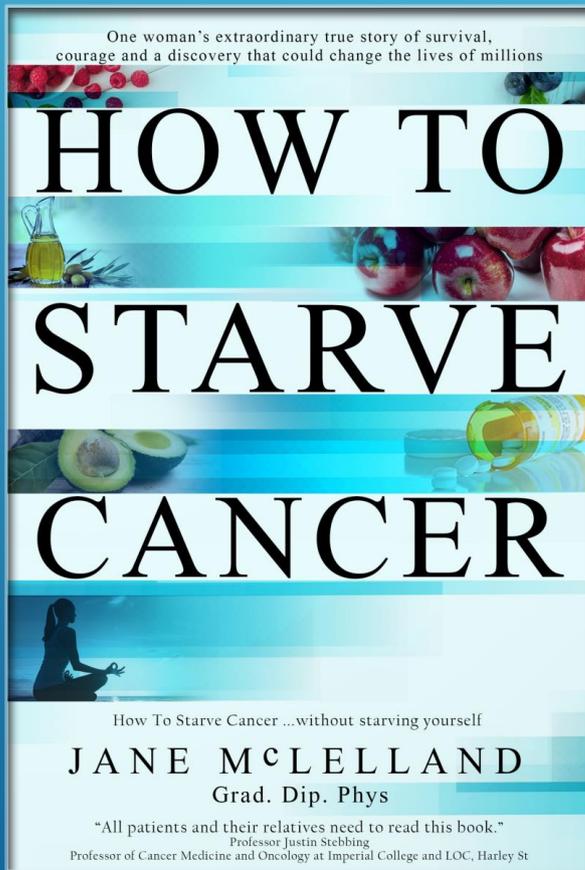


Starving Cancer's Metabolic Pathways: the answer to long-term remission?



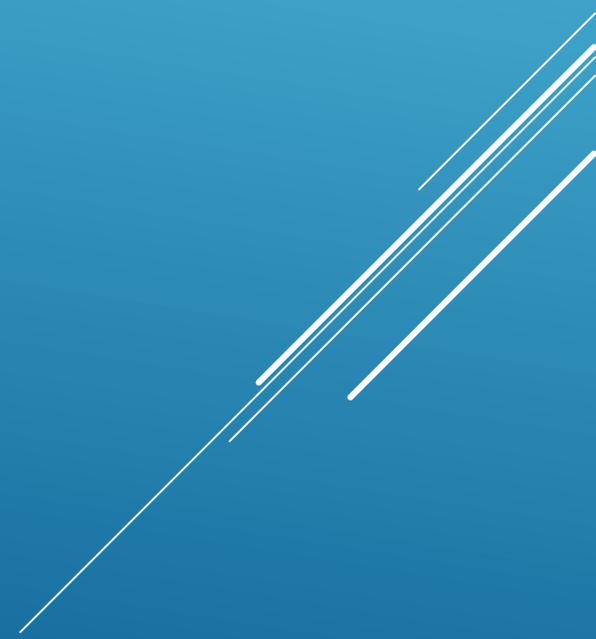
**Jane McLelland Off
Label Drugs For Cancer**

www.howtostarvecancer.com

DO WE ALREADY HAVE
A CURE
FOR CANCER?

At this date, we are not limited by the science; we are limited by our ability to make good use of the information and treatments we already have. Too often, lives are tragically ended not by cancer but by the bureaucracy that came with the nation's investment in the war on cancer, by review boards, by the FDA, and by the doctors who won't stand by their patients or who are afraid to take a chance.'

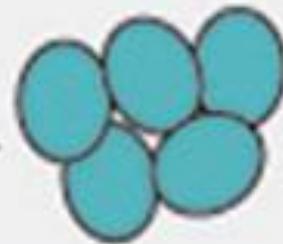
Dr Vincent De Vita, former director of the NCI
Editor of The Cancer Journal

A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, set against a blue background.

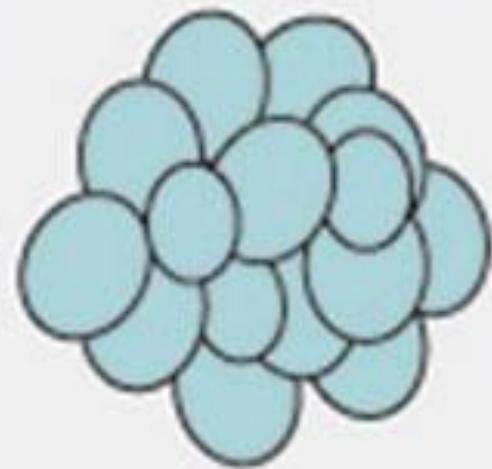
Seeds for Cancer's Survival



Chemotherapy kills most cancer cells



But cancer stem cells survive...



...and seed a new tumor that resists chemotherapy

STAGE 4/TERMINAL/FINAL STAGE



CHEMOTHERAPY



1ST LINE



2ND LINE



DEATH

STAGE 4/TERMINAL/FINAL STAGE



CHEMOTHERAPY



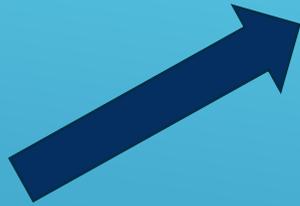
1ST LINE



2ND LINE



ALIVE!



Diet,

STAGE 4/TERMINAL/FINAL STAGE



CHEMOTHERAPY



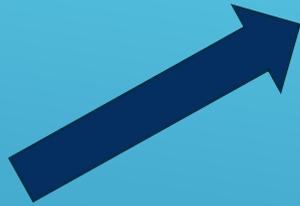
1ST LINE



2ND LINE



ALIVE!



**Diet,
Supplements,**

STAGE 4/TERMINAL/FINAL STAGE



CHEMOTHERAPY



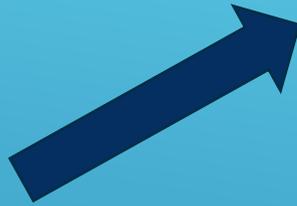
1ST LINE



2ND LINE



ALIVE!



**Diet,
Supplements,
exercise**

STAGE 4/TERMINAL/FINAL STAGE



CHEMOTHERAPY



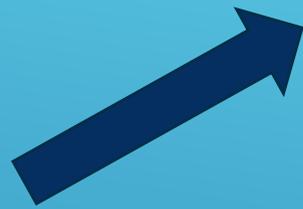
1ST LINE



2ND LINE

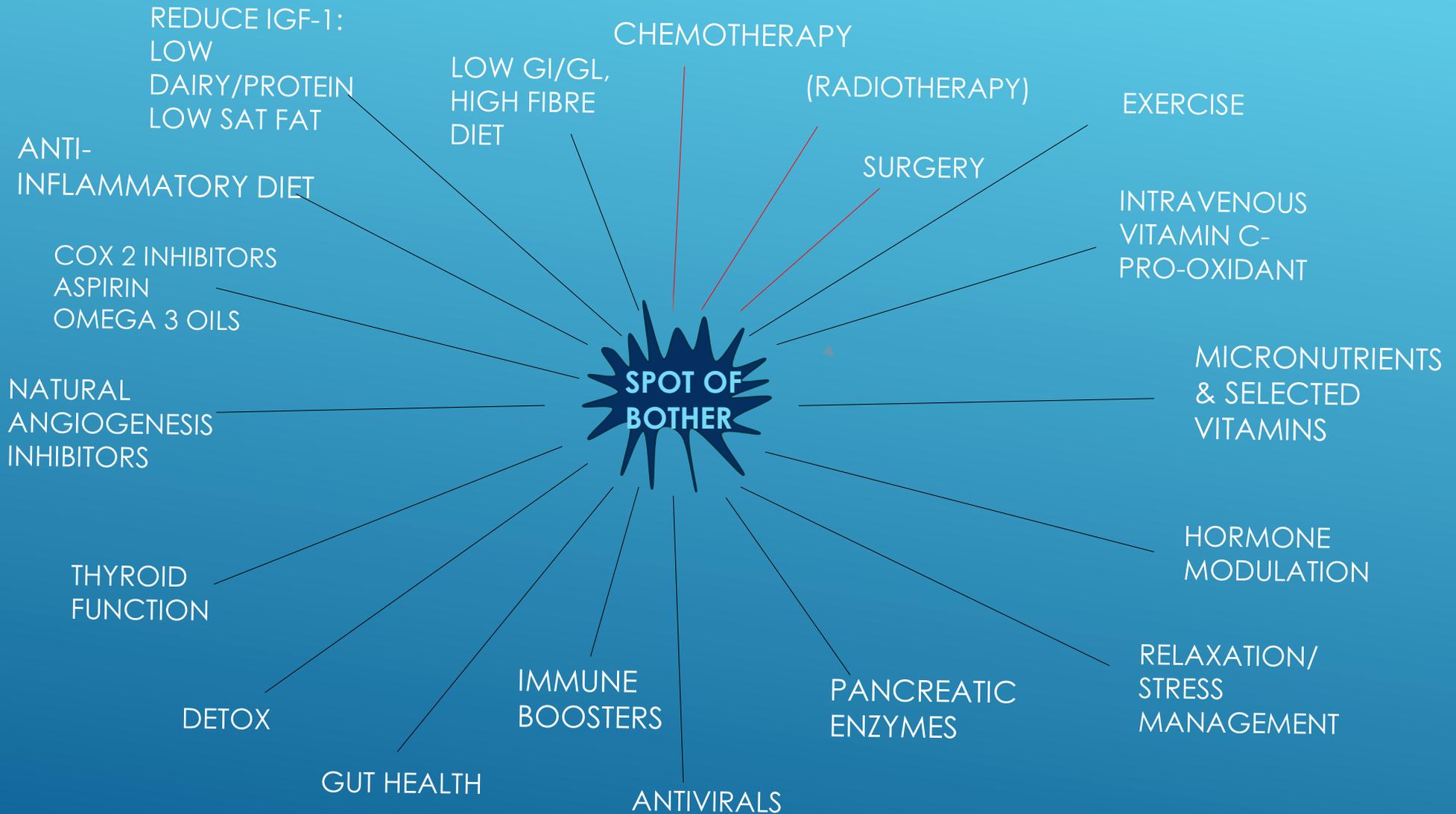


ALIVE!



**Diet,
Supplements,
exercise
Off Label Drugs**

JANE'S 'SPOT OF BOTHER'TM CHART



WHY DO WE GET CANCER?

Hanahan & Weinberg

Hallmarks of cancer 2000

- ▶ Genomic instability
- ▶ Tissue inflammation

Hanahan & Weinberg

Hallmarks of cancer 2000

- ▶ Genomic instability
- ▶ Tissue inflammation

2011

- ▶ Reprogramming of energy metabolism
- ▶ Evasion from the immune system

Hanahan & Weinberg Hallmarks of cancer 2000

- ▶ Genomic instability
- ▶ Tissue inflammation

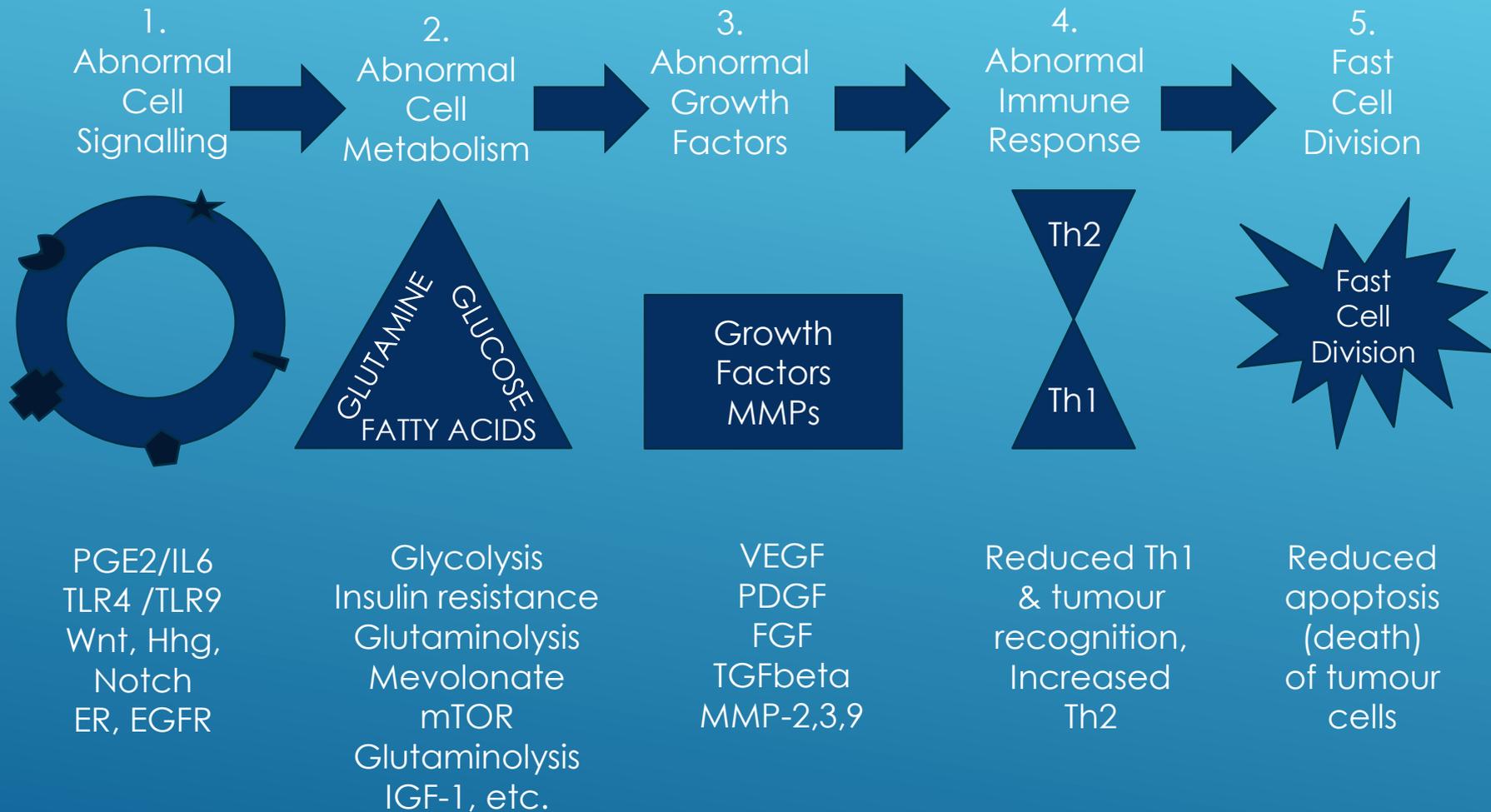
2011

- ▶ Reprogramming of energy metabolism
- ▶ Evasion from the immune system

2015

- ▶ Metabolic flexibility

Cancer's progression



One woman's extraordinary true story of survival,
courage and a discovery that could change the lives of millions



