



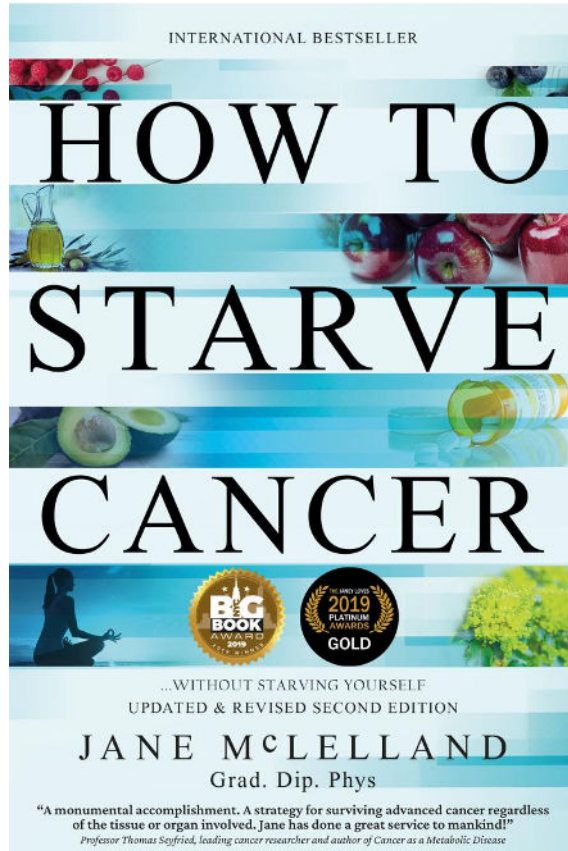
Disclaimer

The information in this talk is not medical advice.

The purpose of this talk is to convey information. It should not be interpreted as medical advice and is not intended to diagnose, treat or cure your condition.

Always discuss lifestyle and drug/supplements with your doctor.

There are clinical trials underway to establish how dietary restriction, supplementation, off label drugs alongside conventional cancer therapy will improve the efficacy of those treatments in human cancer patients.



- **Former Chartered Physiotherapist**
- **Stage IV Survivor**
- **Patient Advocate**
- **Educator**
- **Author**
- **PhD student? App in development**

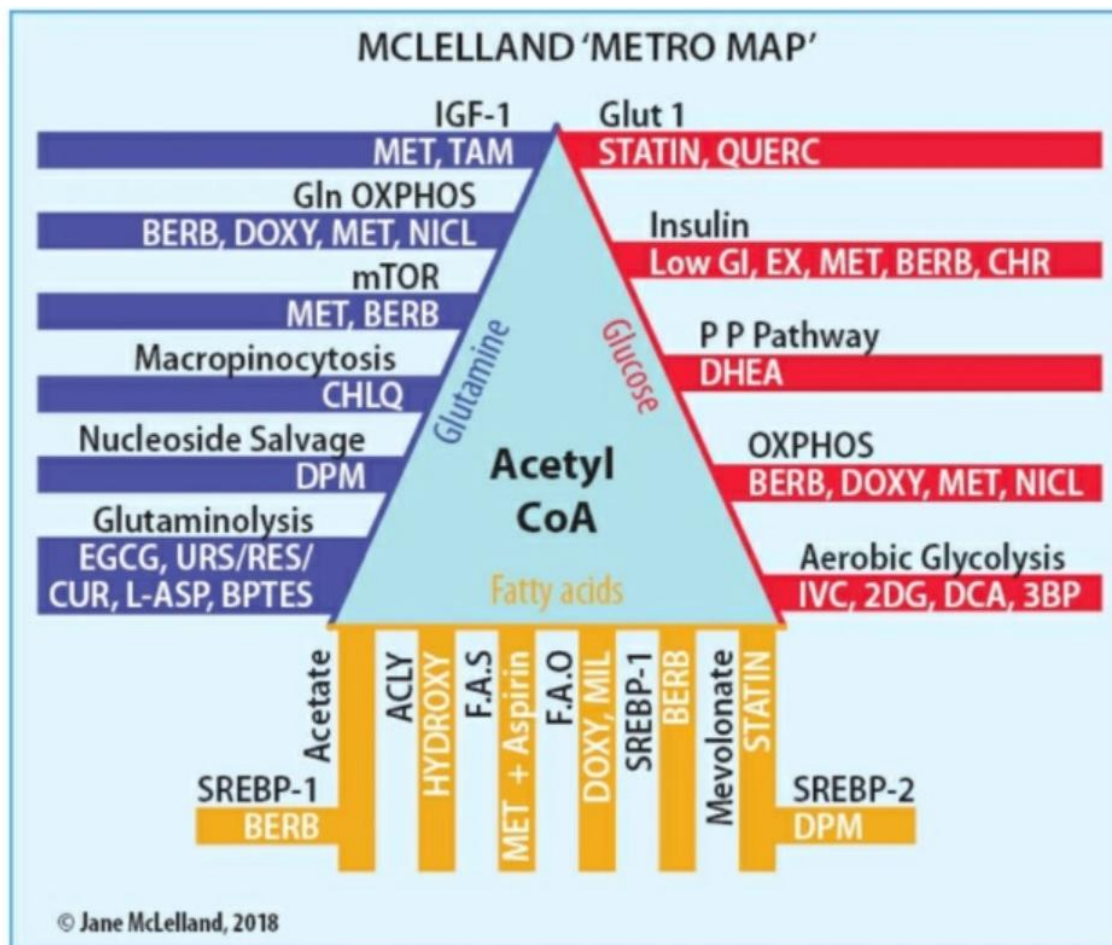
www.howtostarvecancer.com

McLelland Metro Map™

2018

“Metabolic Flexibility”

Key fuel pathways that drive proliferation, invasion, metastasis and treatment resistance.

