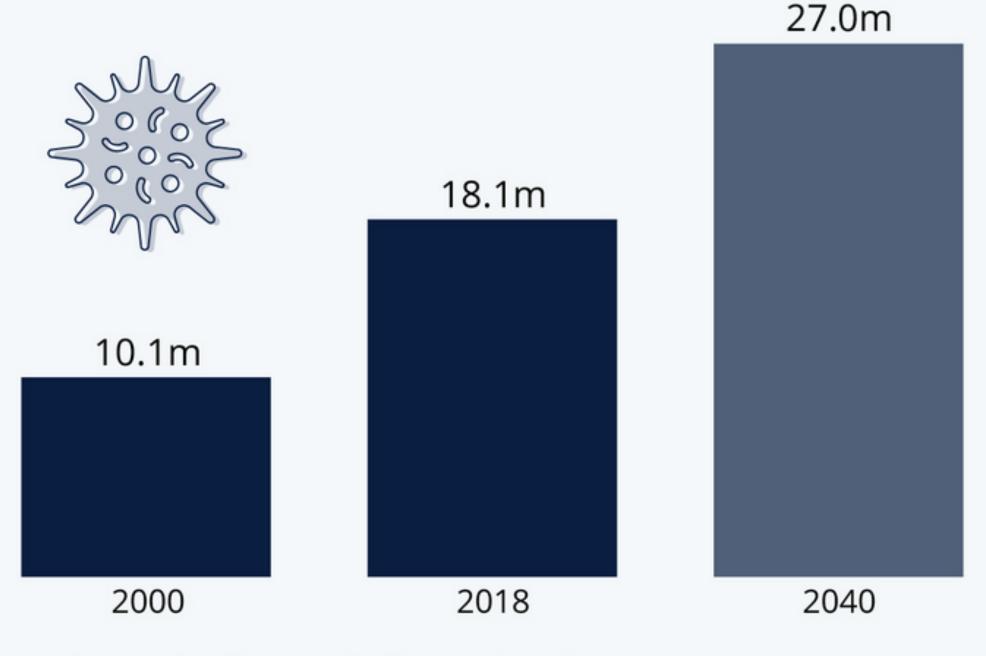




Source: American Cancer Society

# Global Cancer Burden Continues to Rise

Estimated number of new cancer cases globally per year





Source: International Agency for Research on Cancer

### Cancer is a Preventable Disease

60-80% of cancers are preventable. How?

- Tackle insulin resistance (40% of all cancers)
- Quit smoking
- Limit alcohol
- Get enough Vitamin D
- Avoid processed foods
- Avoid sugary drinks and pure fruit juice
- Get enough exercise (aerobic and resistance training)
- Stress reduction
- 8 hours quality sleep