HOW TO



STARVE



CANCER



How To Starve Cancer ...without starving yourself

JANE M^CLELLAND

Grad. Dip. Phys

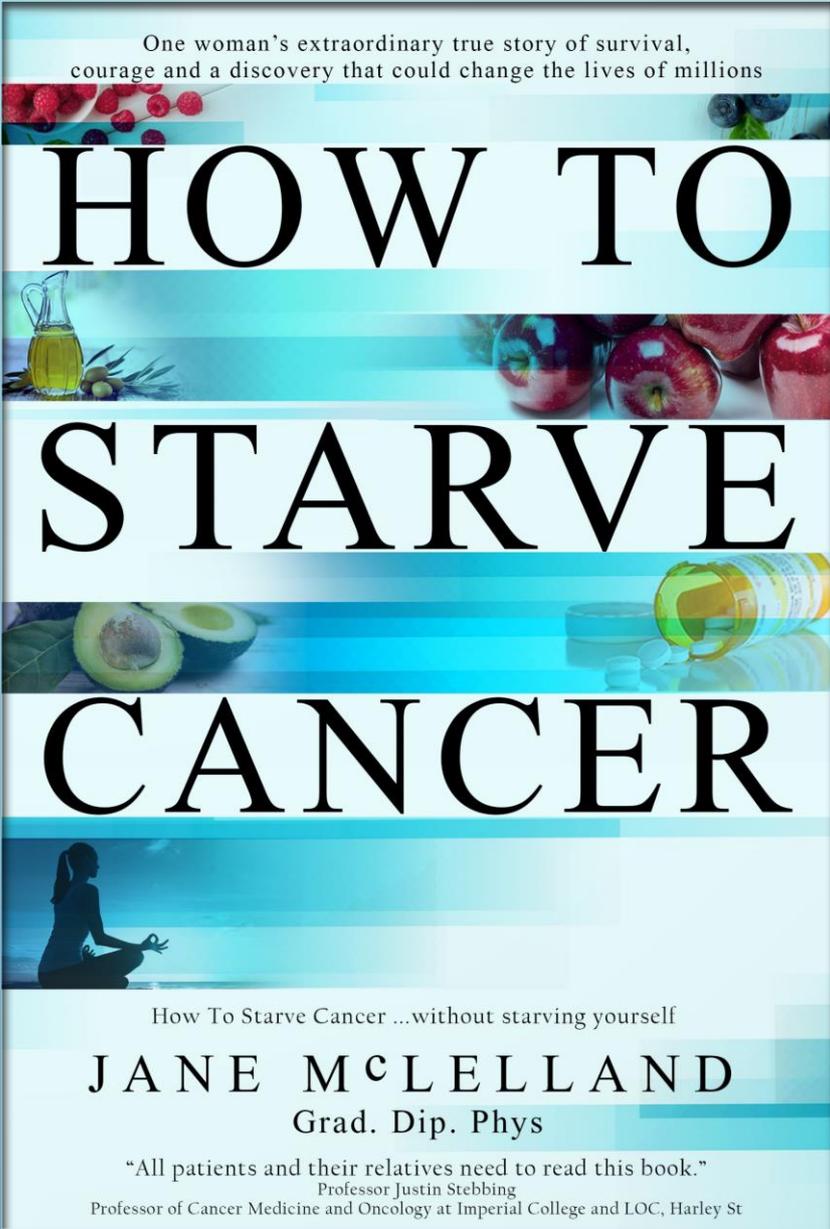
"All patients and their relatives need to read this book."

Professor Justin Stebbing

Professor of Cancer Medicine and Oncology at Imperial College and LOC, Harley St

1994-1996

One woman's extraordinary true story of survival,
courage and a discovery that could change the lives of millions



HOW TO

STARVE

CANCER

How To Starve Cancer ...without starving yourself

JANE MCLELLAND

Grad. Dip. Phys

"All patients and their relatives need to read this book."

Professor Justin Stebbing

Professor of Cancer Medicine and Oncology at Imperial College and LOC, Harley St

1999

JOURNAL OF HERBAL MEDICINE 1999

Mahonia Aquifolium (berberine, oxycanthine)

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

One woman's extraordinary true story of survival,
courage and a discovery that could change the lives of millions



HOW TO



STARVE



CANCER



How To Starve Cancer ...without starving yourself

JANE M^CLELLAND

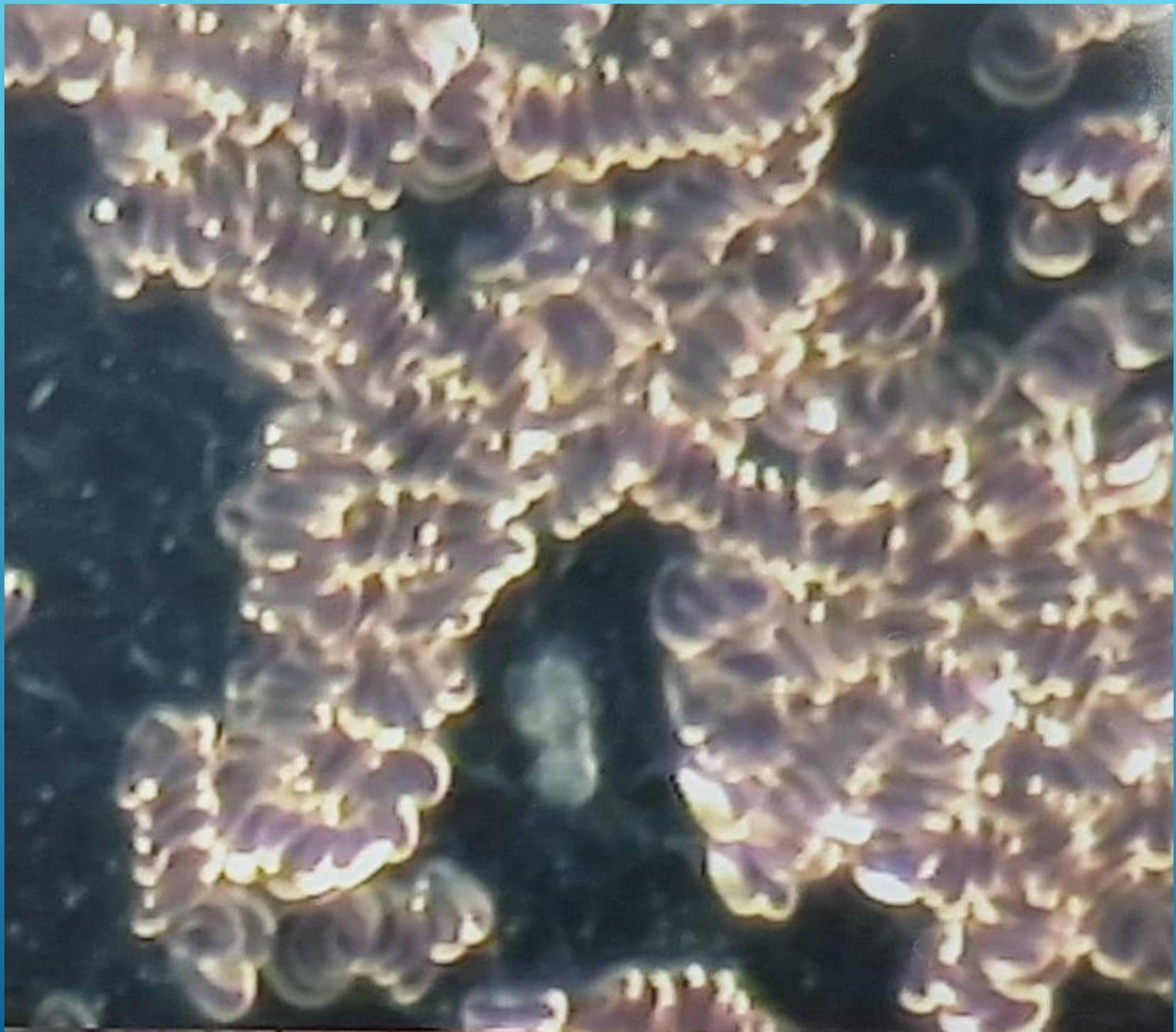
Grad. Dip. Phys

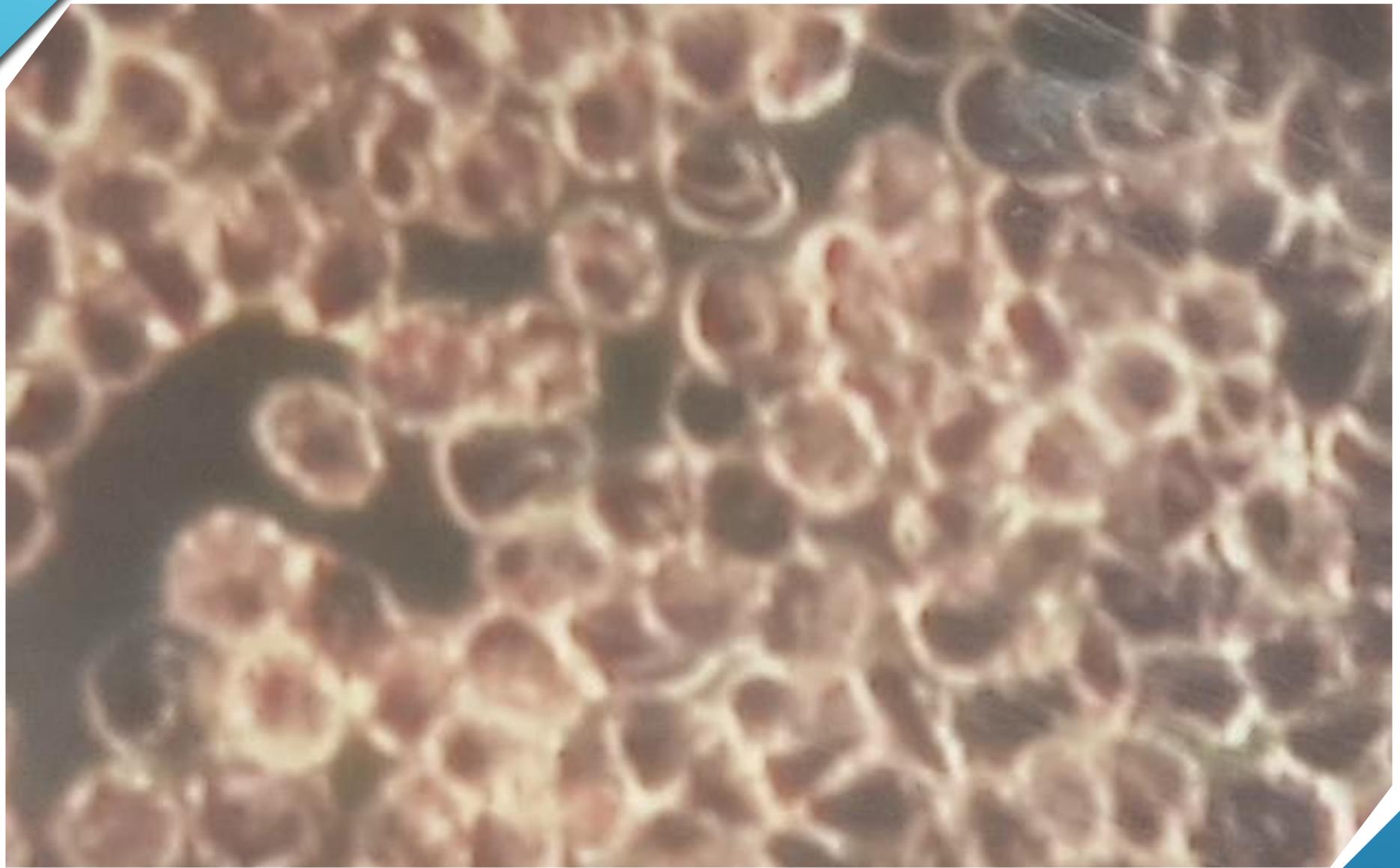
"All patients and their relatives need to read this book."