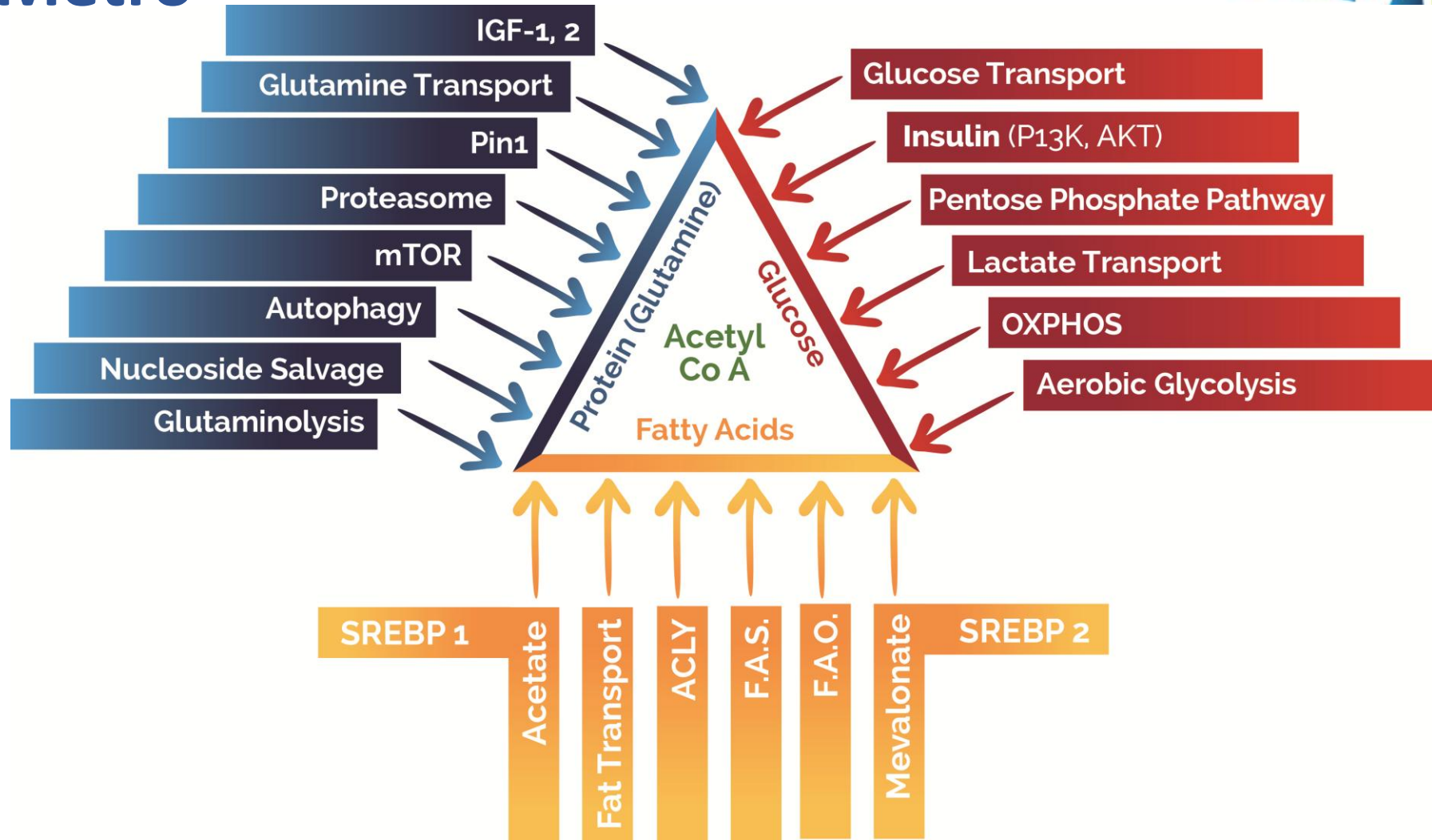


Your navigational Road Map



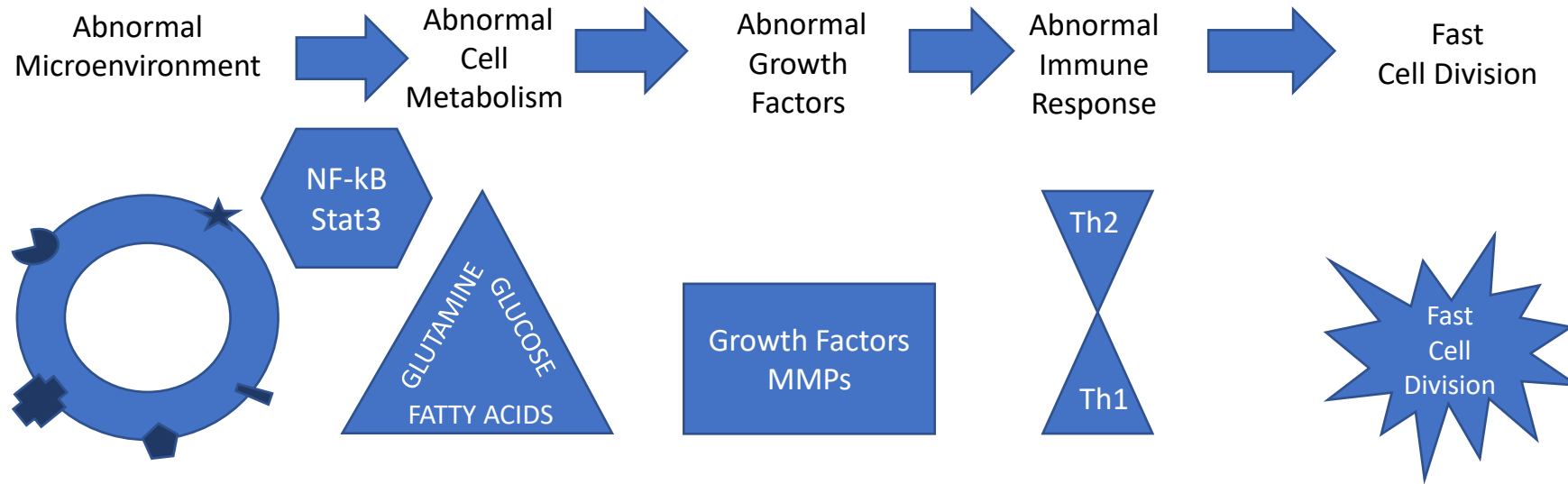
McLelland Metro Map TM

2021





Cancer's Progression/ My Hallmarks





Ferroptosis

Ferroptosis is a type of **programmed cell death** dependent on **iron** and characterized by the accumulation of **lipid peroxides** and is genetically and biochemically distinct from other forms of regulated cell death such as apoptosis.

Discovered in 2012.



Chartered Physiotherapist 1987



Health

Thousands call cancer scare hotline

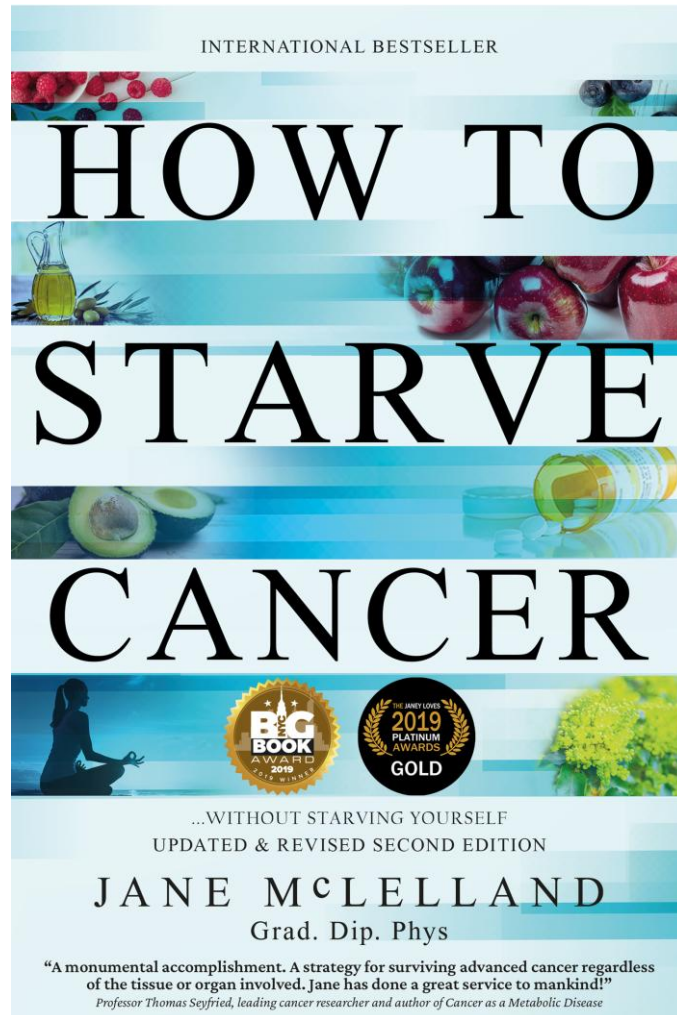


errors in the colposcopy service

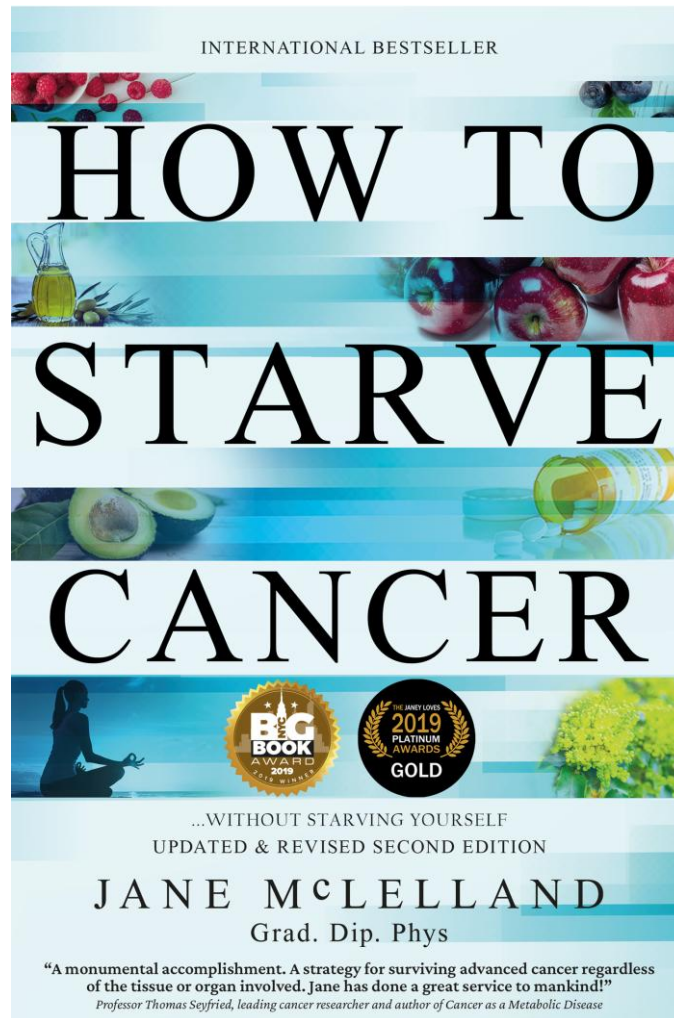
Thousands of women at risk of cervical cancer have phoned a hospital helpline set up in the wake of the latest screening scare.