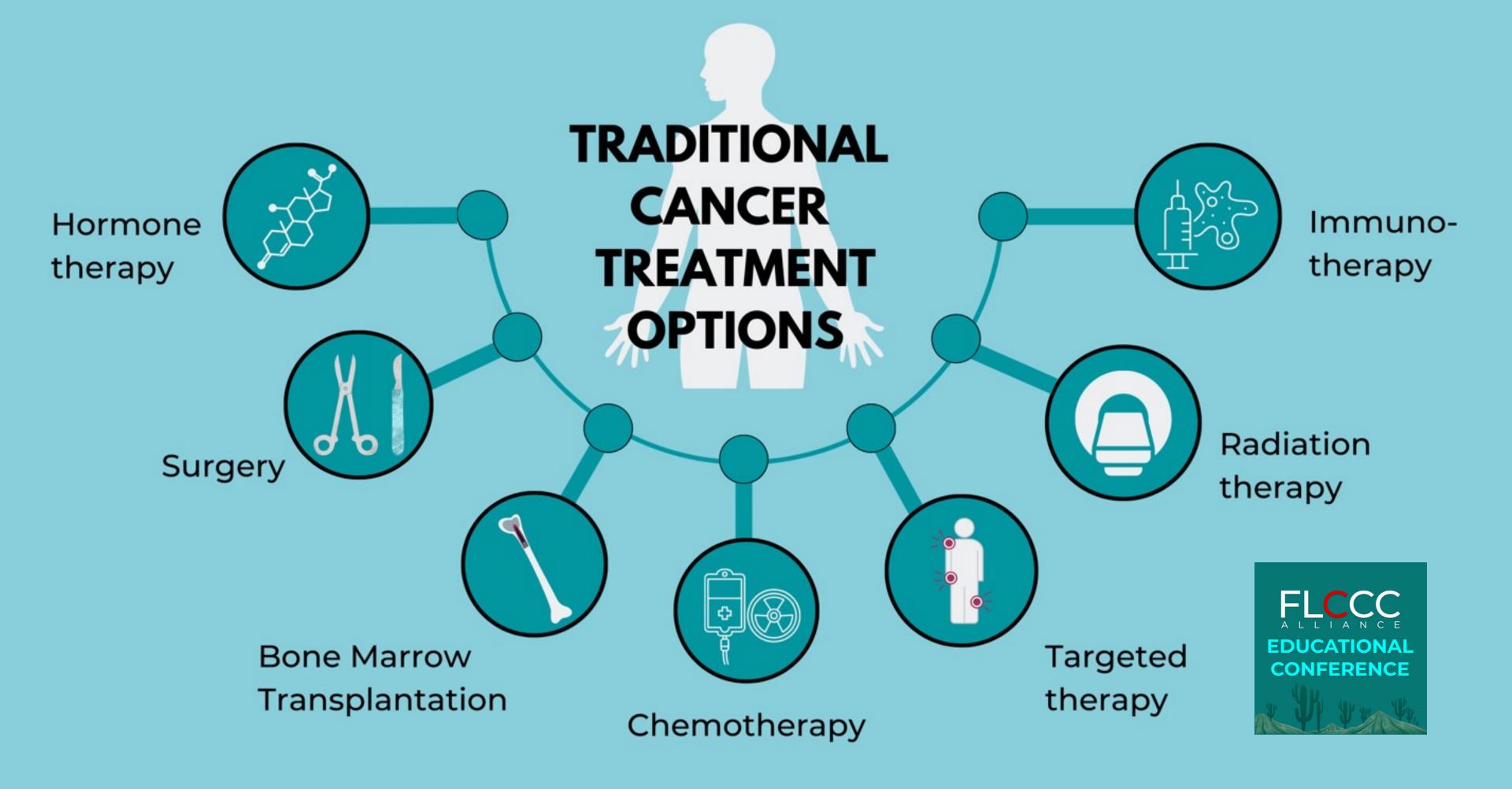


# Vitamin D, Omega-3 FA and Home Exercise to Prevent Cancer: An RCT

Treatment	Treatment Event /Total	Control  Event /Total			
				Hazard Ratio (95%CI)	
Vitamin D	36 /1076	45 /1081	-	0.76 ( 0.49 - 1.18 ), p= 0.225	
Omega-3	32 /1073	49 /1084	<del></del>	0.7 ( 0.44 - 1.09 ), p= 0.115	
SHEP	35 /1081	46 /1076		0.74 ( 0.48 - 1.15 ), p= 0.183	
Omega-3 + Vitamin D	15 /529	28 /537		0.53 ( 0.28 - 1 ), p= 0.051	
Vitamin D + SHEP	11 /539	21 /539	<del></del>	0.56 ( 0.3 - 1.04 ), p= 0.068	
Omega-3 + SHEP	12 /539	26 /542	<del></del>	0.52 ( 0.28 - 0.97 ), p= 0.039	
Vitamin D + Omega-3 + SHEP	4 /264	12 /270	<u> </u>	0.39 ( 0.18 - 0.85 ), p= 0.017	
			0.10 0.60 1.1 1.6 2.1 3.1 4.1 Hazard Ratio (95%CI)		