Professor Justin Stebbing

Professor of Cancer Medicine and Oncology at Imperial College and LOC, Harley St

2000-2003





Neurotech Number:- 05/03/3936

Patient:- Ms. Jane McLelland

H/S

Date of Birth:- 11 - 02 - 82
Date of sample:- 23 - 05 - 03

Tumor Marker 2 Pyruvate Kinase

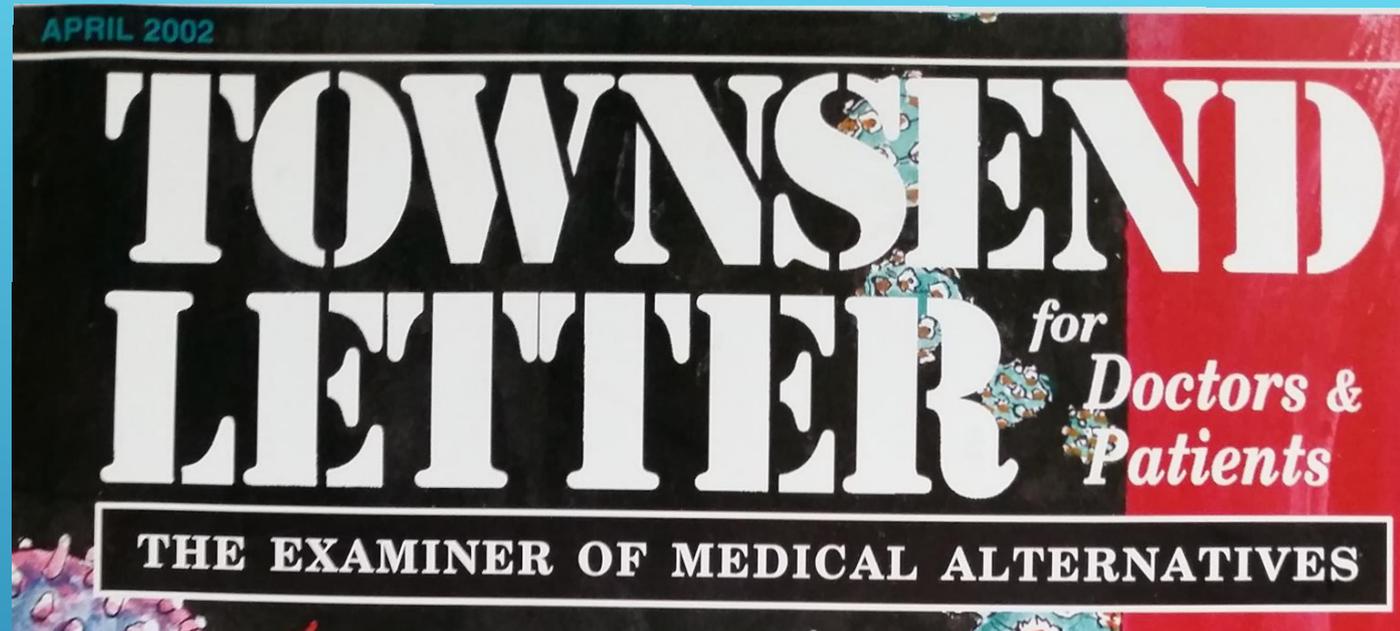
Result:- 397 units/ml of plasma
Normal range:- <15 units/ml of plasma

Matrix Metallo Proteinase - 2

Result:- 1, 550 copies/ μ l of plasma
Normal range:- >1 - <1, 000 copies/ μ l of plasma

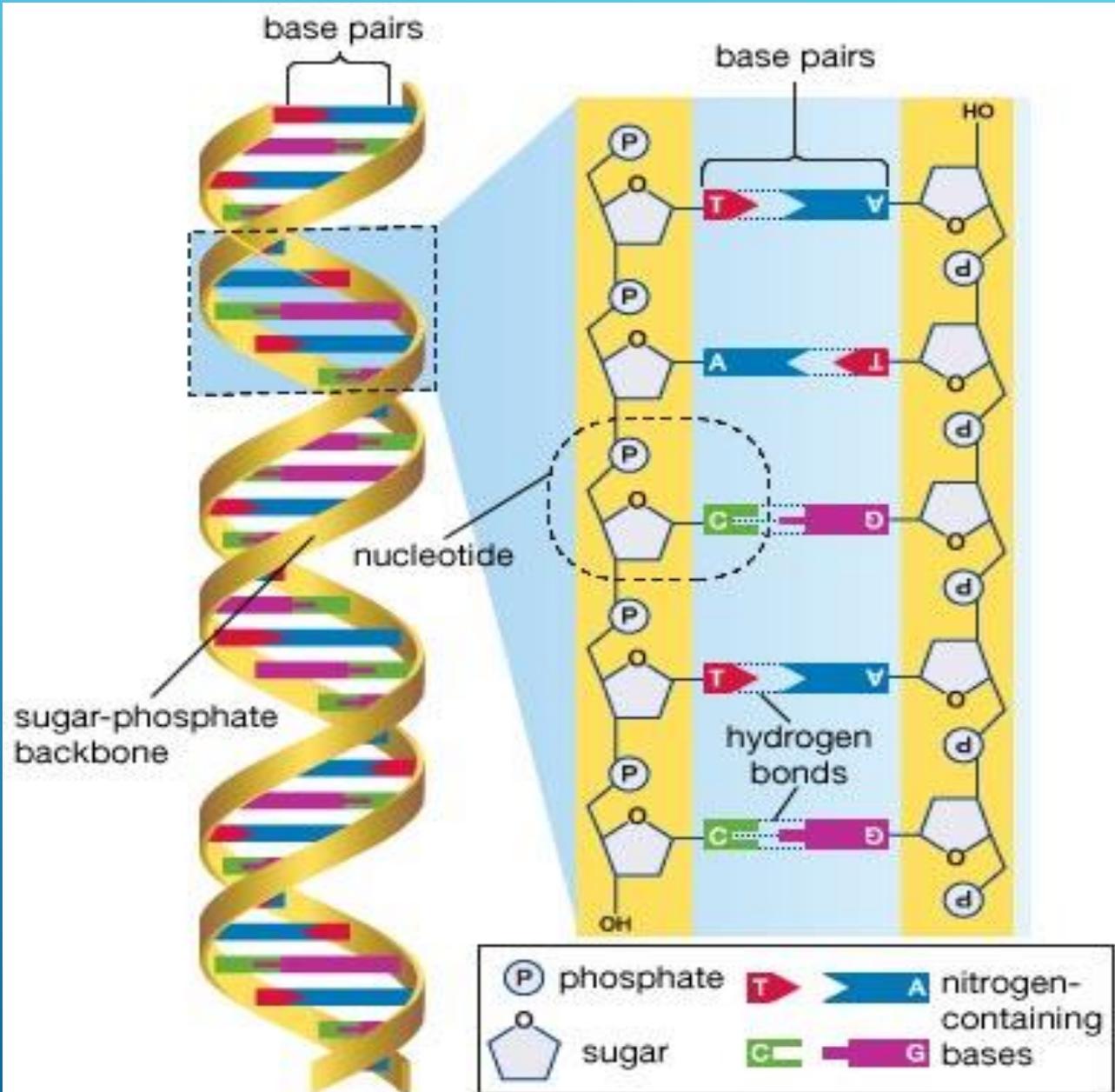
Interferon Gamma Gene Expression

Result:- 858 copies/ μ l of plasma
Normal range:- 3, 000 - 10, 000 copies/ μ l of plasma



Dipyridamole

- anti platelet drug
- nucleoside transport inhibitor



Adenosine
 cytidine
 guanosine
 thymidine

Dipyridamole for treatment of melanoma.
(PMID:2858634)

Abstract

Citations 

BioEntities 

Related Articles 

External Links 

Rhodes EL, Misch KJ, Edwards JM, Jarrett PE

Lancet (London, England) [01 Mar 1985, 1(8430):693]

DIPYRIDAMOLE (PERSANTIN)

- ▶ Inhibits metastasis (MMP-9 inhibitor)
- ▶ Inhibitor of platelet aggregation
- ▶ Platelet derived growth factor inhibitor
- ▶ Potent anti-viral effect
- ▶ Reduces nucleoside salvage
- ▶ Autophagy modulator
- ▶ SREBP-2 inhibitor

DIPYRIDAMOLE CONT'D

- ▶ High affinity for protein, holds it in blood
- ▶ PDE inhibitor – synergy with statin drugs
- ▶ Inhibits platelet derived-growth factor.
- ▶ Reduces transforming growth factor beta
- ▶ Synergistic with Interferon alpha
- ▶ Cox inhibitor (Anti inflammatory)
- ▶ Modulates adenosine concentration in blood
- ▶ Integrin modulator
- ▶ Inhibits inflammatory responses mediated by NF-κB
- ▶ Autophagy modulator
- ▶ SREBP-2 inhibitor



American 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**.

Life Extension Magazine:

Lovastatin combined with etodolac (NSAID)
to trigger apoptosis

Gastroenterology
(1999, Vol.116)

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

Jane McLelland 2003

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



Neurotech Number:- 12/03/5473

Patient:- Ms Jane McLelland

Date of Birth:- 02 - 12 - 03

Date of Sample:-02 - 12 - 03

Tumour Marker 2 - Pyruvate Kinase

Result:-

21.5 units/ml of plasma

Reference Range:-

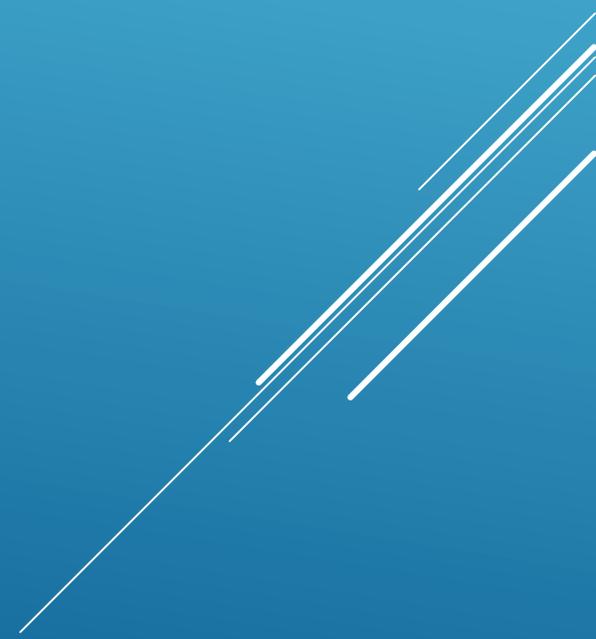
<15 units/ml of plasma

Jane McLelland 2003

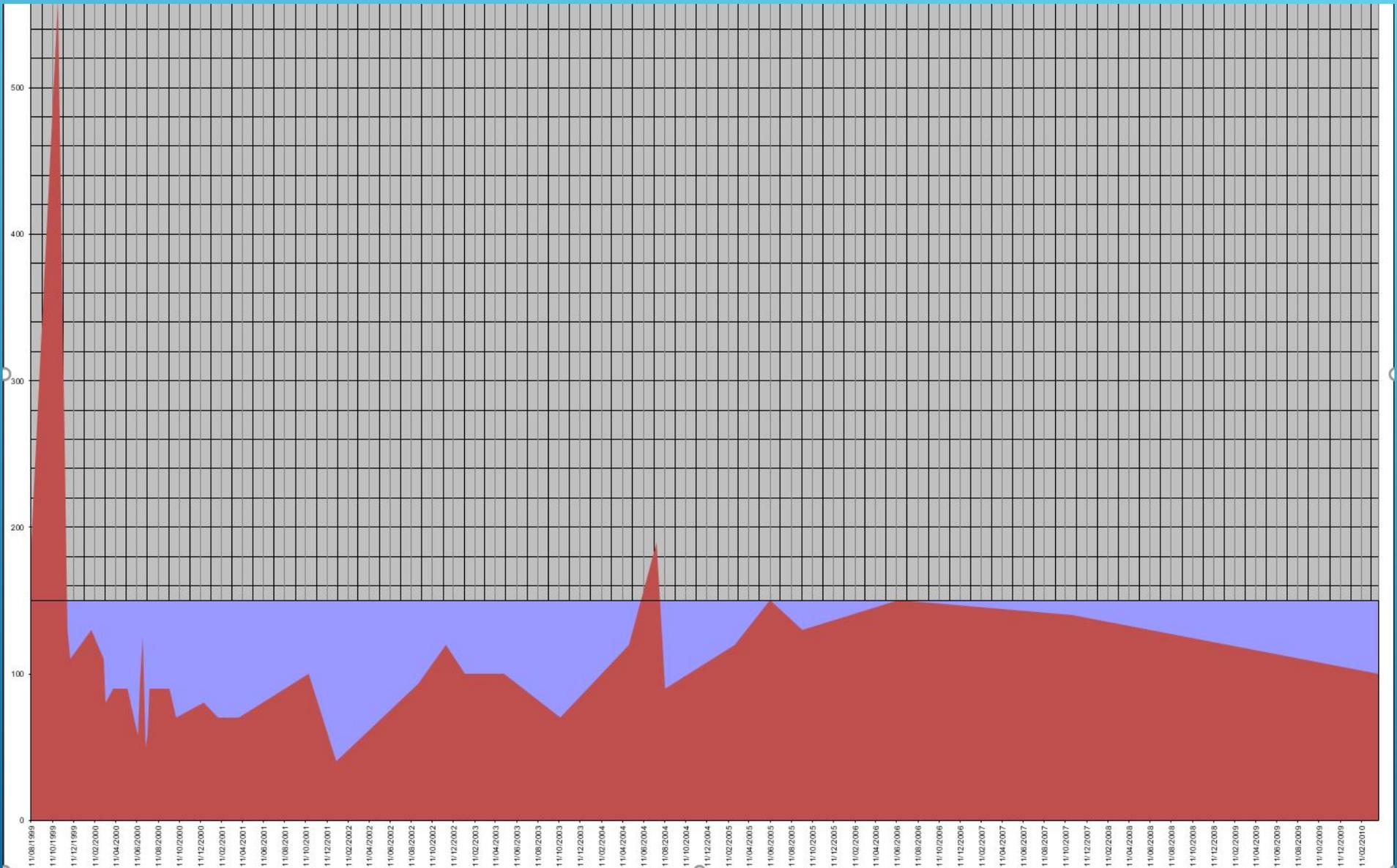
**DIPYRIDAMOLE + NSAID (etodolac) +
LOVASTATIN + OMEGA 3 + Low GI diet +
IV Vit C + berberine**