Misdiagnosis

Errors in screening service, recall of many thousands of patients



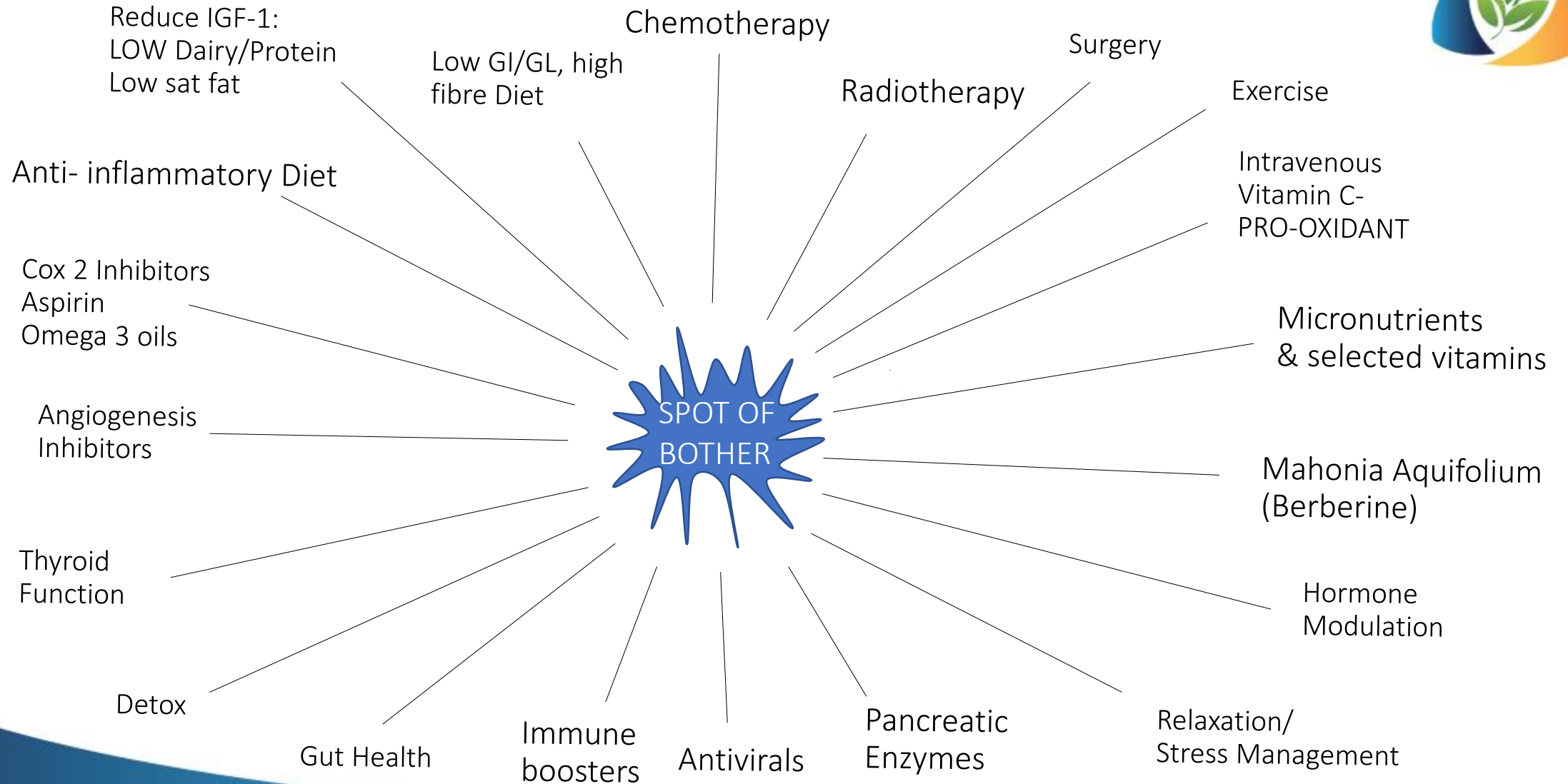
1994-1996



1996 MUM STAGE IV



1999 ME STAGE IV

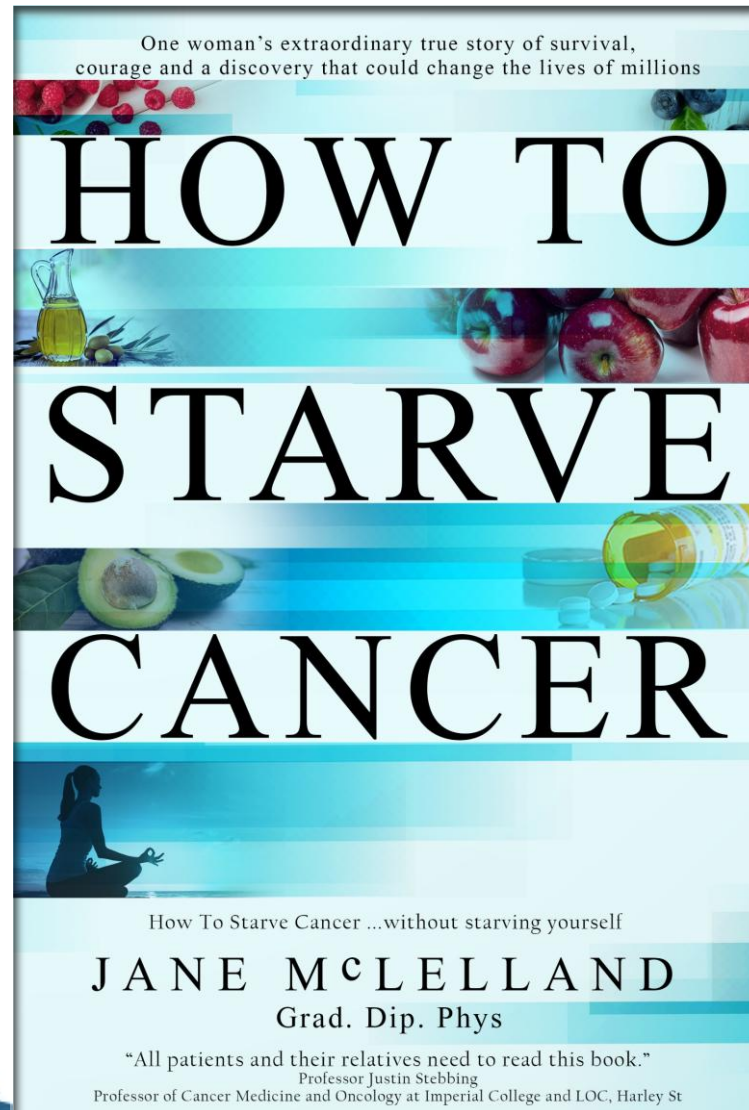




JOURNAL OF HERBAL MEDICINE 1999

Mahonia Aquifolium (berberine, oxyacanthine)

- ***strong antimicrobial and antifungal agents***
- ***inhibits the growth of various tumour cells***
- ***inhibits keratinocyte growth***
- ***alleviates inflammation***
- ***decreases blood glucose – ‘starves’ cancer***



2003

TREATMENT RELATED MYELOYDYSPLASIA



2003

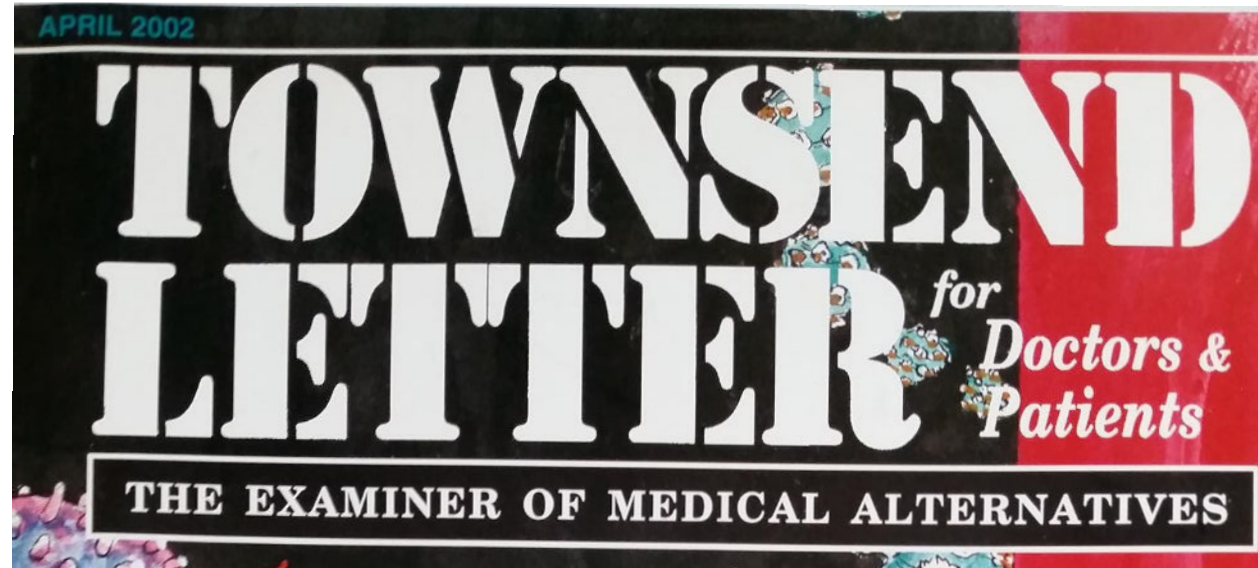
Deleted p53 gene

Raised TM2PK (glycolysis)

Raised MMP-2

Immune





DIPYRIDAMOLE
ANTI-PLATELET DRUG



Platelets and fibrin inhibit the immune system

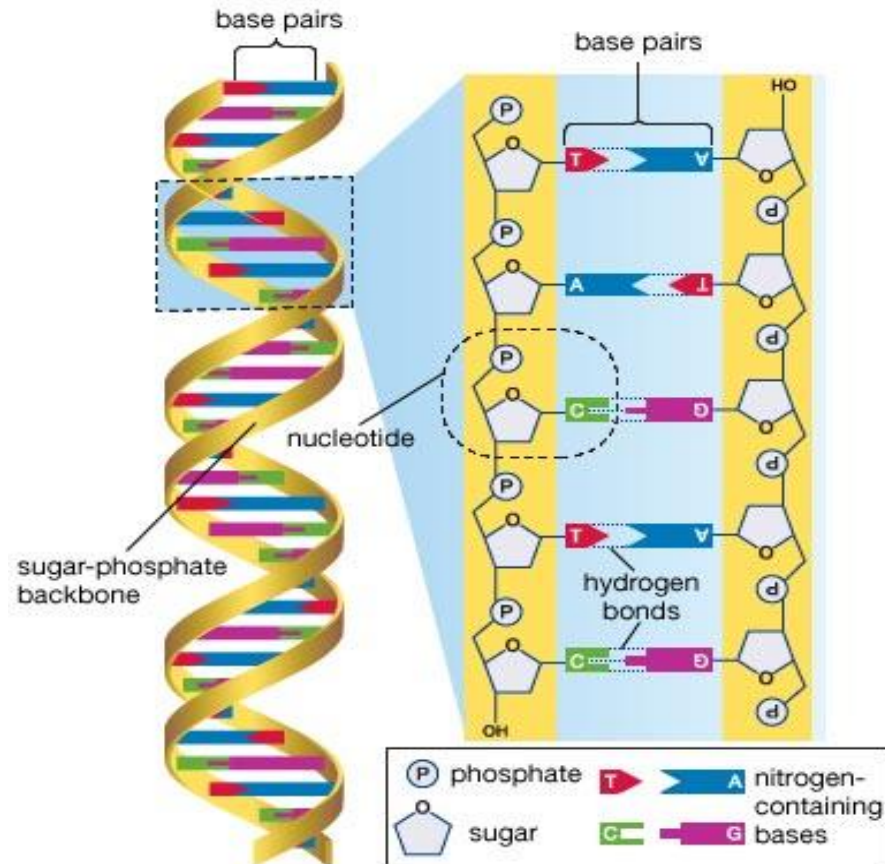
➤ [Blood](#). 2005 Jan 1;105(1):178-85. doi: 10.1182/blood-2004-06-2272. Epub 2004 Sep 14.