### **Conventional Chemotherapy & Radiotherapy**

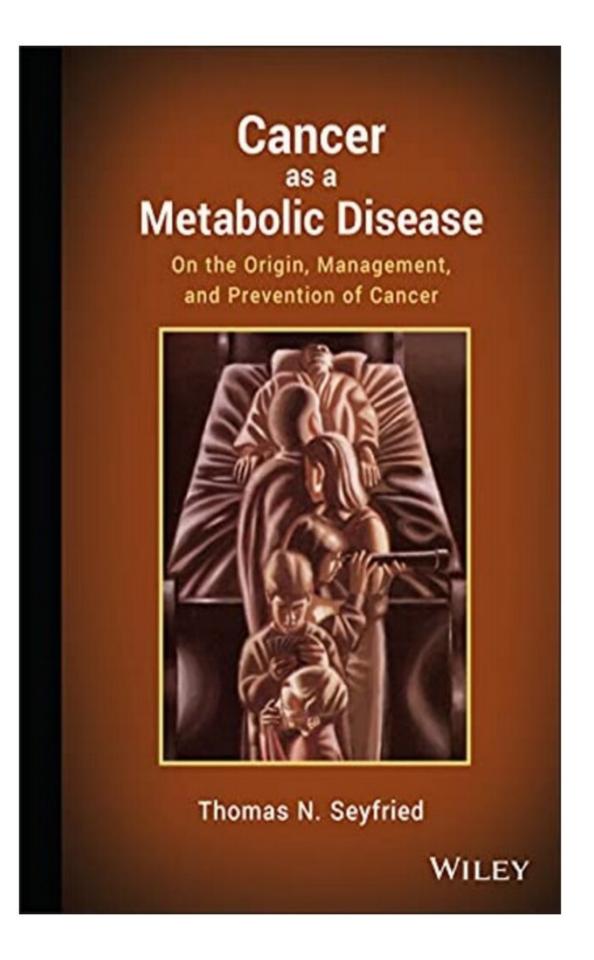
- Only target rapidly dividing cells
- Cancer Stem Cells allowed to proliferate
- Increase inflammation in Tumor Microenvironment
- Increase angiogenesis
- Increase metastatic potential
- Highly TOXIC
- Highly COSTLY