2007

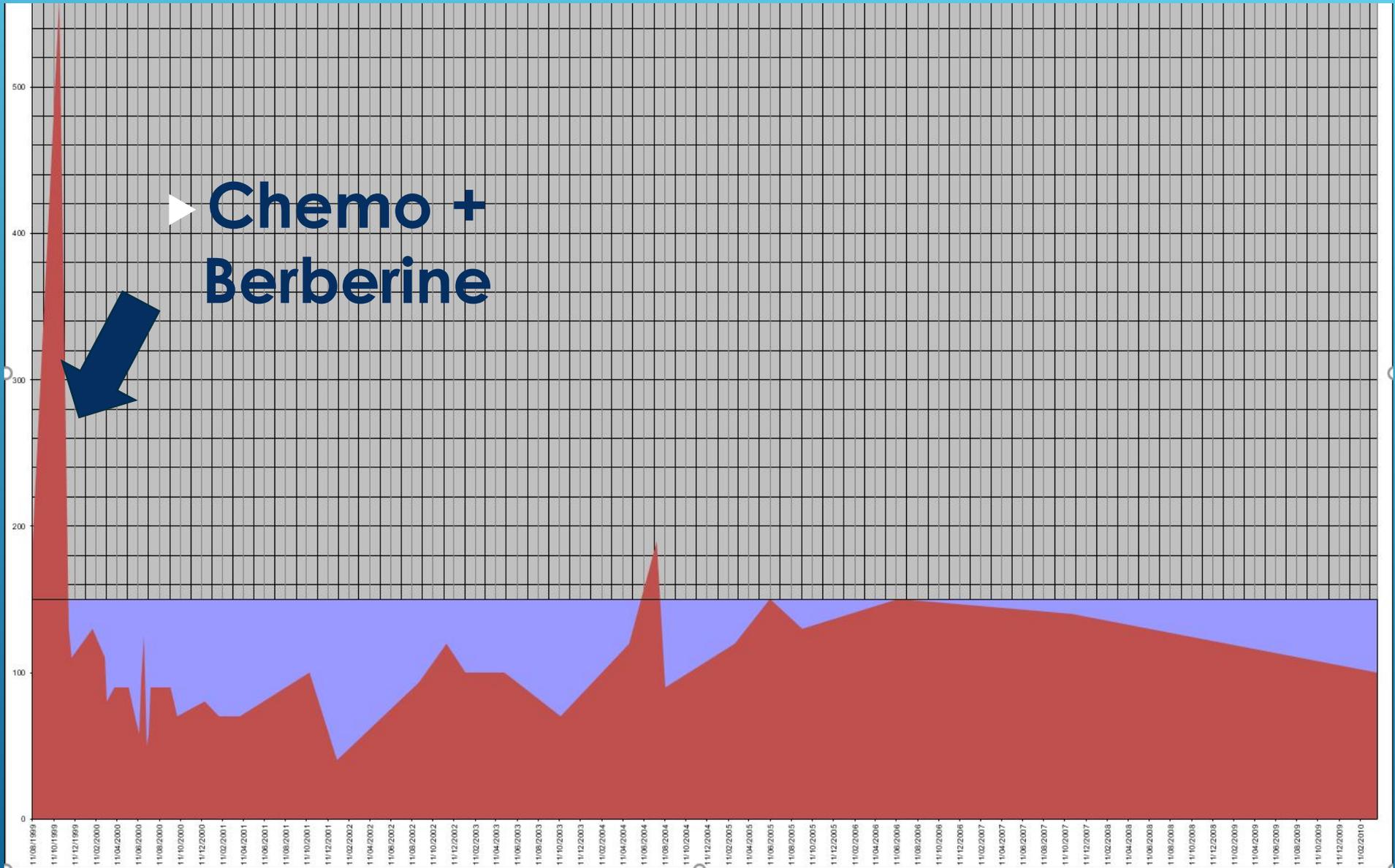
**Cimetidine 3 months
Metformin ongoing**

A decorative graphic consisting of several parallel white lines of varying lengths, slanted upwards from left to right, located in the bottom right corner of the slide.

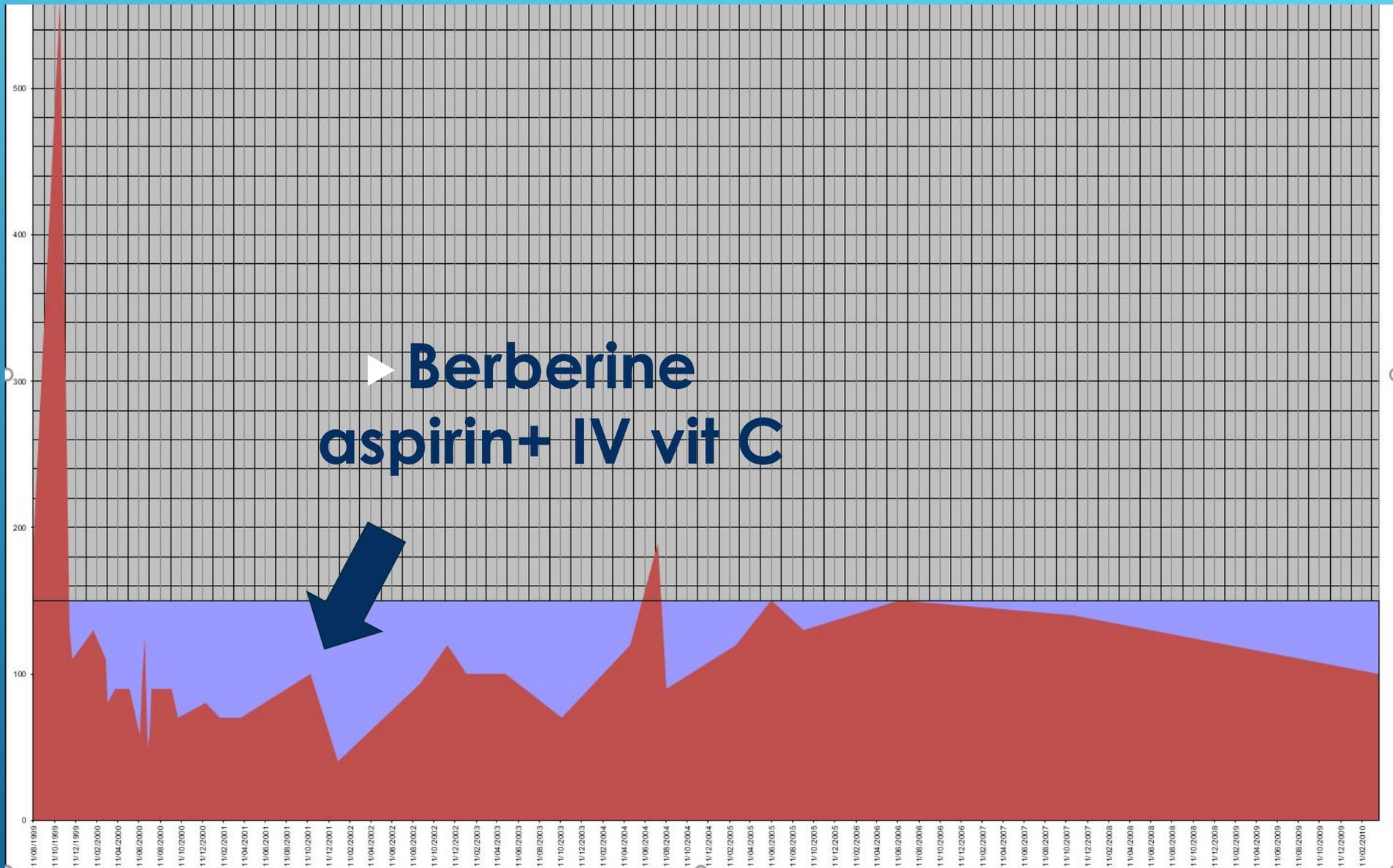
► Squamous Cell Carcinoma Antigen levels (SCC) Stage 4