Platelets and fibrin(ogen) increase metastatic potential by impeding natural killer cell-mediated elimination of tumor cells

Joseph S Palumbo ¹, Kathryn E Talmage, Jessica V Massari, Christine M La Jeunesse, Matthew J Flick, Keith W Kombrinck, Markéta Jirousková, Jay L Degen

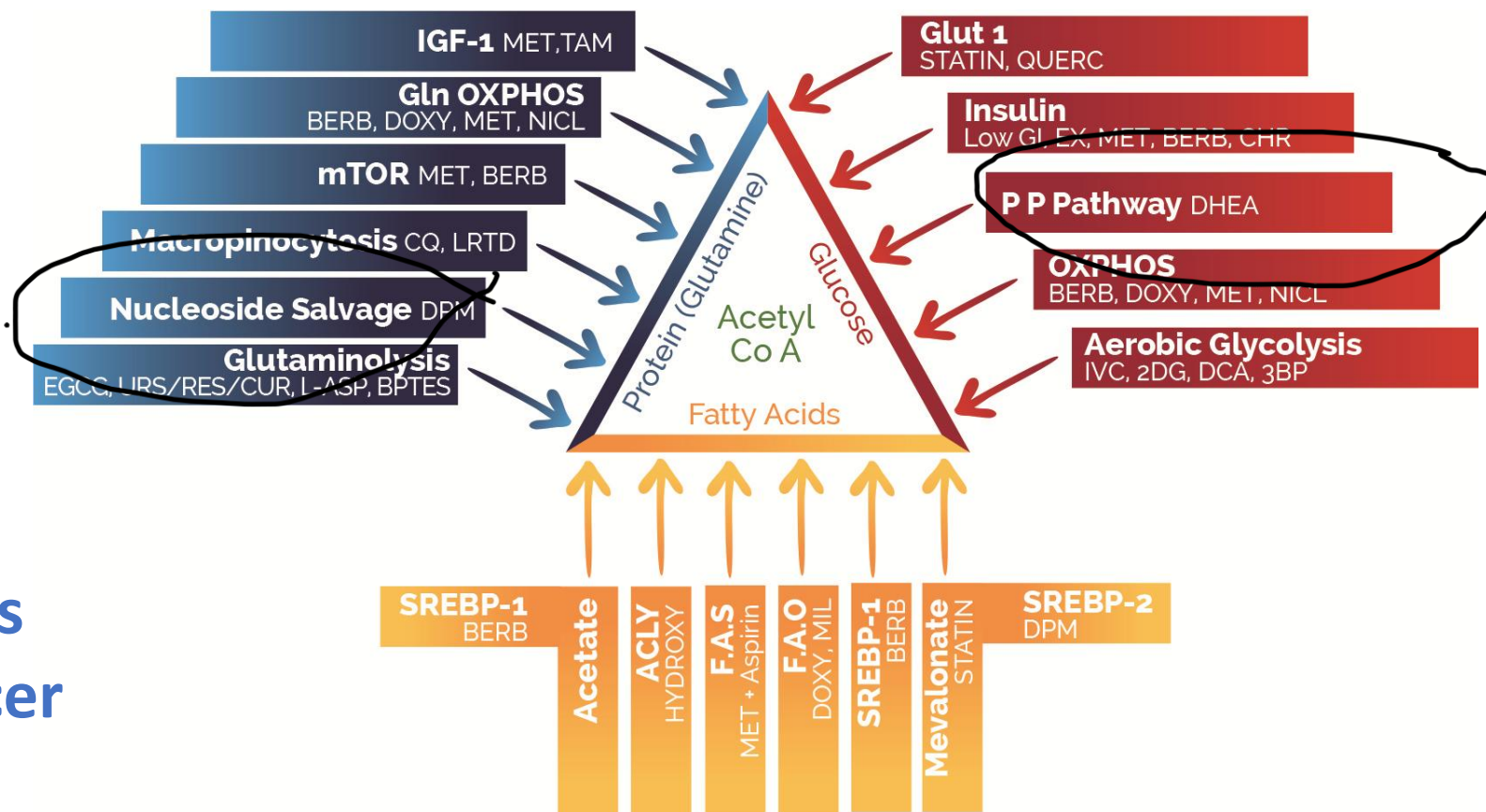


Dipyridamole is a nucleoside salvage inhibitor



Nucleosides:

Adenosine,
Cytidine,
Guanosine,
Thymidine



Key fuel lines
feeding cancer

McLelland Metro Map TM



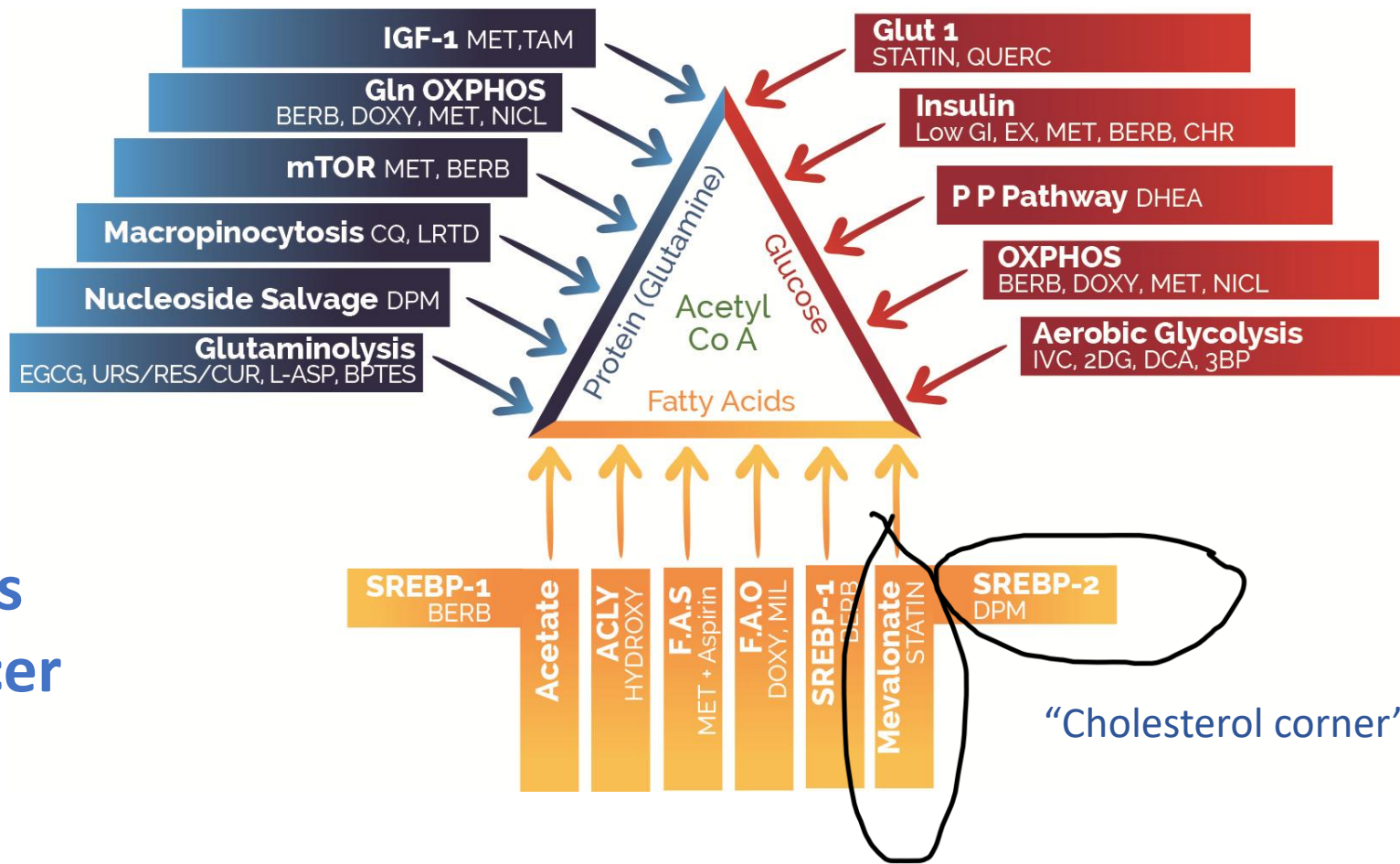
Dipyridamole inhibits SREBP2 – a cholesterol pathway i.e. synergistic effect with statin

- 2021 Feb 18;28(2):169-179.e7.

doi: 10.1016/j.chembiol.2020.10.003. Epub 2020 Oct 22.