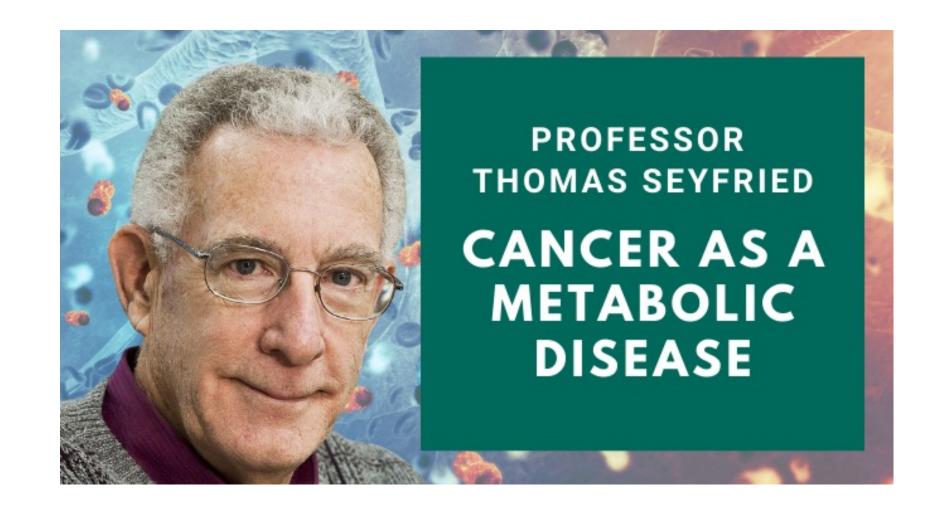


# Chemotherapy "Curable" Cancer

Cancer Curable	Improves Survival	Palliation Only (metastatic)
Choriocarcinoma	Breast cancer	Colorectal
Acute lymphatic leukemia	Ovarian Cancer	Prostate cancer
Chronic lymphatic leukemia	ALL in adults	Pancreatic cancer
Testicular cancer	AML	Endometrial cancer
Ovarian germ cell tumor	Small cell lung cancer	Neuroblastoma
Hodgkin's lymphoma	Multiple myeloma	Melanoma
High Grade non-Hodgkin's lymphoma	Osteosarcoma	Esophageal Cancer
Rare childhood malignancies	Wilms tumor	H&N cancer

