Enjoying Life
No progress without science!

Egypt 5,000 BC

Greece 300 BC

Europe 700 AD
• **Roger Bacon** (13th Century) “repeating cycle of observation, hypothesis, experimentation and the need for independent verification.”

• **Francis Bacon** (17th Century) “... by successive steps not interrupted or broken, we rise from particulars to .... axioms”

• **René Descartes** (17th Century) “.... avoid precipitancy and prejudice, and to comprise nothing more in my judgment than what was presented to my mind...”
Due to the lack of evidence to support its use, many organizations, including the American Academy of Allergy, Asthma & Immunology, the Canadian Society of Allergy and Clinical Immunology and the European Academy of Allergy and Clinical Immunology have recommended against using IgG testing to diagnose food allergies or food intolerances / sensitivities.
Survival in Stage 4 Pancreatic Cancer using Conventional FDA Approved Treatments

- **All NCDB Cases**
- **Seattle Cancer Care Alliance/UW Medical Center**
Alternative treatments were not for me.
Types of Physicians / Hierarchy of Evidence

1. Conventional Oncologists
   - Almost No One!
2. Good Complementary Physicians
3. Most Alternative Doctors

- Large randomized studies / FDA approved
- Small randomized and uncontrolled studies
- Observational studies
- Animal Studies
- Laboratory studies
- Unproven hypothesis
Paricalcitol: an analog of Vitamin D shown in the lab to fight pancreatic cancer by a group at the Salk Institute.

From Left: Ron Evans, Mira Sherman, Ruth Yu, Ann Atkins, Tiffany Tseng and Michael Downes
Paricalcitol deactivates the fibroblasts guarding the tumor.
Paricalcitol

It worked in Mice:
...combined with chemotherapy in mice with pancreatic cancer. The result, published in Cell in 2014: **The mice lived 50% longer** on average than those given chemo alone.

And showed results in early human trials:

...about a dozen pancreatic cancer patients who were being treated by Penn’s Dr. Drebin....

....**they found a 10-to-100-fold increase in the number of T cells in and around the tumor.**
Paricalcitol Clinical Trials

1. Paricalcitol Plus Gemcitabine and Nab-paclitaxel in Metastatic Pancreatic Cancer
2. A Phase Ib Pharmacodynamic Study of Neoadjuvant Paricalcitol in Resectable Pancreatic Cancer
3. A Phase Ib Pharmacodynamic Study of Neoadjuvant Paricalcitol in Resectable Pancreatic Cancer
4. Liposomal Irinotecan Plus 5-FU / LV Combined With Paricalcitol in Patients With Advanced Pancreatic Cancer Progressed on Gemcitabine-based Therapy
5. A Pilot Study of Perioperative Nivolumab and Paricalcitol to Target the Micoenvironment in Resectable Pancreatic Cancer
6. A SU2C Catalyst® Trial of a PD1 Inhibitor With or Without a Vitamin D Analog for the Maintenance of Pancreatic Cancer
7. Pembrolizumab and Paricalcitol With or Without Chemotherapy in Patients With Pancreatic Cancer That Can Be Removed by Surgery
8. A Randomized Pilot/Pharmacodynamic/Genomic Study of Neoadjuvant Paricalcitol to Target the Microenvironment in Resectable Pancreatic Cancer
9. Pre-operative Treatment for Patients With Untreated Pancreatic Cancer
10. Paclitaxel Protein Bound Plus Cisplatin Plus Gemcitabine and Paricalcitol for Pancreatic Adenocarcinoma (NABPLAGEMD)
Pharma companies looking to make billions if their studies succeed, are adding repurposed drugs to their protocols.

They must know something!

The are not adding Hemp oil!
• Penn: In a phase 2 randomized clinical trial of 112 patients, the addition of hydroxychloroquine to chemotherapy did not improve overall survival at 12 months. A statistically significant increase in the overall response rate from 21% to 38% was shown with the addition of hydroxychloroquine.

• Pittsburgh: Among the 54 patients included in interim analyses, those given hydroxychloroquine—had a significantly greater response to chemotherapy, whether it was assessed with histopathologic or biochemical criteria.
• Chemo – gemcitabine, capecitabine, and mitomycin (stopped after 4 months)
• IV Paricalcitol – 3 times a week
• Hydroxychroloquine – triple dose
We included 11 studies with 4964 participants in the final analysis.

The meta-analysis showed that the use of ACEIs or ARBs resulted in a significant improvement in DFS [hazard ratio (HR) 0.60; 95% confidence interval (CI) 0.41–0.87; \(P=0.007\)] and overall survival (HR 0.75; 95% CI 0.57–0.99; \(P=0.04\)).

Analysis according to cancer type showed benefits in urinary tract cancer (HR 0.22), colorectal cancer (HR 0.22), pancreatic cancer (HR 0.58), and prostate cancer (HR 0.14), but not in breast cancer and hepatocellular cancer.
My Treatment Today

- Capecitabine (oral chemotherapy)
- Paricalcitol twice a week (reduced from 3/week)
- Metformin
- Simvastatin
- Losartan
- Curcumin (A nanoparticular formulation)
- Linoleic Acid
Bringing 3 premier institutions together to study 3 re-purposed drugs – paricalcitol, hydroxychloroquine,
Multiple Societies Endorse Off Label Treatment for Chronic Urticaria.

Cyclosporine A is not FDA approved for Chronic Urticaria.

These evidence- and consensus-based guidelines were developed with the participation of 42 national and international societies, and are endorsed byAAAAAI, ACAAI, and AAD.