Dipyridamole Inhibits Lipogenic Gene Expression by Retaining SCAP-SREBP in the Endoplasmic Reticulum

[Ryan M Esquejo¹](#), [Manuel Roqueta-Rivera¹](#), [Wei Shao²](#), [Peter E Phelan¹](#), [Uthpala Seneviratne³](#), [Christopher W Am Ende⁴](#), [Paul M Hershberger⁵](#), [Carolyn E Machamer²](#), [Peter J Espenshade²](#), [Timothy F Osborne⁶](#)



Key fuel lines
feeding cancer

McLelland Metro Map™



Association for Cancer Research 2001

Trial of Lovastatin

Princess Margaret Hospital, University of Toronto, Ontario

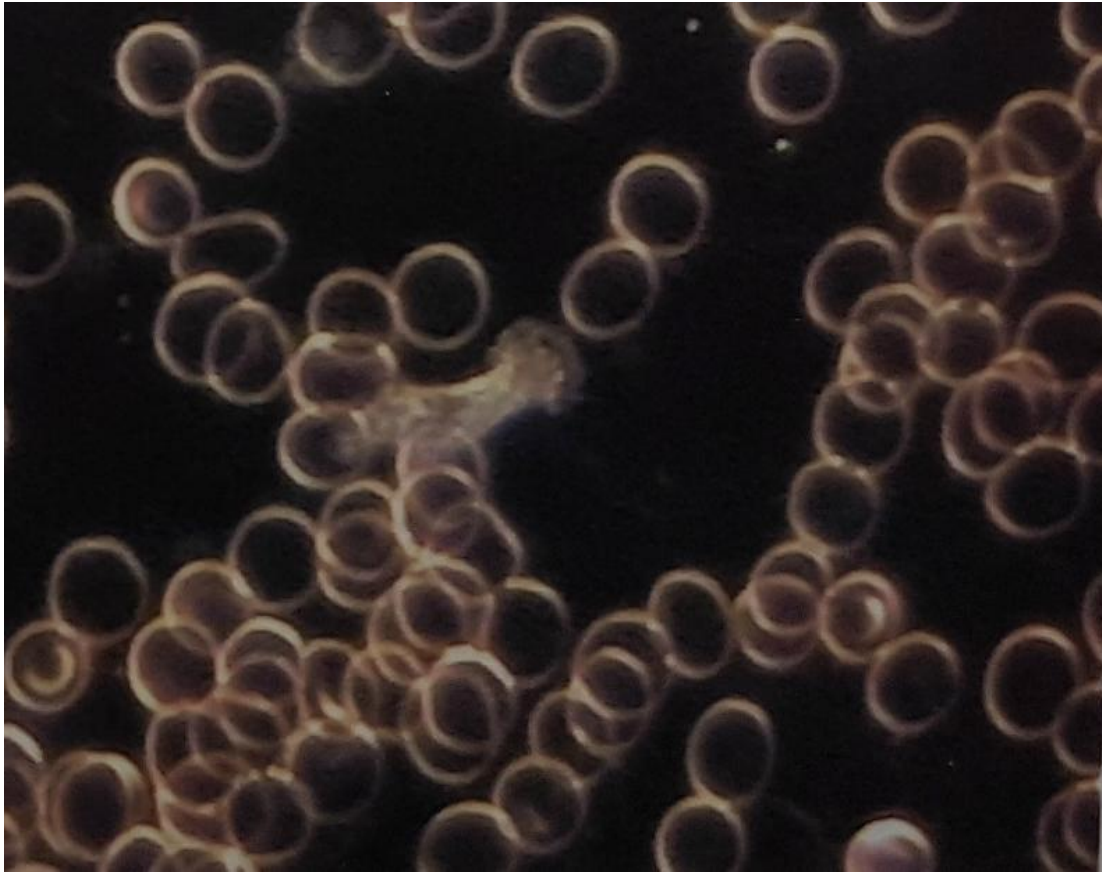
- Lovastatin showed promise for treating patients with head and neck and cervical cancers.
- Five of 20 patients who took **lovastatin** after other **therapies failed** were able to achieve **long-term stable disease**.



Gastroenterology (1999, Vol.116)

Lovastatin increased the cancer cell killing
effect of Sulindac (NSAID) by **FIVE TIMES**

i.e. Synergistic effect



2004

NED

My combination 2003



**DIPYRIDAMOLE + NSAID (etodolac) +
LOVASTATIN + OMEGA 3 + Low GI diet +
IV Vit C**



My combination 2004

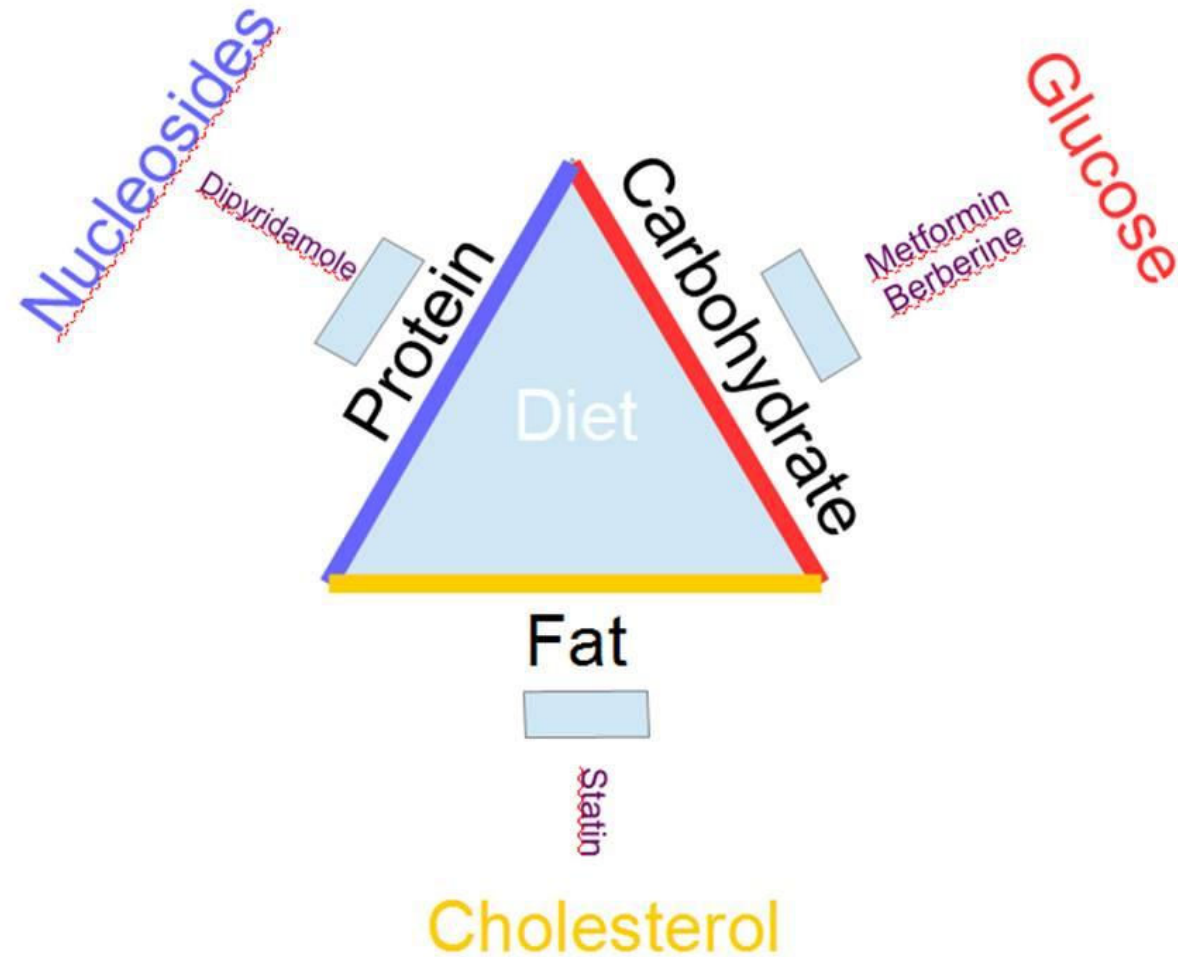
('big guns')