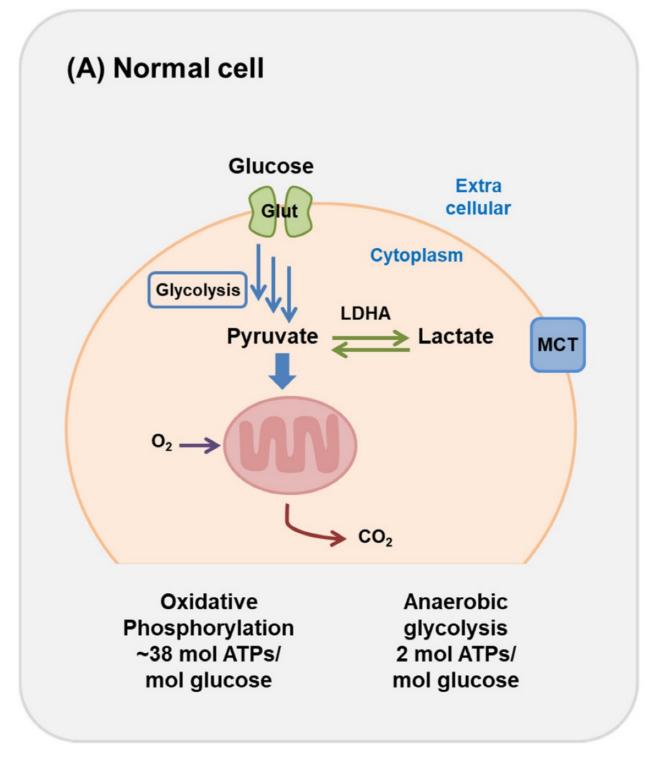


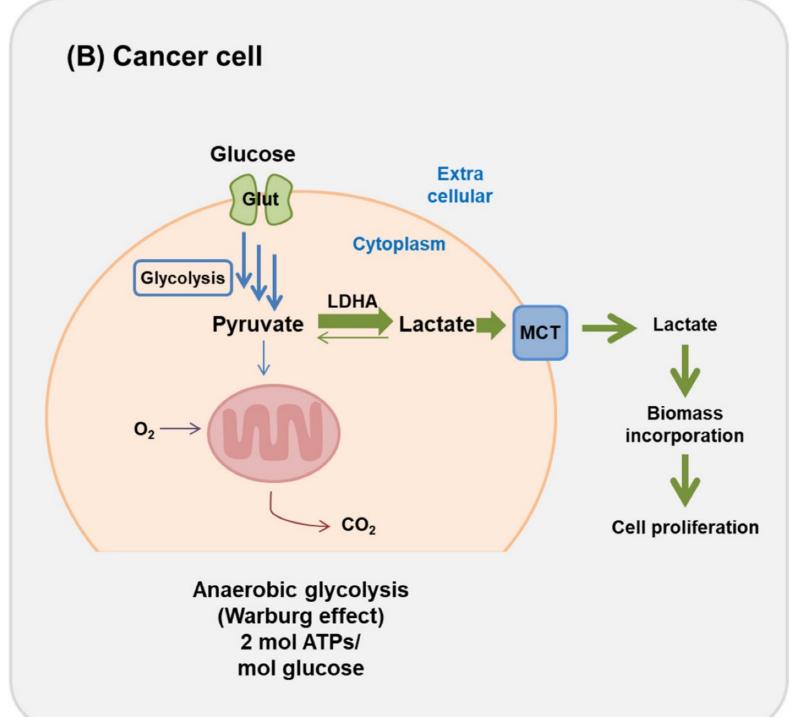






## Warburg phenomenon



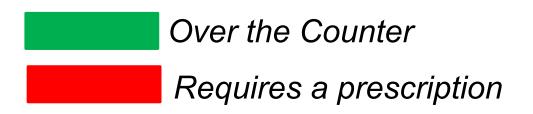




### **Metabolic Interventions to Control Cancer**

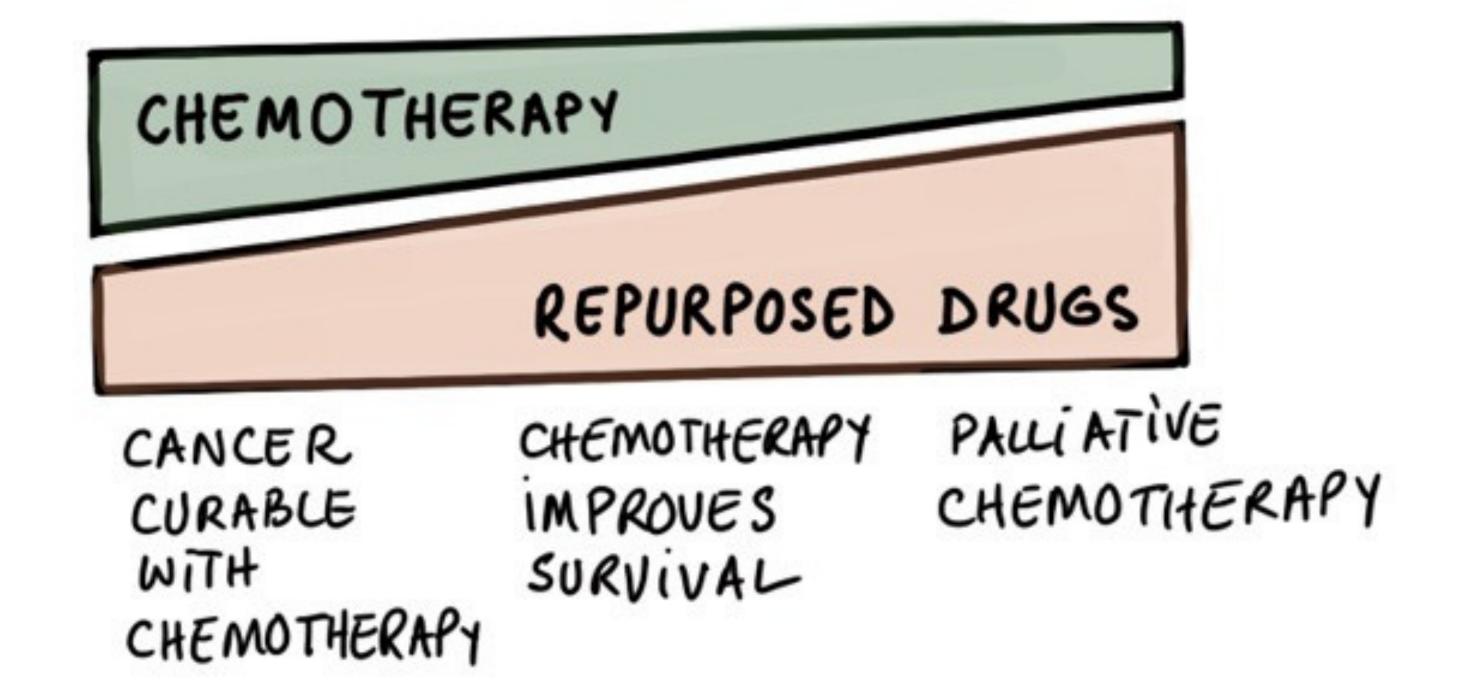
#### **TOP 10**

- 1. A low-carbohydrate, high-fat, ketogenic diet + time-restricted eating
- 2. Exercise, stress reduction, and quality sleep
- 3. Vitamin D3: 20,000 to 50,000 IU daily
  - Dosage should be adjusted by blood vitamin D levels aiming for a 25-OH vitamin D level of ~ 100 ng/ml.
- 4. Melatonin: start 1 mg and increase to 20-30 mg nightly