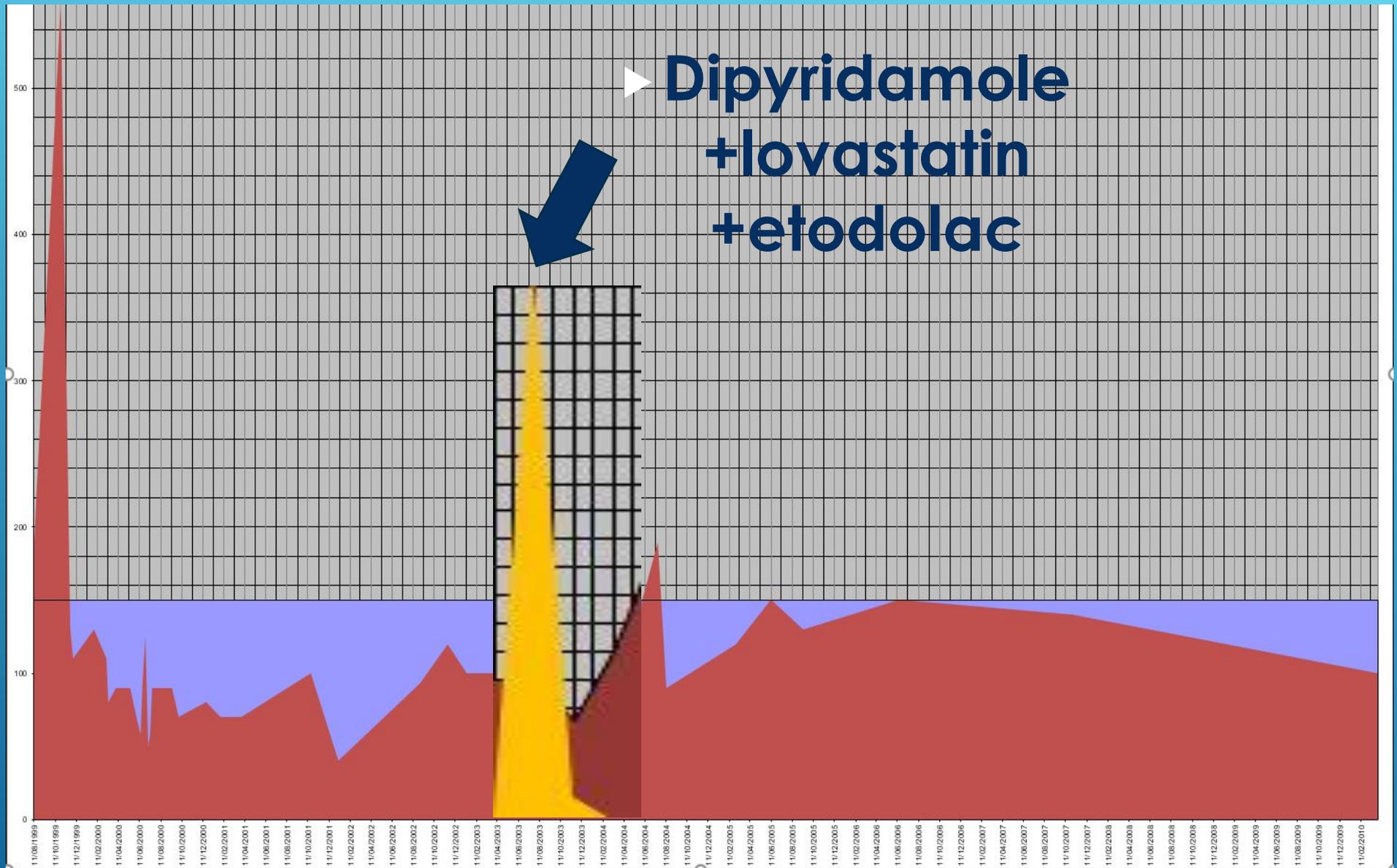
1999



2000

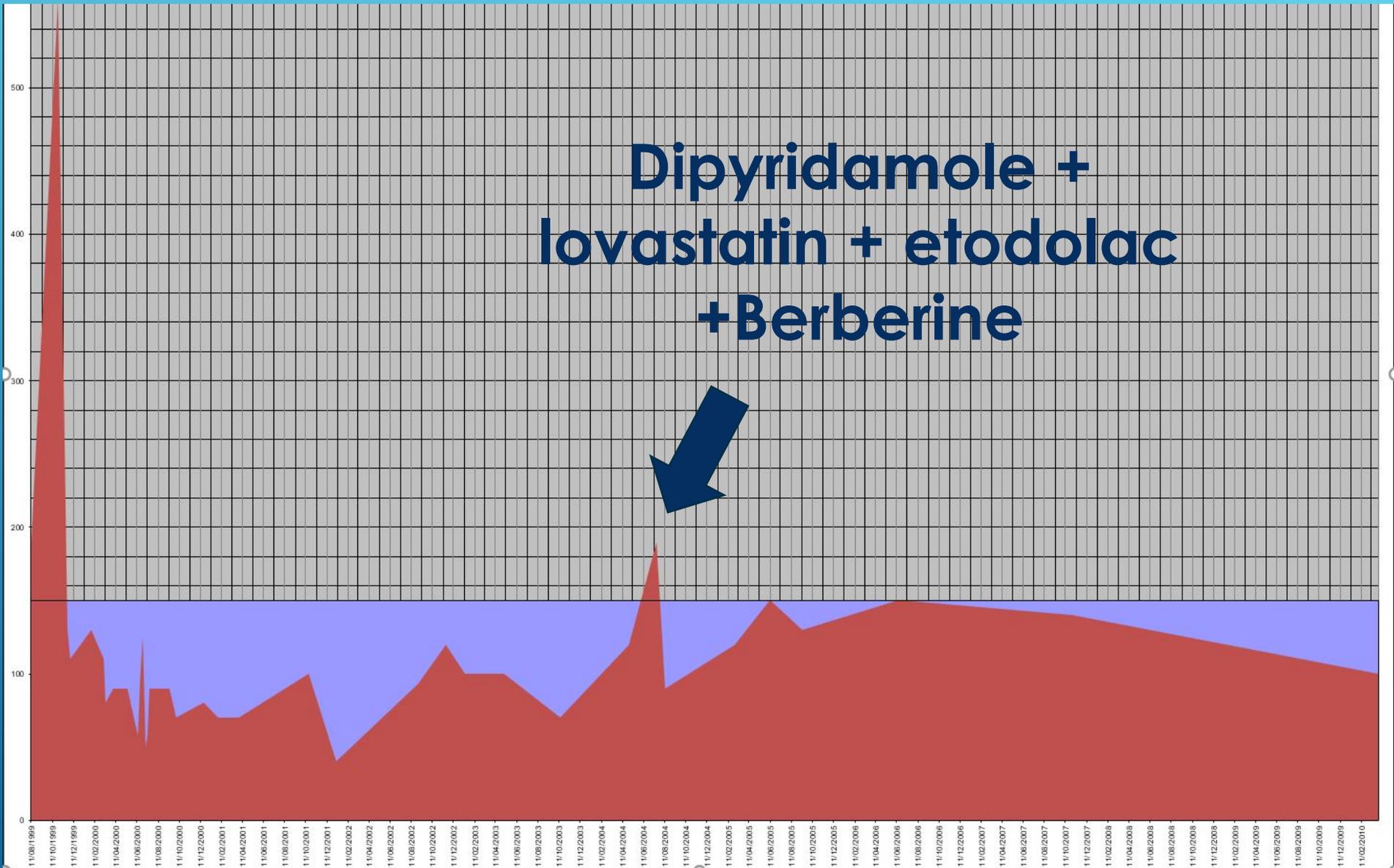


TM2PK Myelodysplasia



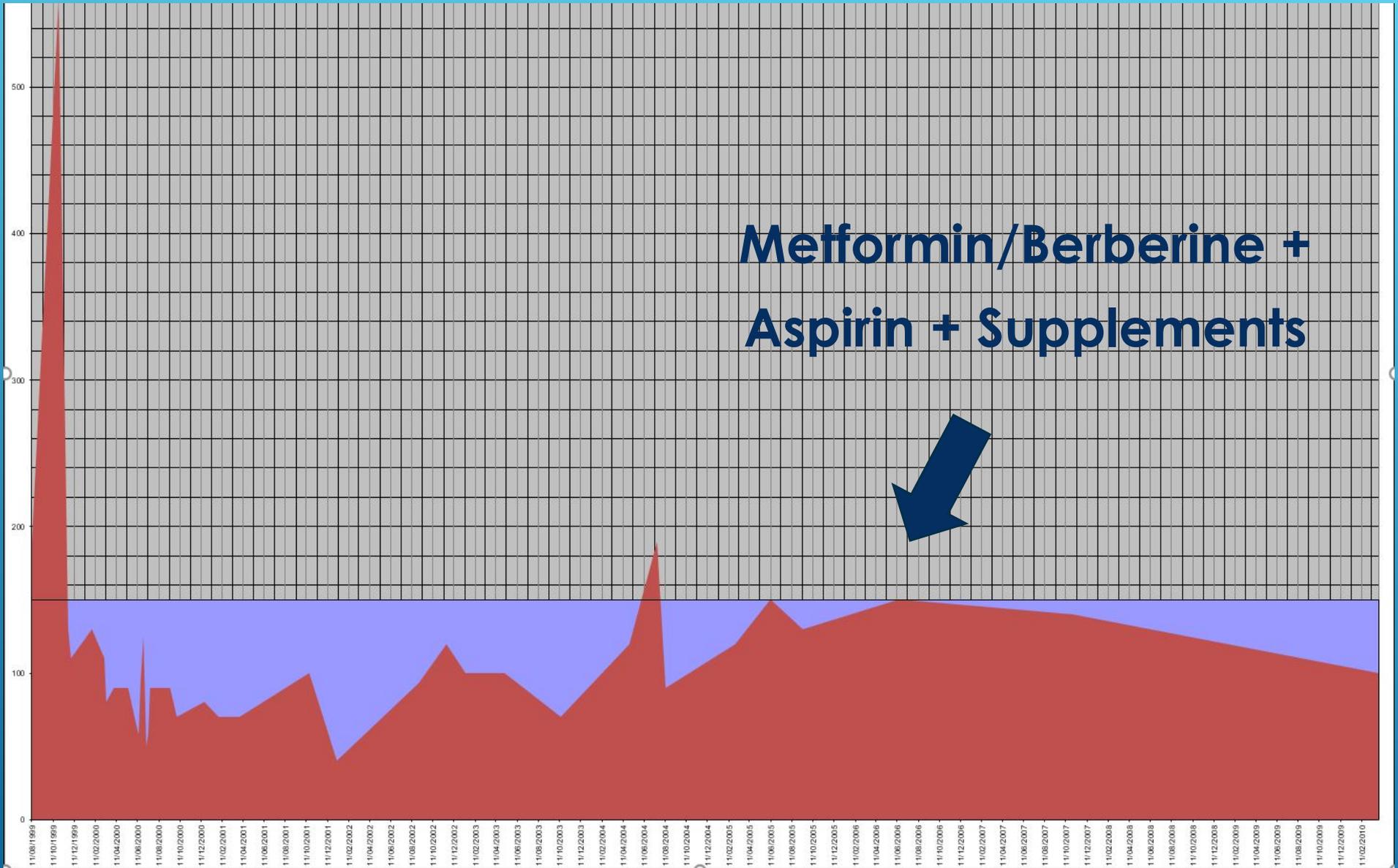
2004

**Dipyridamole +
lovastatin + etodolac
+ Berberine**



2007 onwards

**Metformin/Berberine +
Aspirin + Supplements**



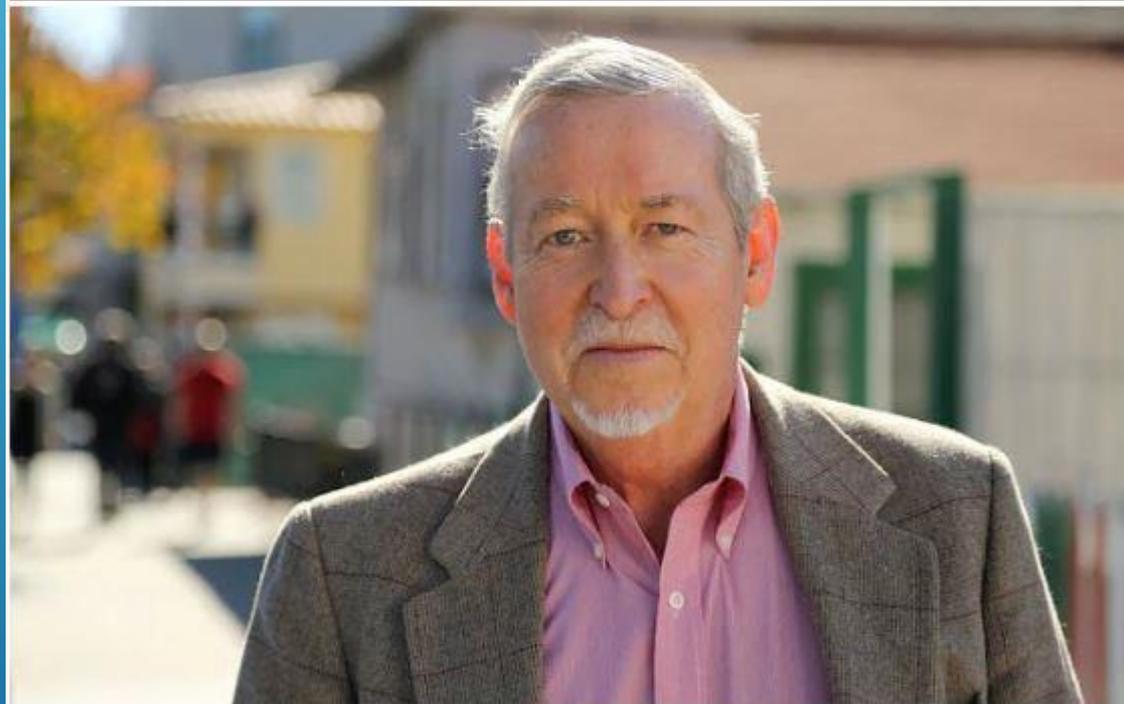
Feb 2015

The Telegraph

HOME » LIFESTYLE » WELLBEING » HEALTH ADVICE

The professor who 'cured' his cancer with a cocktail of everyday pills and 20 years on remains disease-free

Ben Williams' aggressive brain tumour was treated with conventional therapies - and with a mix of common drugs, including those for acne, insomnia and high blood pressure, as revealed in a new documentary. Could this approach work for others?

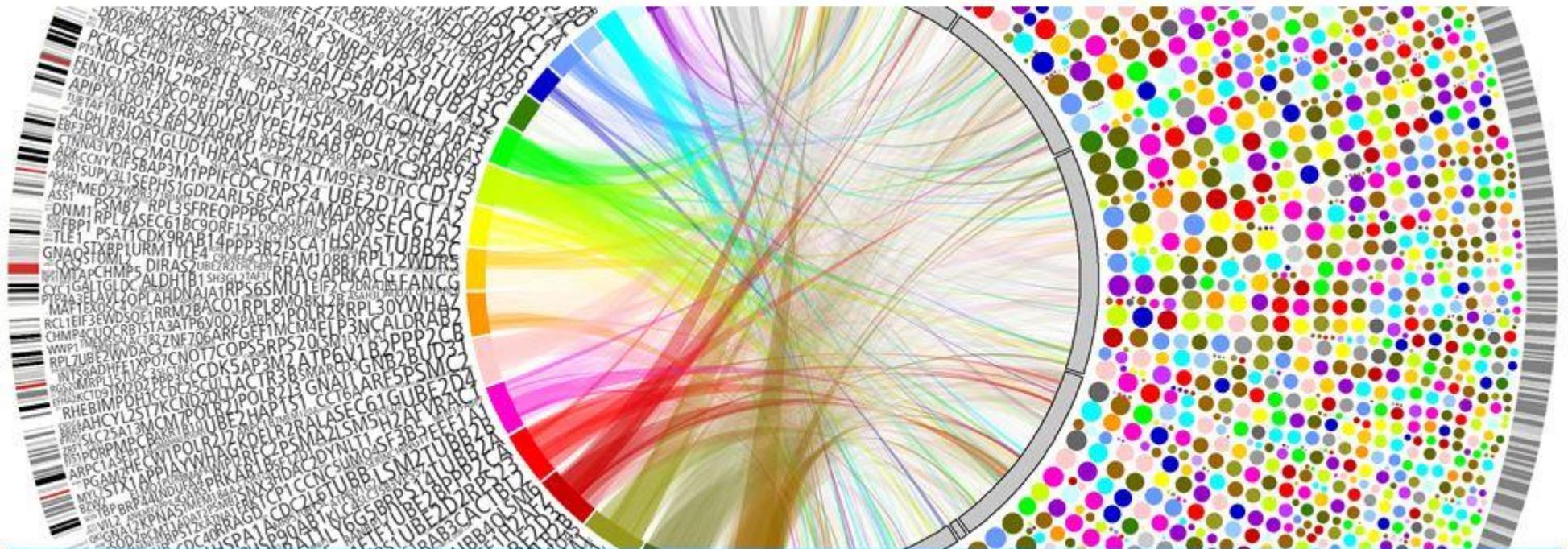


By Ruth Wood

8:00AM GMT 23 Feb 2015

Health Advice

Lifestyle » Science »
Health » Features »



Off label cocktail:
Metformin, atorvastatin, mebendazole,
doxycycline, NSAID



Jane McLelland Off Label Drugs for Cancer



Jane McLelland Off Label Drugs for Cancer

🔒 Closed group



Interacting as yourself

About

Discussion

Announcements

Members

Events

Photos

Files



Joined ▾

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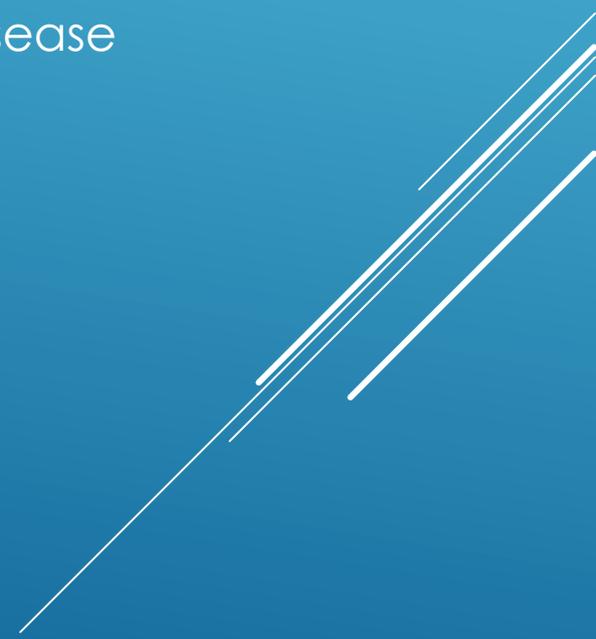
➦ Share