**DIPYRIDAMOLE + NSAID (etodolac) +
LOVASTATIN + OMEGA 3 + Low GI diet +
IV Vit C + BERBERINE**



Initial thoughts on
starving cancer

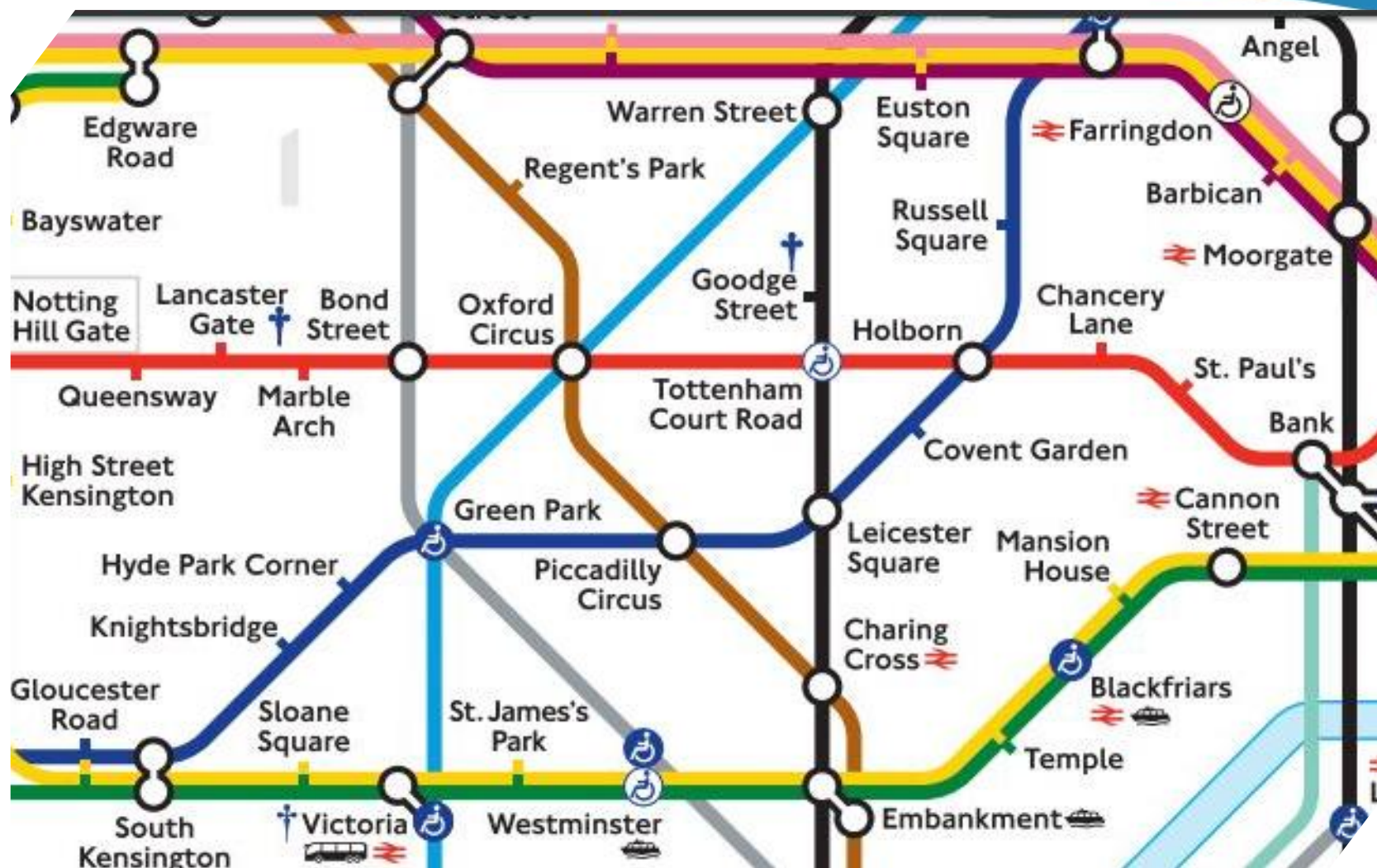
Starve each 'macro'