- 5. Green tea catechins: 500-1,000 mg daily
- 6. Metformin: 1,000 mg twice daily
- 7. Curcumin: (nanocurcumin) 600 mg twice daily
- 8. Mebendazole: 100-200 mg daily/Ivermectin 12mg daily
- 9. Omega-3 fatty acids: 4 g daily
- 10.Berberine: 500-600 mg twice daily





## Role of Chemotherapy and Repurposed Drugs





### Personalized Management of Cancer

Repurposed Drugs & Metabolic Rx Chemotherapy Surgery Stress Management & sleep







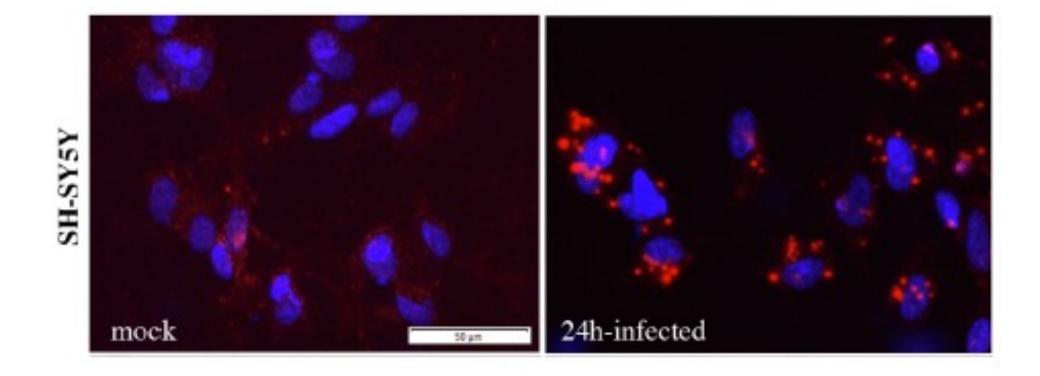


Contents lists available at ScienceDirect

#### Brain Research

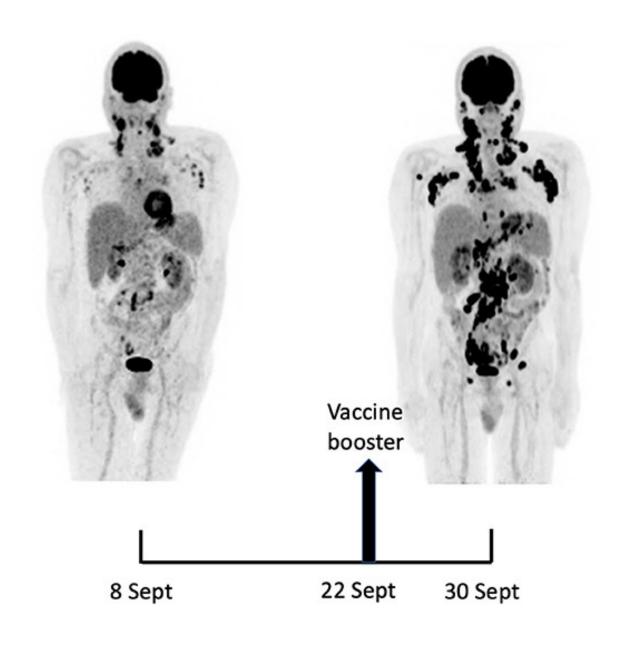
journal homepage: www.elsevier.com/locate/brainres