⋮ More

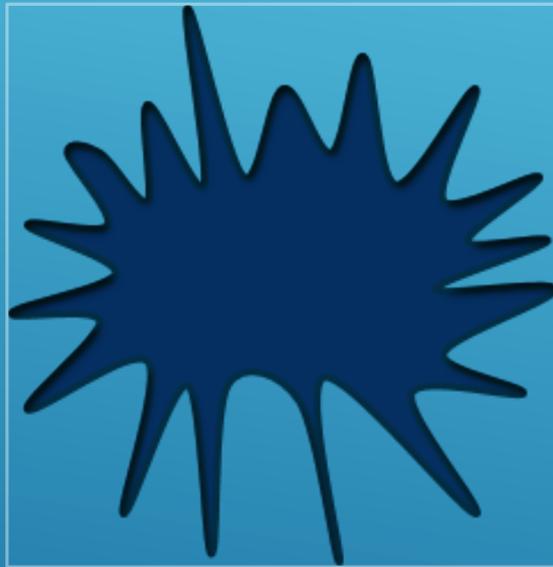


ANDREW SCARBOROUGH

2013 diagnosed with an
incurable brain tumour.
Now no evidence of disease
(NED)



STARVE CANCER



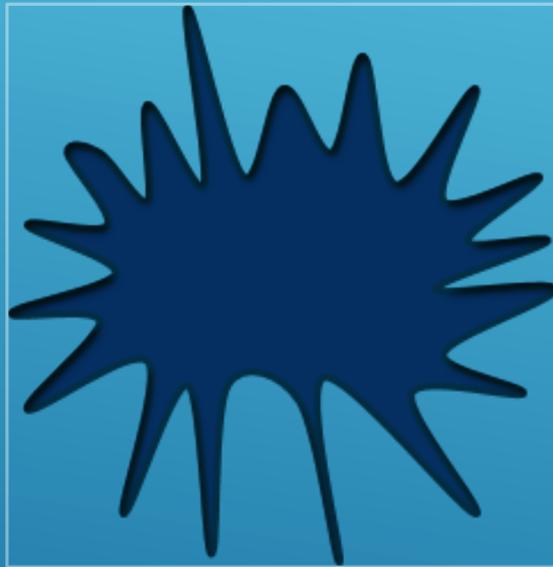
DR. CHI VAN DANG, DIRECTOR OF THE ABRAMSON
CANCER CENTER IN PENNSYLVANIA

*CANCER CELLS ARE "ADDICTED TO
NUTRIENTS"*

*AND WHEN THEY CANNOT CONSUME ENOUGH,
THEY JUST "WITHER AND DIE."*

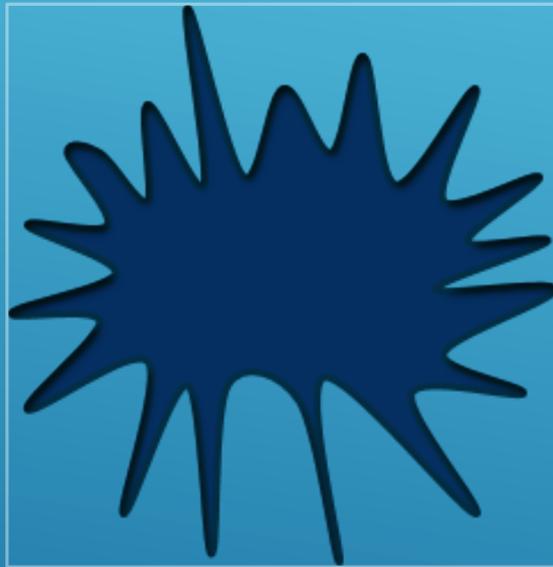
STARVE CANCER

DIET



STARVE CANCER

DIET