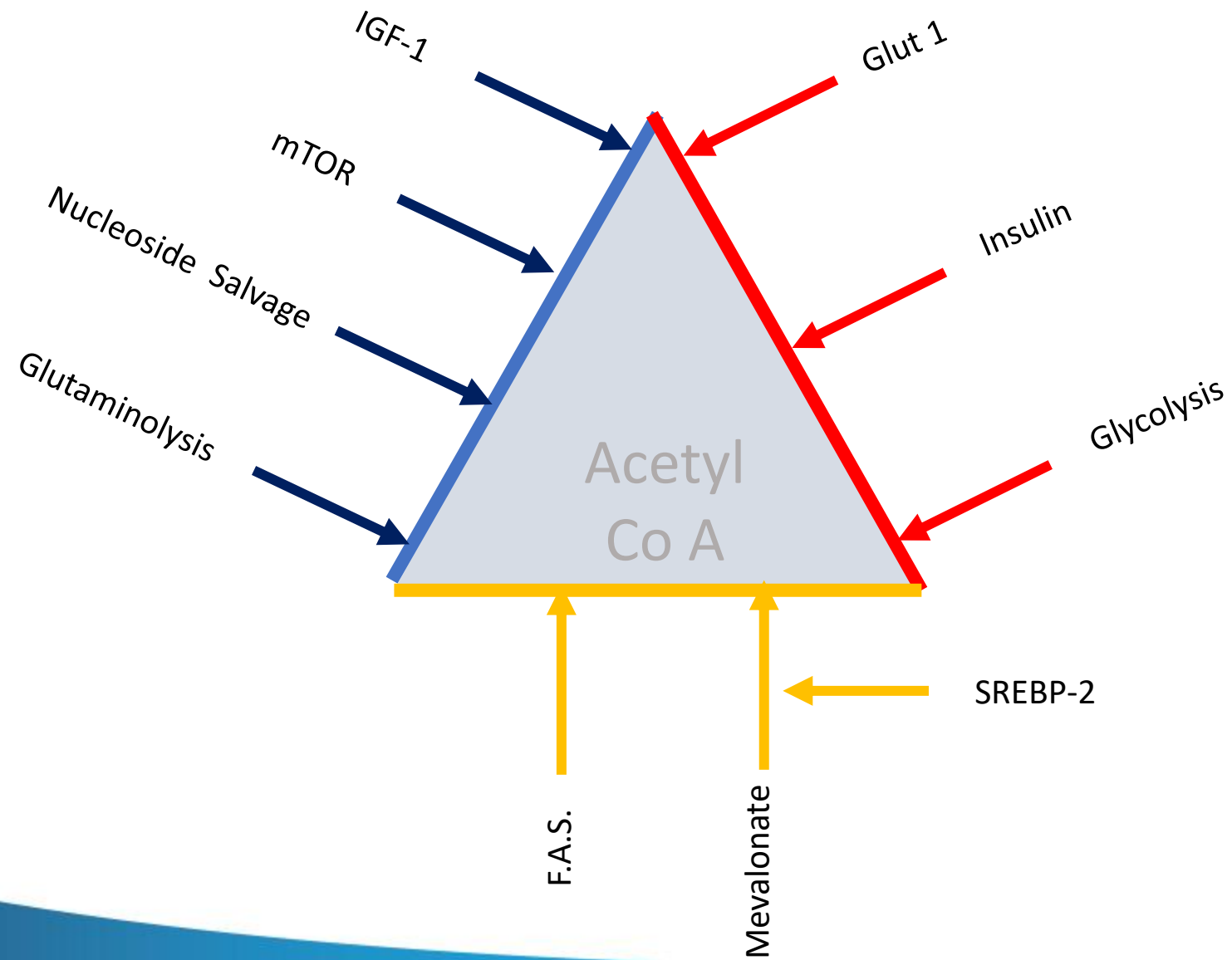


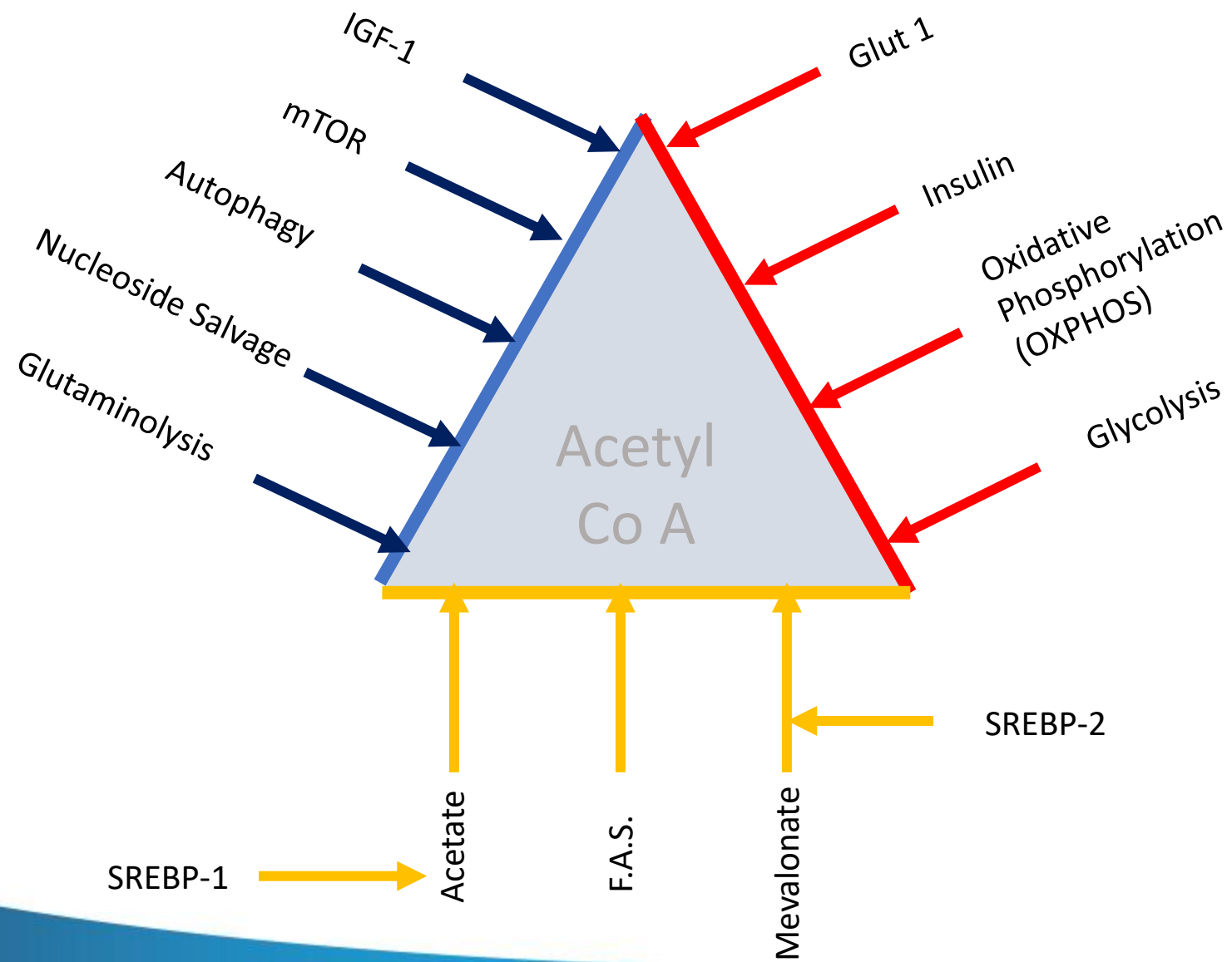
Jane's 'Piccadilly Circus' Theory

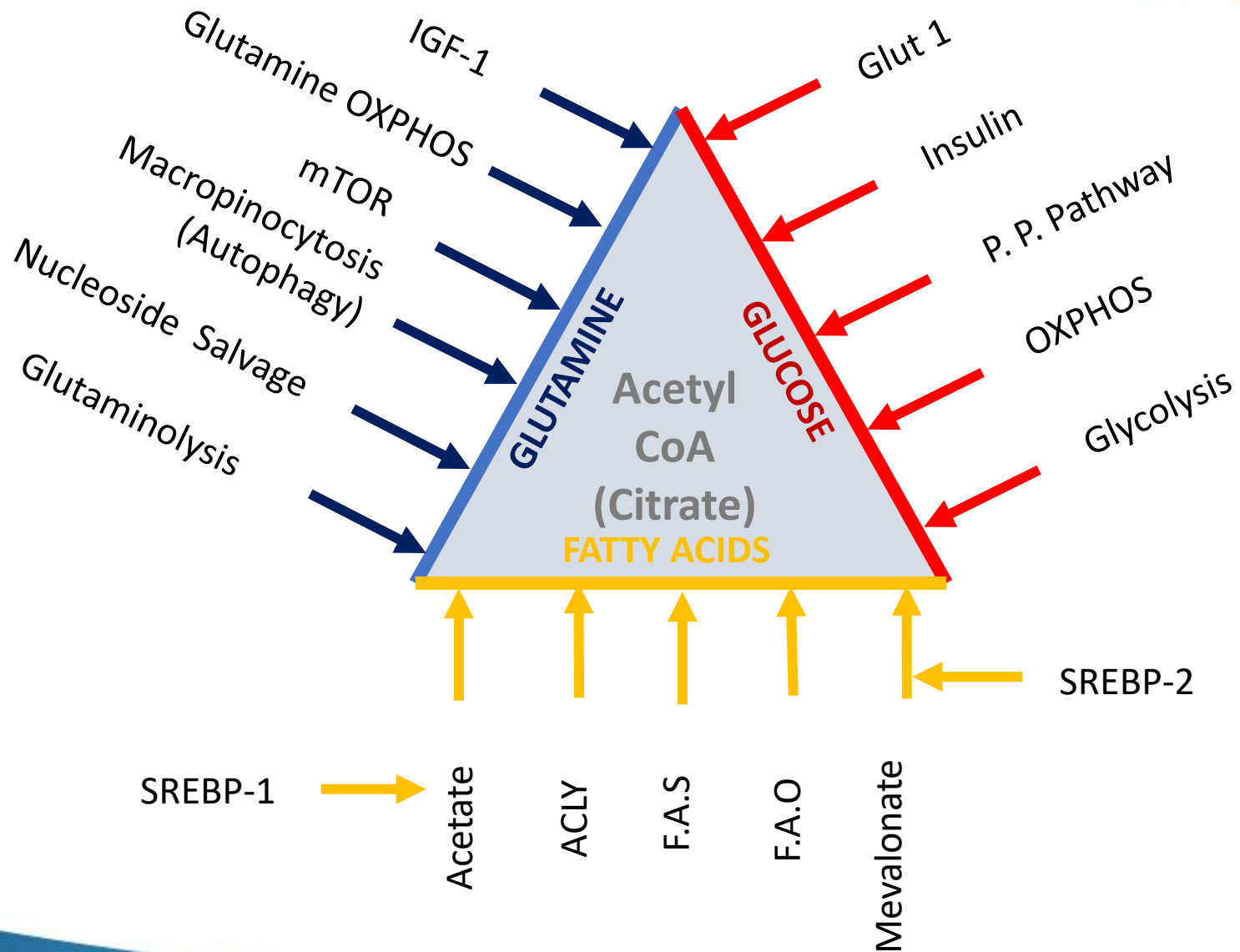


e.g. P53 gene, cMYC,
BRAF, KRAS, EGFR











Care Oncology Clinic 2015

Cocktail of

- Metformin
- Mebendazole
- Atorvastatin
- Doxycycline



2018

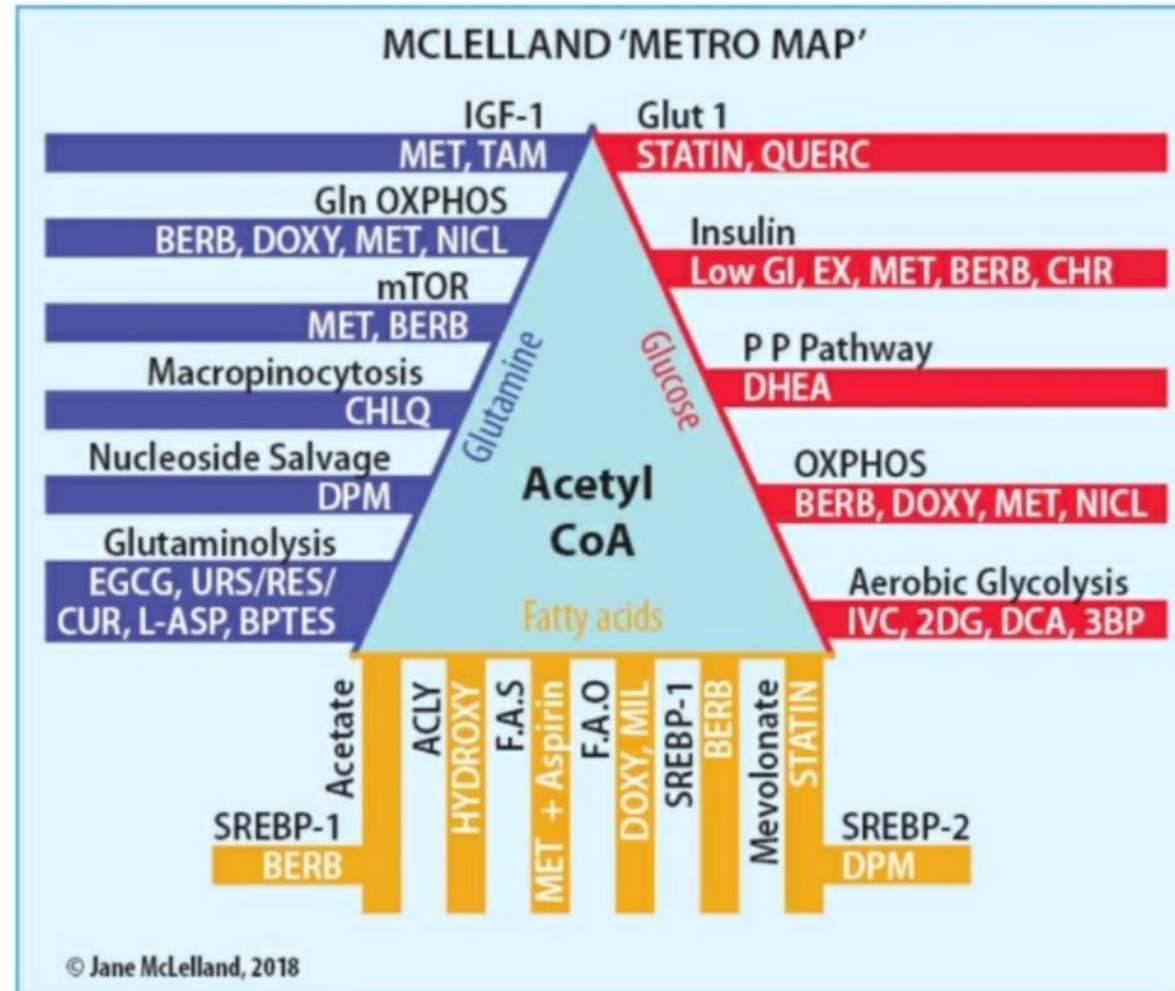


Figure 21.2. My Stem Cell 'Metro Map'