# Susceptibility of neuroblastoma and glioblastoma cell lines to SARS-CoV-2 infection





# Rapid Progression of Angioimmunoblastic T Cell Lymphoma Following BNT162b2 mRNA Vaccine Booster Shot: A Case Report





CASE REPORT published: 25 November 2021 : 10.3389/fmed.2021.798095



# DMED Data: DoD whistleblower LTC Long

279% SPIKE in Miscarriages 487% SPIKE in Breast Cancer 1048% SPIKE in the Nervous System 155% SPIKE in Birth Defects 350% SPIKE in Male Infertility 369% SPIKE in Testicular Cancer 2181% SPIKE in Hypertension 664% SPIKE in Malignant Neoplasms 680% SPIKE in Multiple Sclerosis 551% SPIKE in Guillain-Barre Syndrome 468% SPIKE in Pulmonary Embolism 302% SPIKE in Tachycardia 452% SPIKE in Migraines 471% SPIKE in Female Infertility 437% SPIKE in Ovarian Dysfunction 269% SPIKE in Myocardial infarction 291% SPIKE in Bell's palsy 467% SPIKE in Pulmonary Embolism



#### Cancer and COVID Vaccines

Craig Paardekooper

November 7, 2023

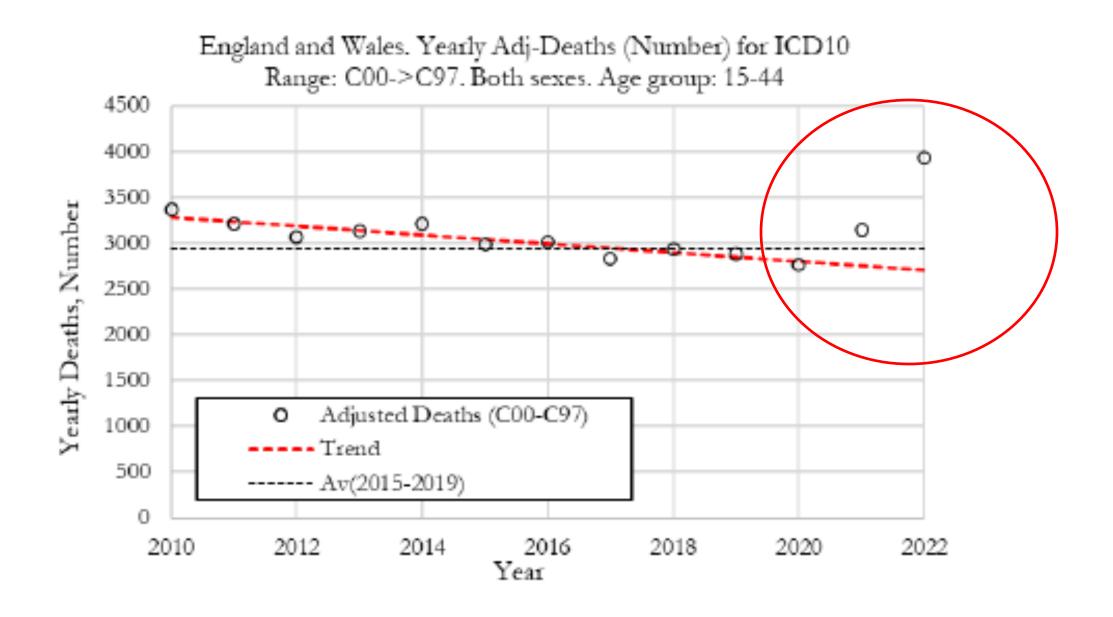
#### 0.1 Highest PRR for Cancer

Out of all 99 vaccines in VAERS Covid vaccines have the HIGHEST PRR for -

- Appendix cancer (18.85)
- Breast Cancer (4.07): Breast Cancer Female (5.08), Breast Cancer metastatic (5.31), Breast Cancer Recurrent (4.71), Breast Cancer Stage 1 (18.85), HER2 positive Breast cancer (10.77)
- Cancer Screening (7.96)
- Colon cancer metastatic (6.77)
- Colorectal cancer (5.97)
- Endometrial cancer (12.06)
- Hepatic cancer (7.56), Hepatic cancer metastatic (3.58), Hepatic cancer stage 4 (25.13),
- Laryngeal cancer stage 4 (75.41)
- Lung cancer metastatic (4.51)
- Oesophageal cancer metastatic (25.13)