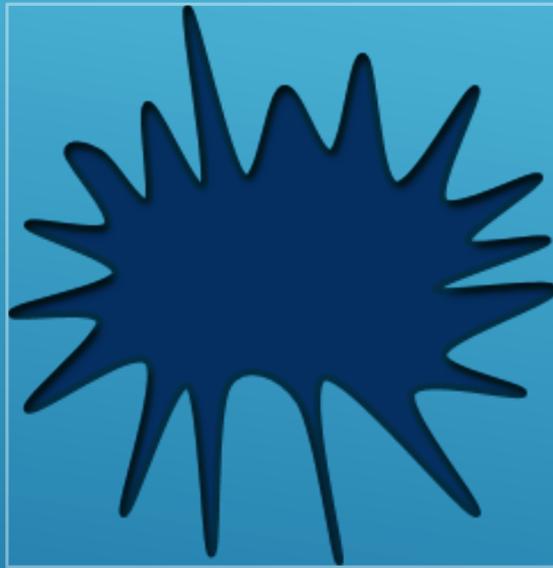


EXERCISE



STARVE CANCER

DIET



EXERCISE



SUPPLEMENTS



STARVE CANCER

DIET



EXERCISE



OFF LABEL DRUGS

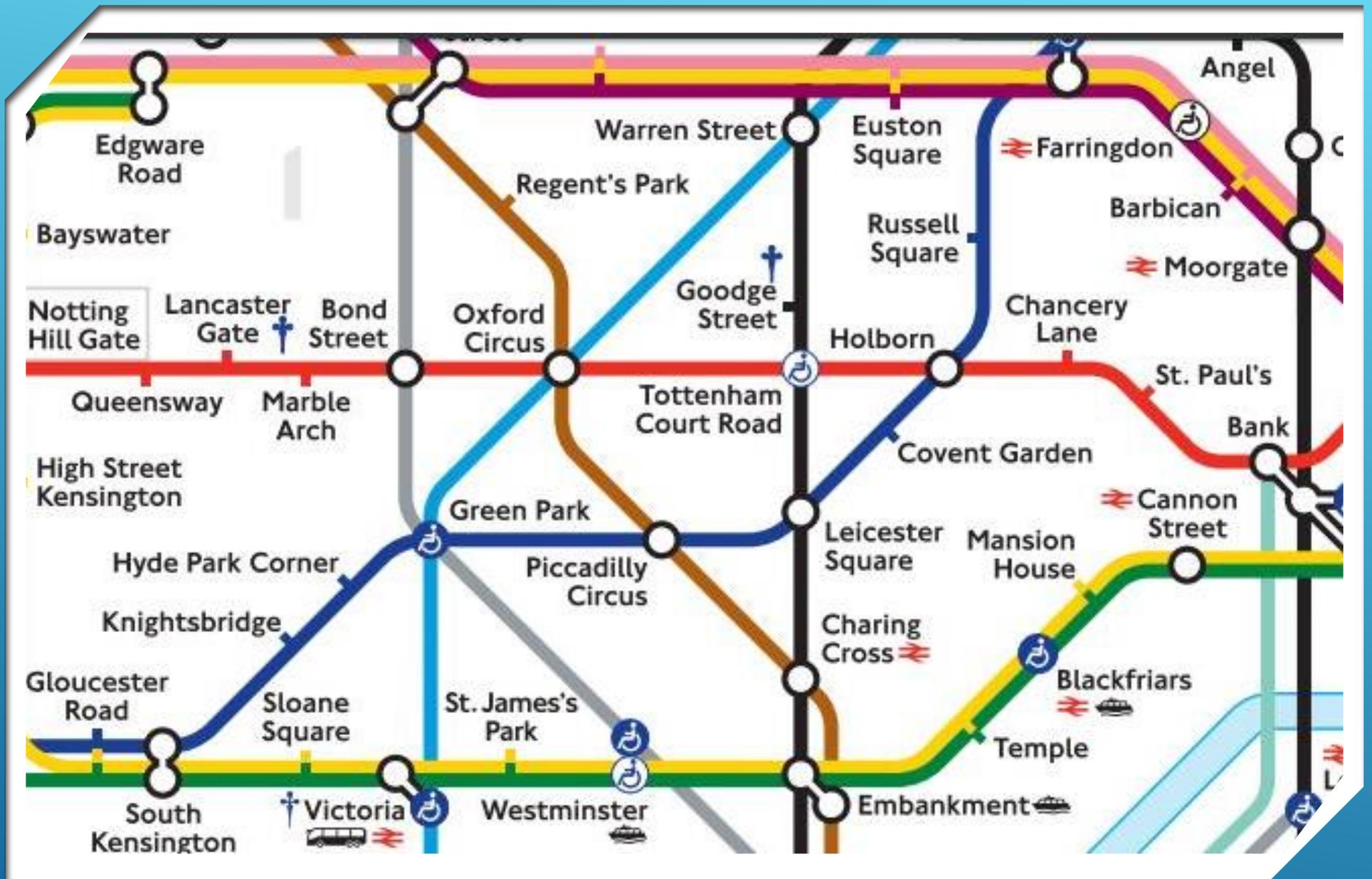


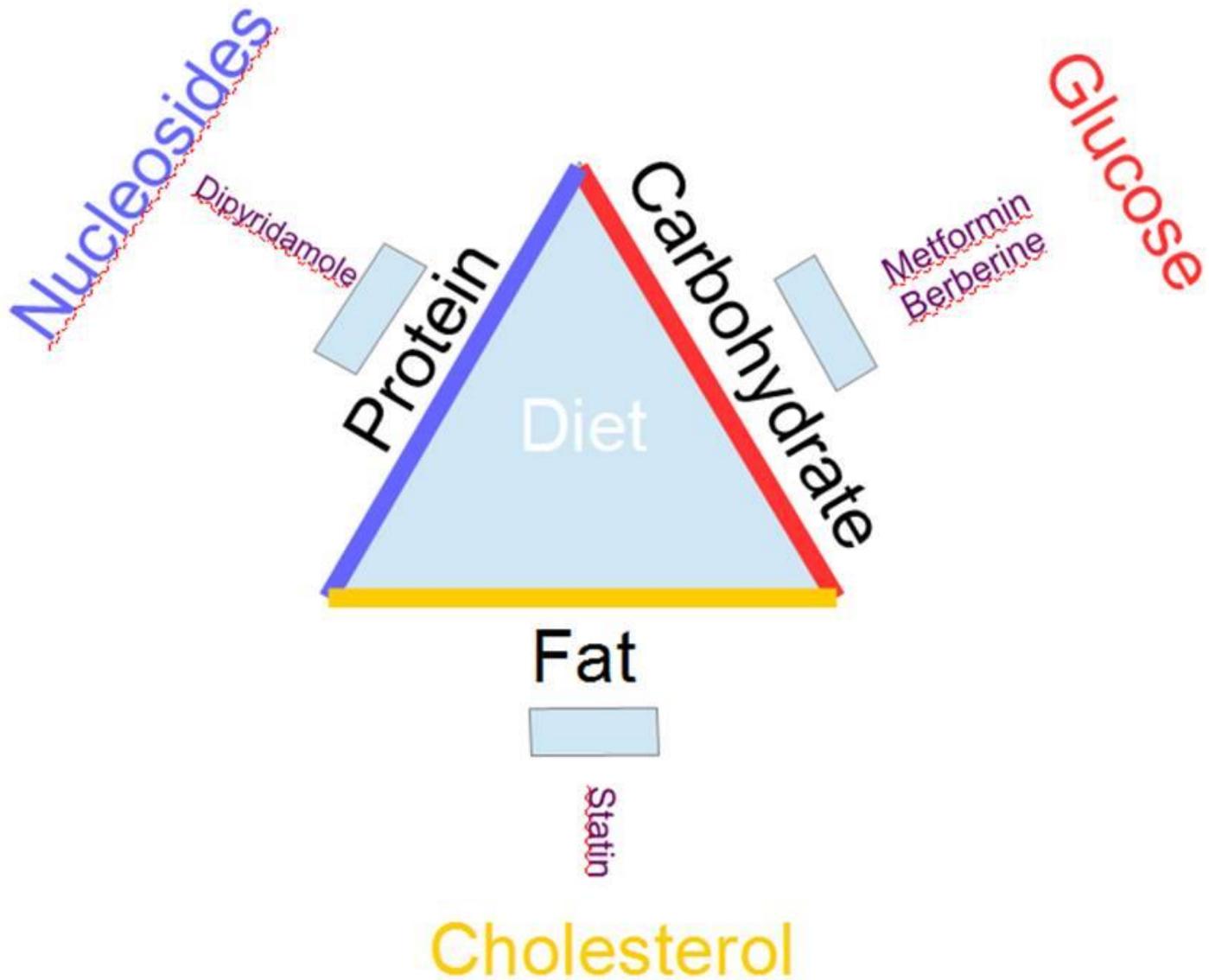
SUPPLEMENTS



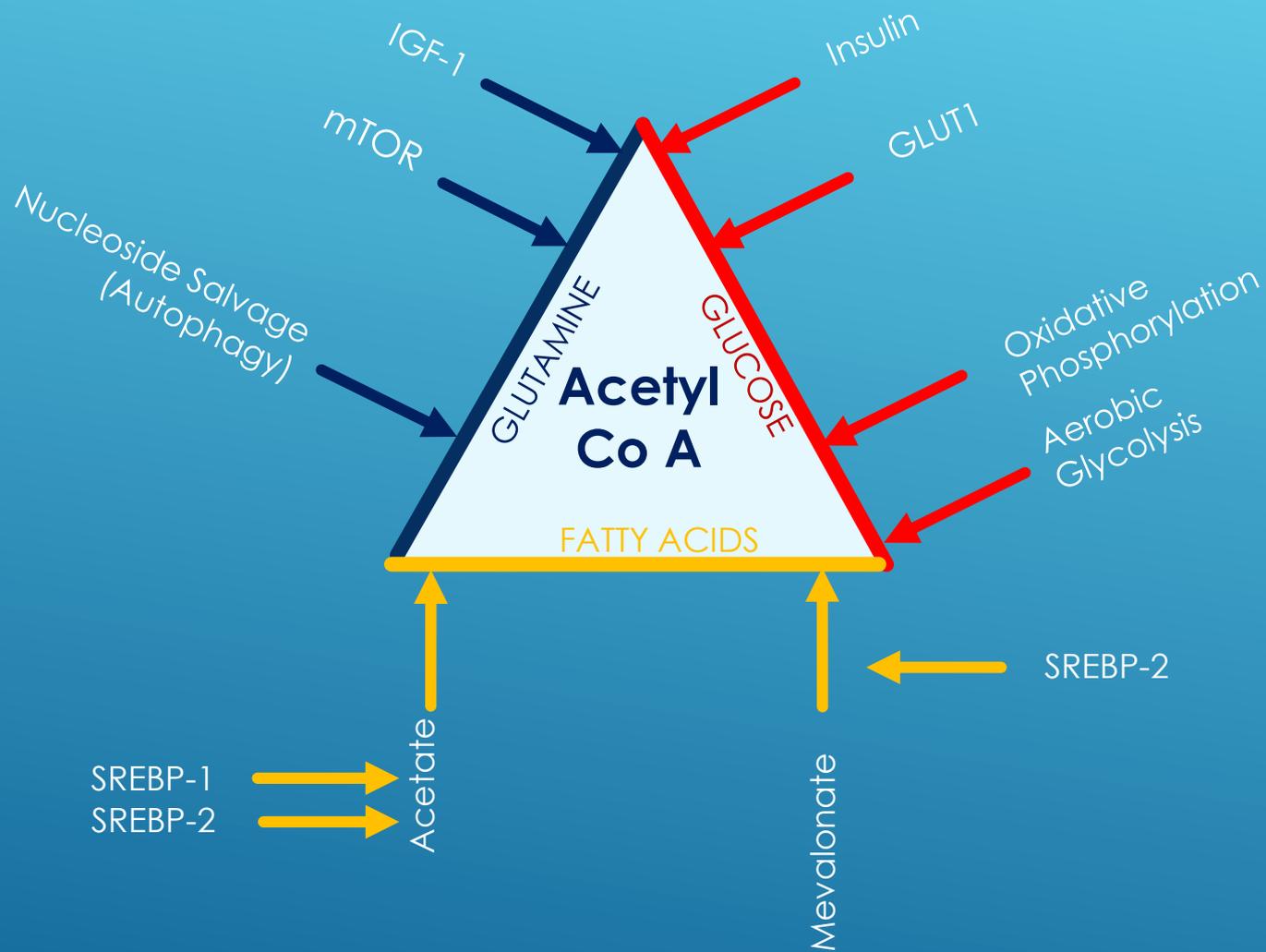
Jane's 'Piccadilly Circus' Analogy

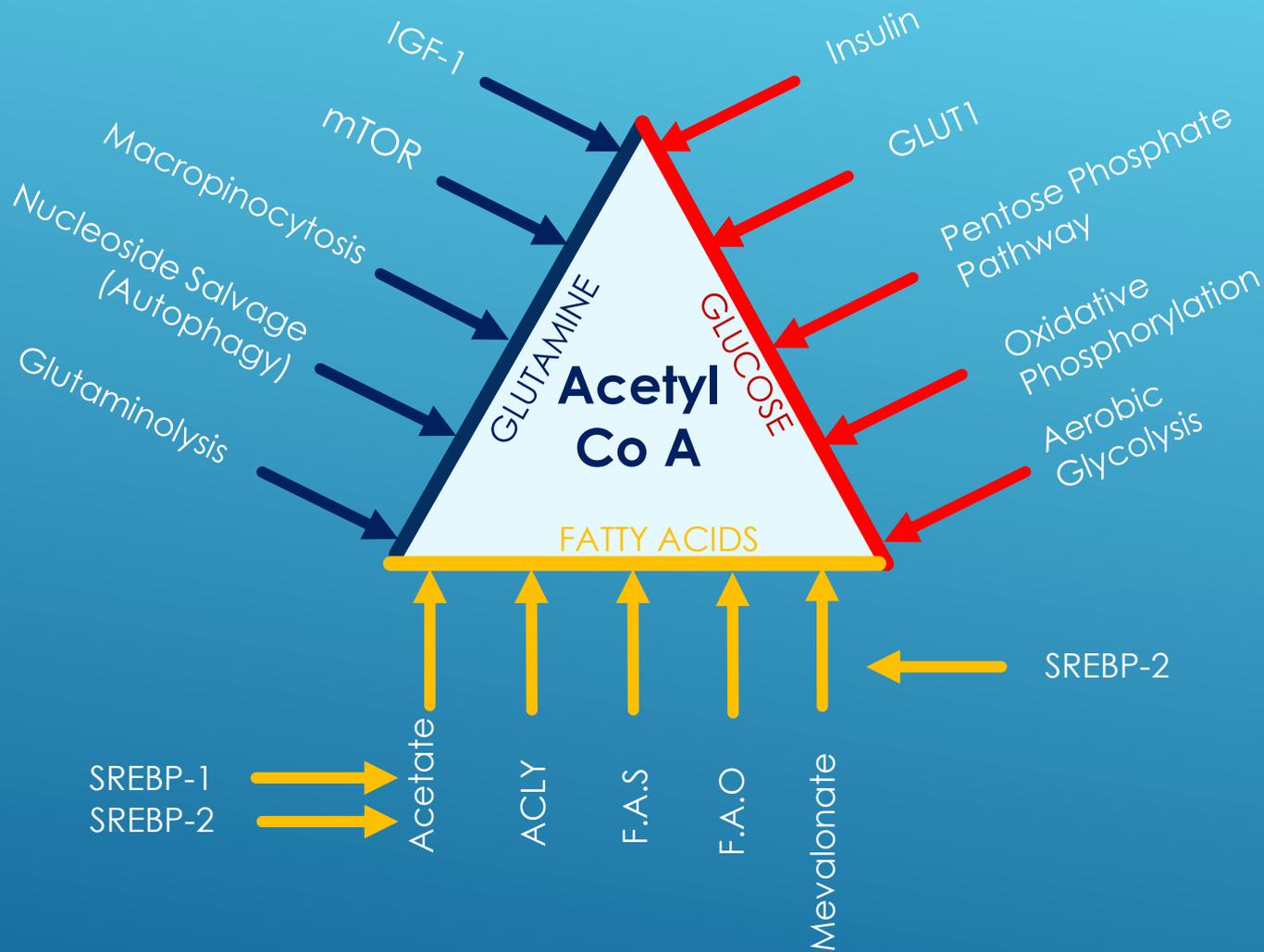


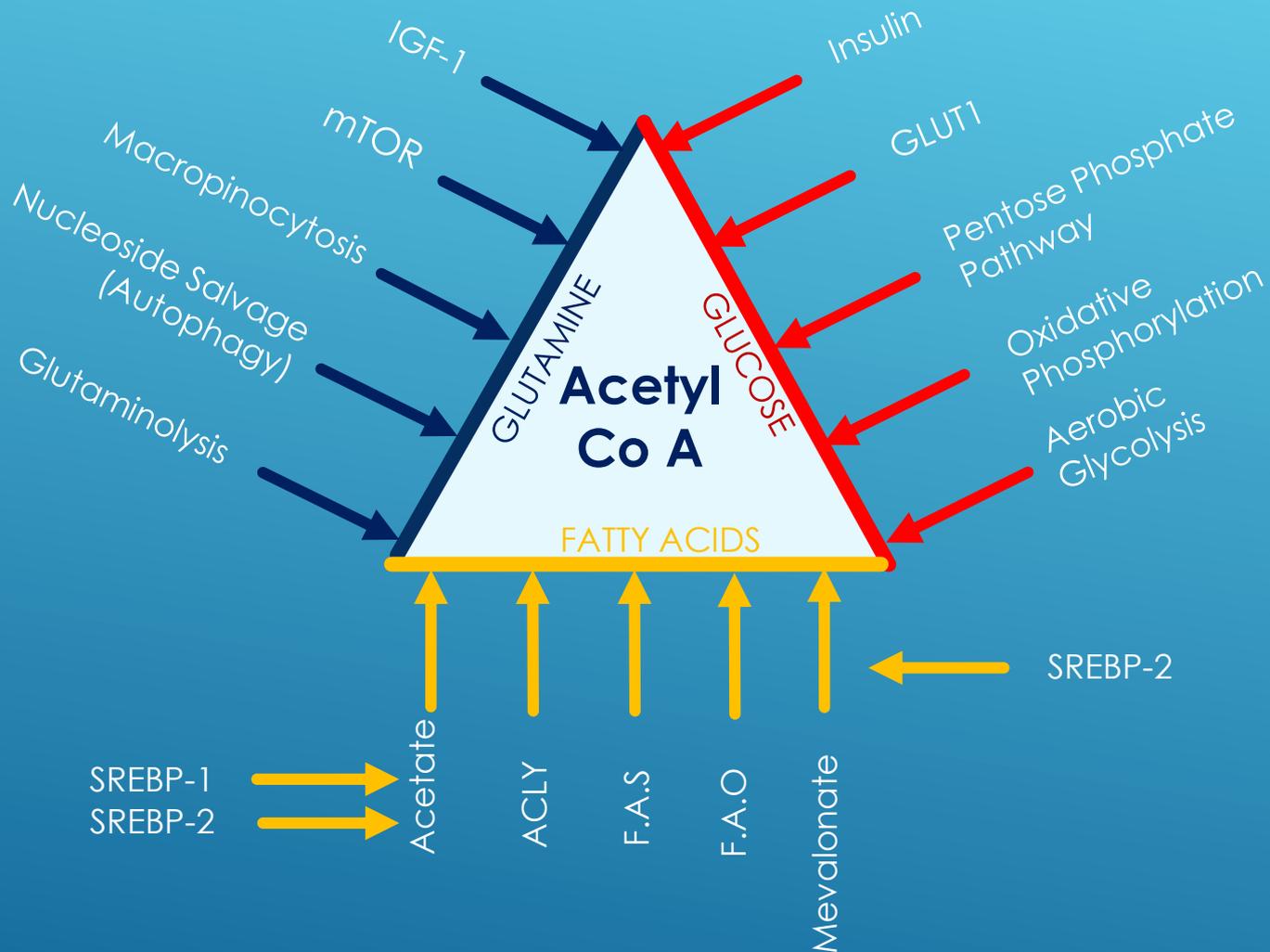




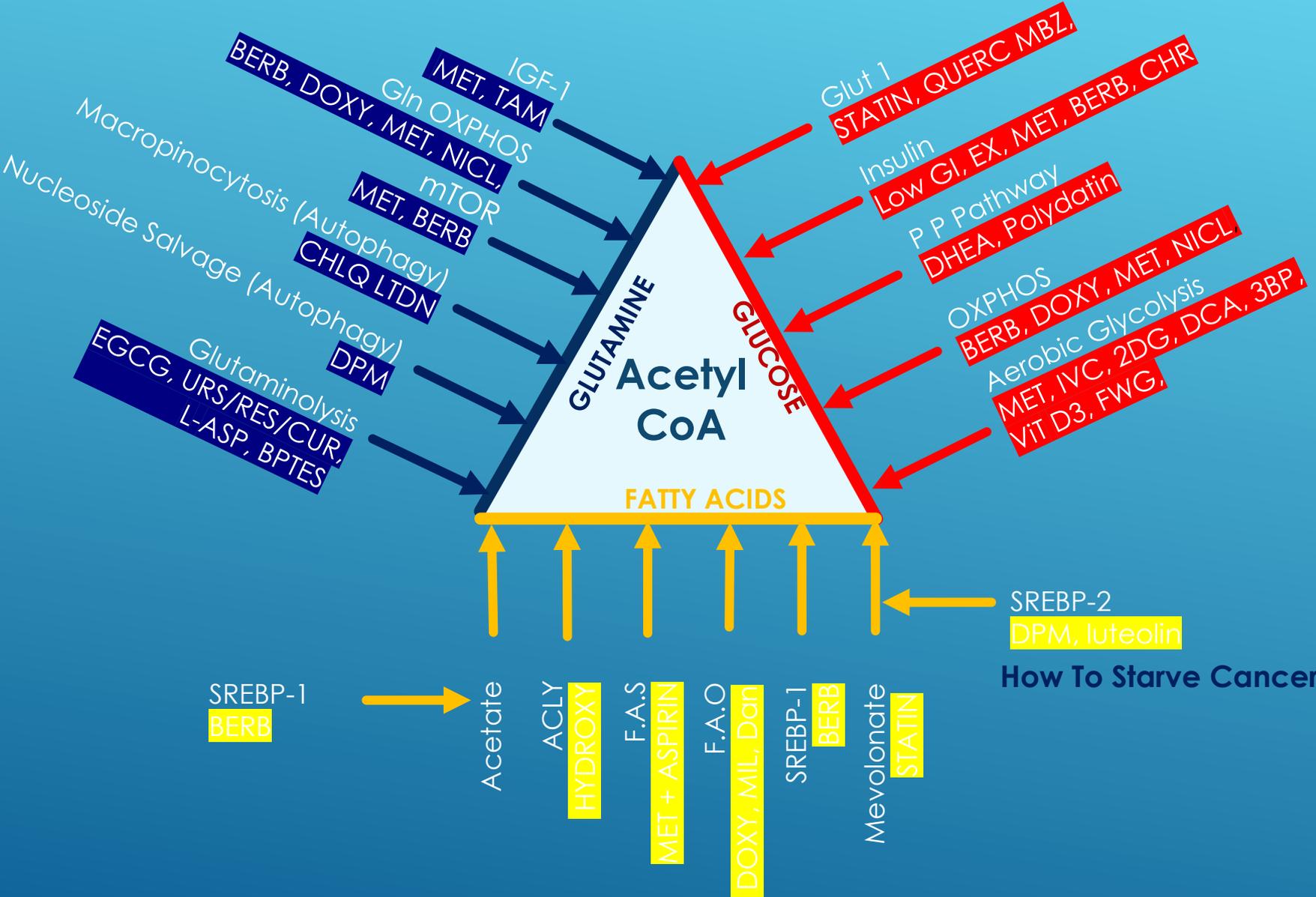
“McLelland Theory”