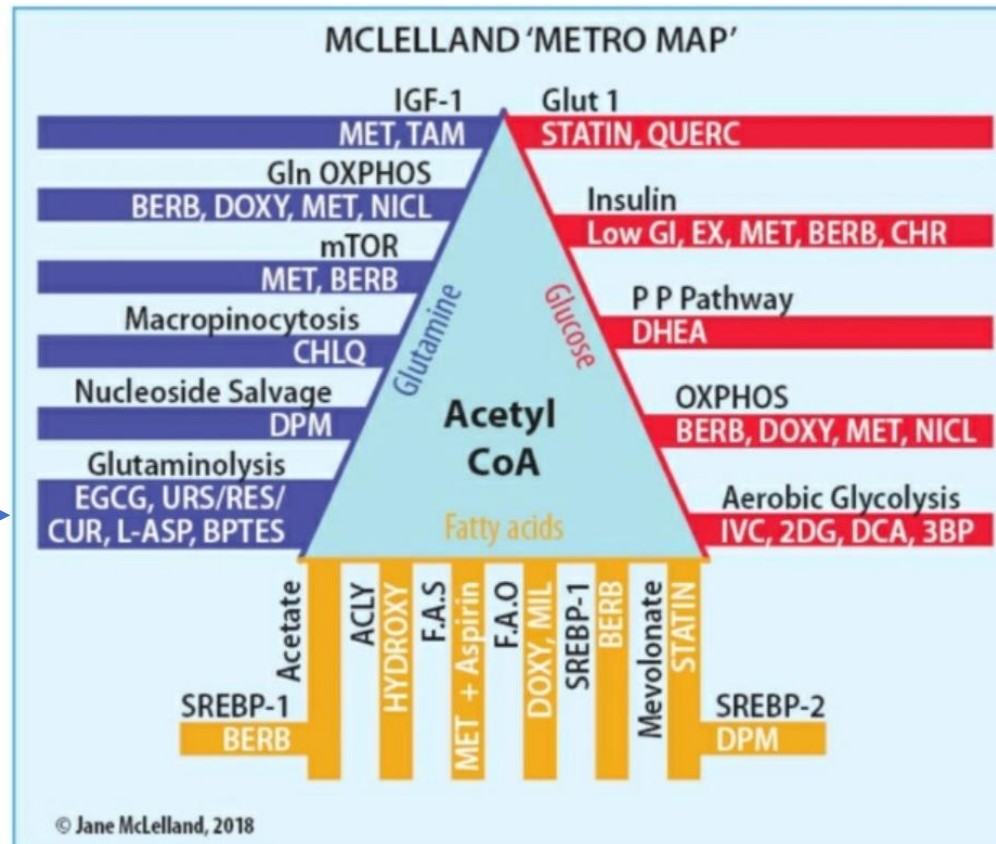


Your navigational Road Map

Mebendazole and fenbendazole modulates the proteasome but work better with bortezomib

Niclosamide →

Mebendazole →
Niclosamide →

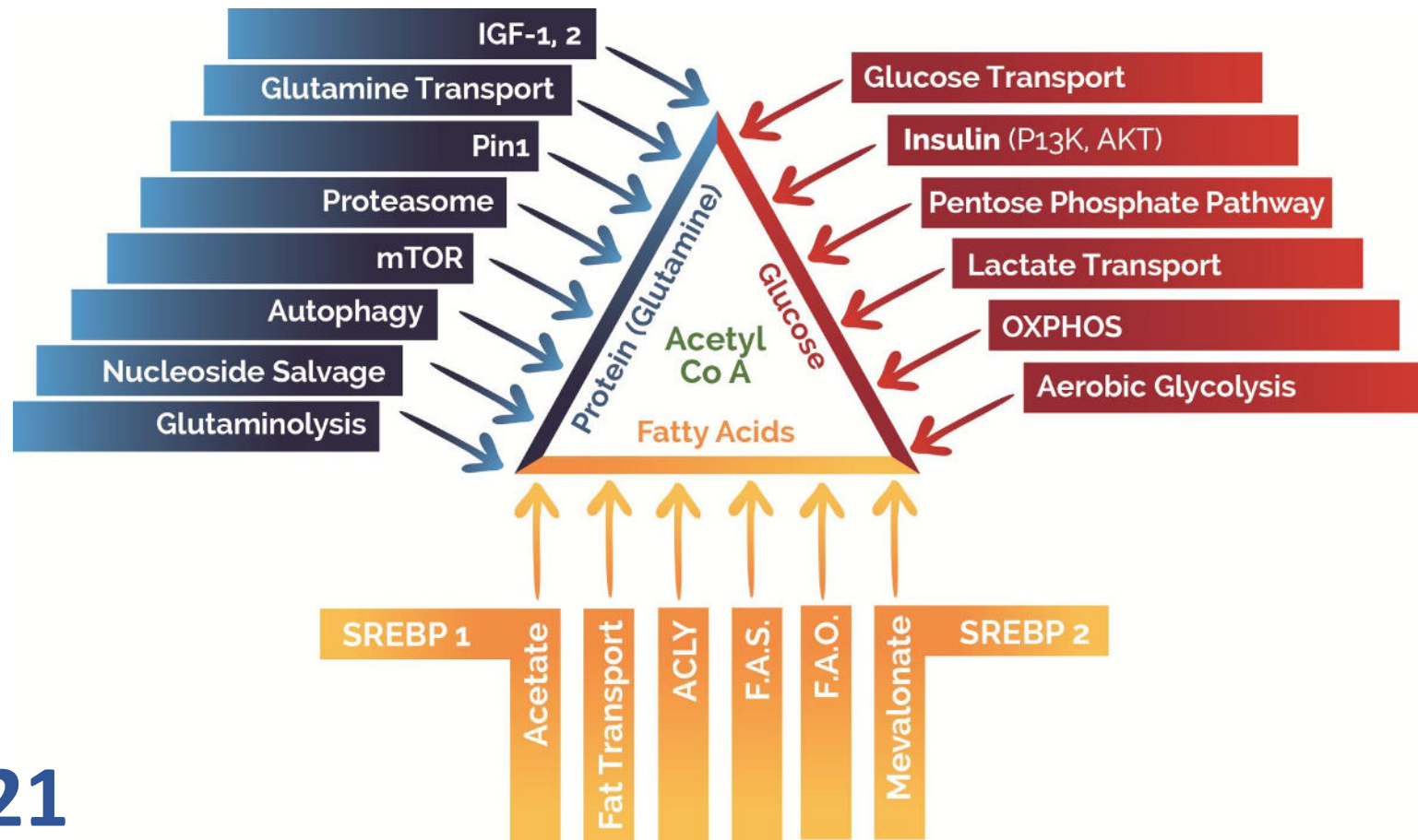


← Ivermectin and mebendazole affect the glucose receptors

← Ivermectin and niclosamide

← Mebendazole – LDH inhibitor

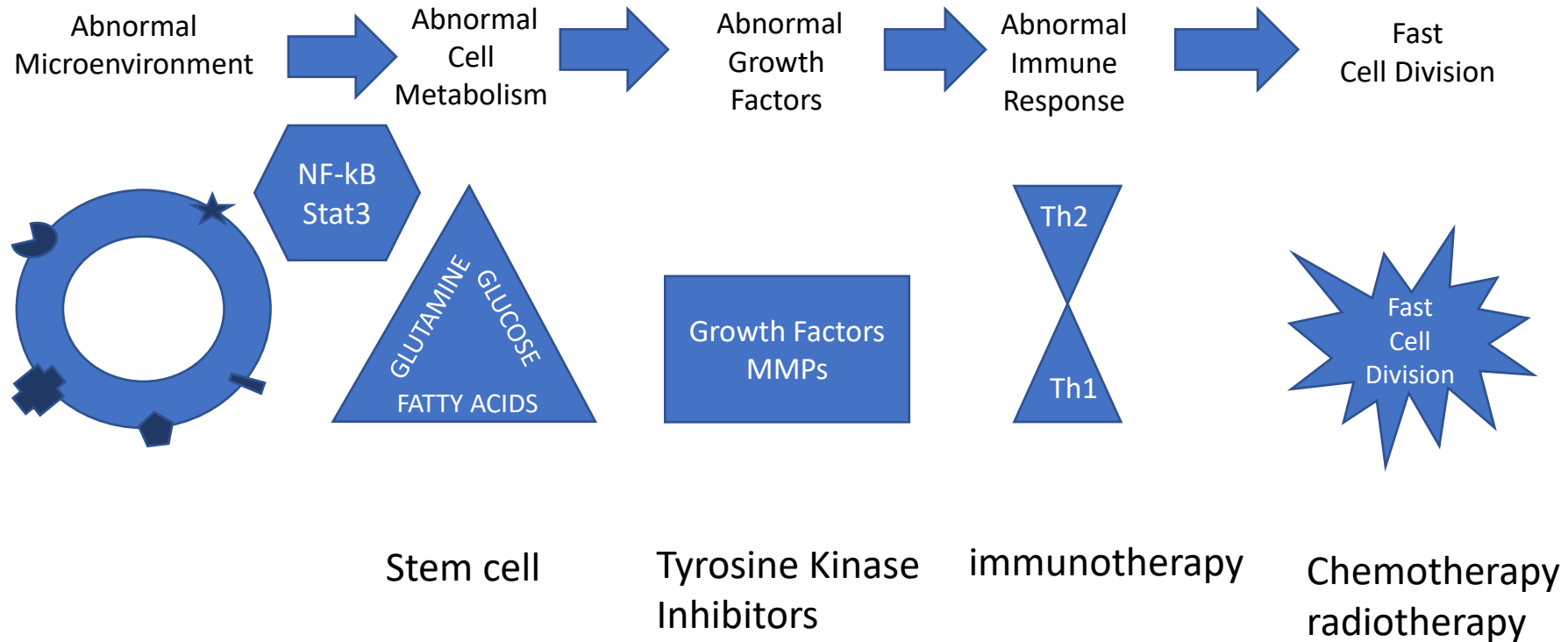
No inhibition of fat pathways
Many cancers upregulate these to resist
And rewire



2021



Cancer's Progression/ My Hallmarks





We need to find
the right cocktails



How To Starve Cancer - Online Course

Simple strategies to starve your cancer without starving yourself

- For information about my book and my online course please visit my website

www.howtostarvecancer.com

Normally \$129

BLACK-FRIDAY sale