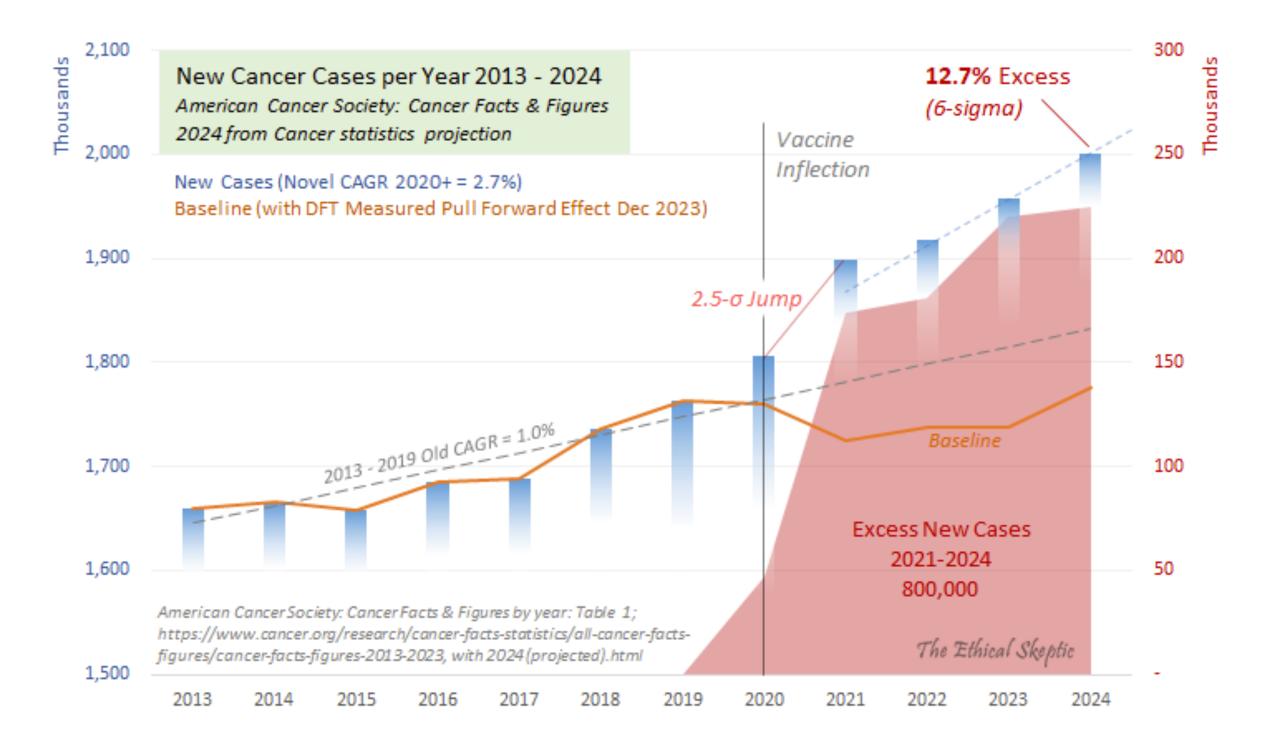


### UK - Death and Disability Trends for Malignant Neoplasms (15-44)





### **Excess Cancer Deaths - USA**









#### Turbo cancer

**Turbo cancer** is an anti-vaccination myth centred on the idea that people vaccinated against COVID-19, especially with mRNA vaccines, are suffering from a ...