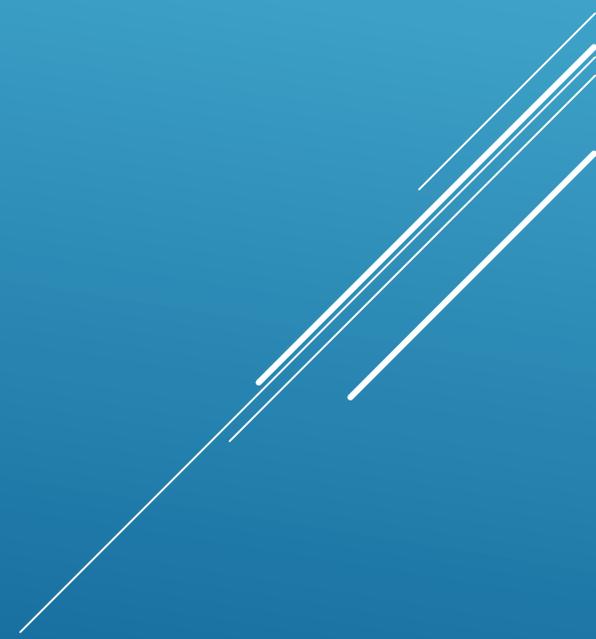


McLelland 'Metro Map'



Glutamine

Lat 1 – sulfasalazine, feverfew



Glucose

MCT transporters – syrosingopine,
Triphala (haritaki)



PRESS (starve)

PULSE (kill)



NORMALISE
CELL SIGNALLING

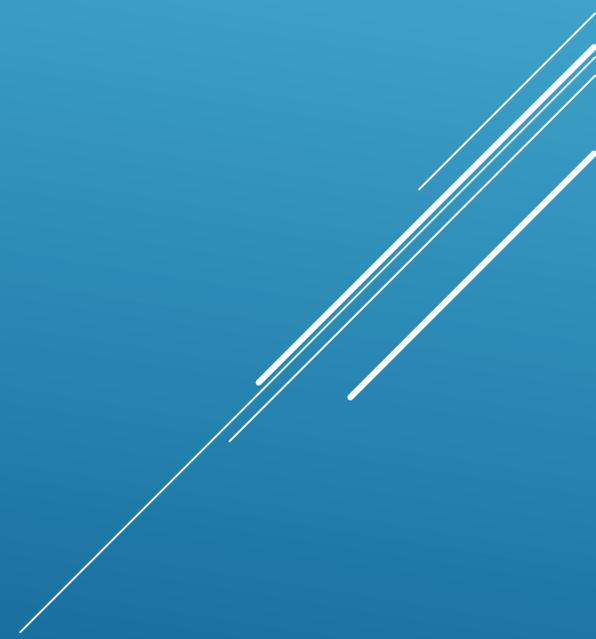
STARVE
CANCER

BLOCK METASTASIS

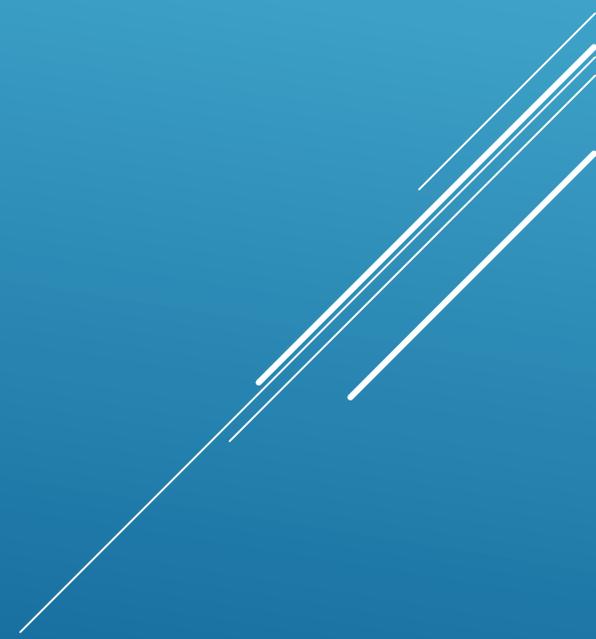
APOPTOSIS



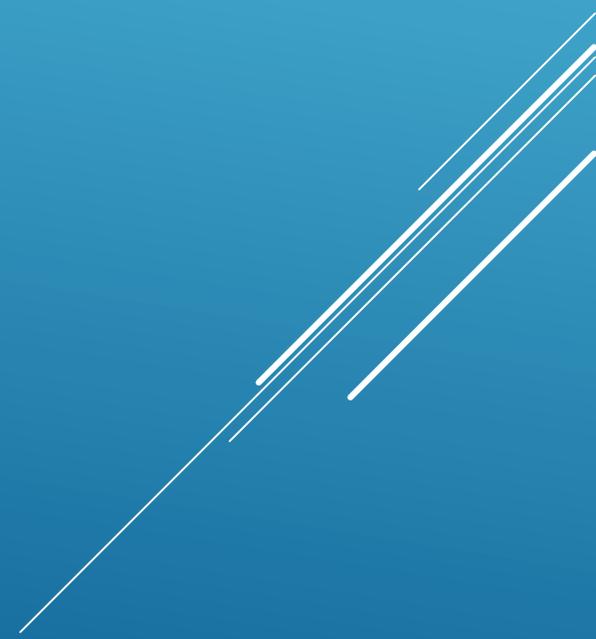
How can we best aim to
cure cancer?



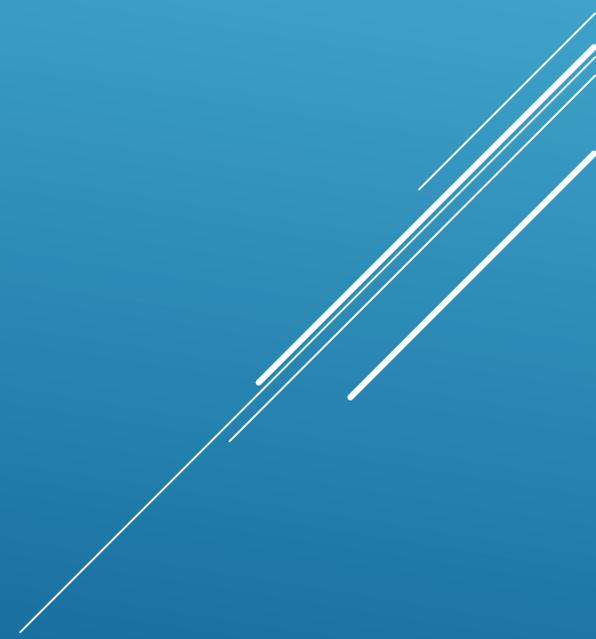
- Genes?
- Immune System?
- Growth Factors?



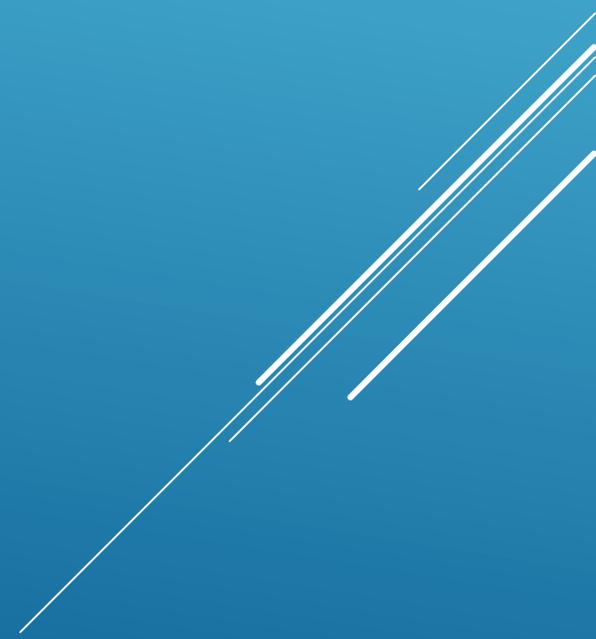
- Genes?
- Immune System?
- Growth Factors?
- Abnormal Cell Signalling?



- Genes?
- Immune System?
- Growth Factors?
- Abnormal Cell Signalling?
- Metabolic Flexibility?



- A cocktail approach paramount

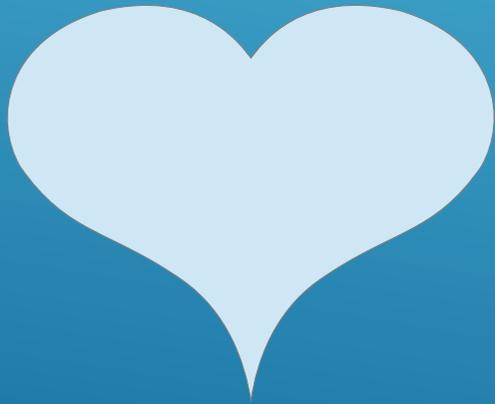


Drug and supplement choices

- Synergy
- Pleiotropic
- Good safety profile

2006

HELLO JAMIE!



2009

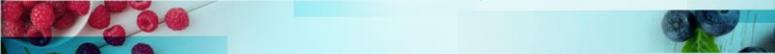
HELLO SAM!





NEVER *EVER* GIVE UP HOPE

One woman's extraordinary true story of survival,
courage and a discovery that could change the lives of millions



HOW TO



STARVE



CANCER



How To Starve Cancer ...without starving yourself

JANE M^CLELLAND
Grad. Dip. Phys

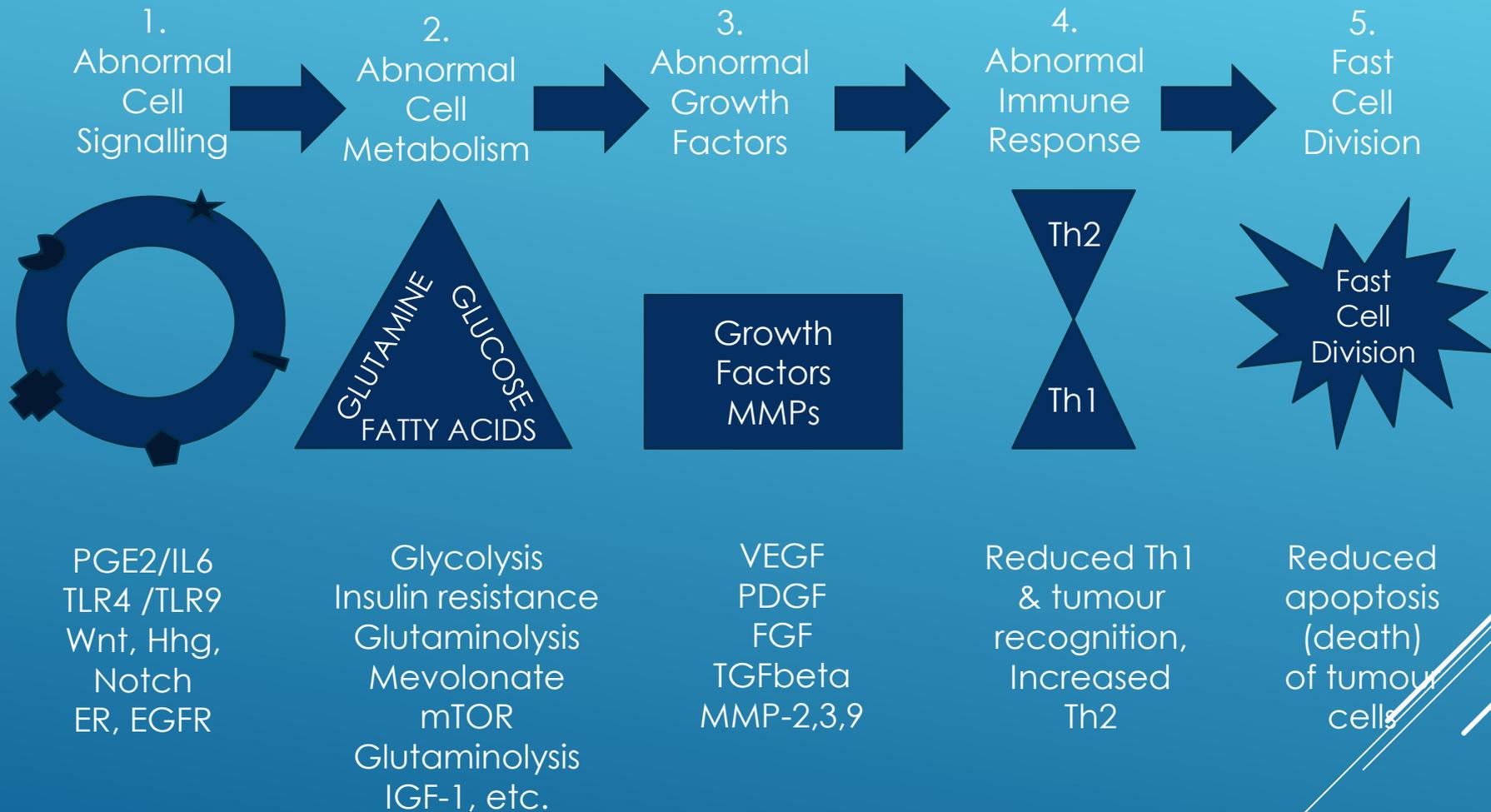
"All patients and their relatives need to read this book."

Professor Justin Stebbing
Professor of Cancer Medicine and Oncology at Imperial College and LOC, Harley St

For information about my
book please visit my website

www.howtostarvecancer.com

Cancer's progression



McLelland 'Metro Map'

