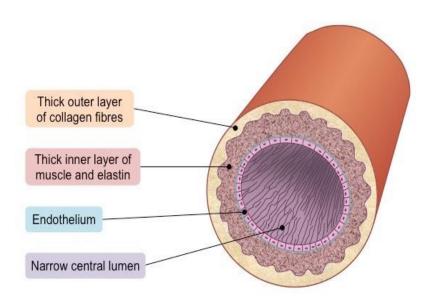
SIGNALING MOLECULE AND A LOCAL VASODILATOR

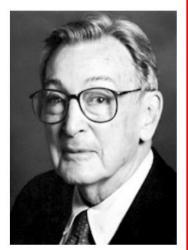




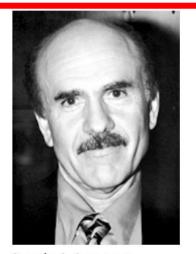
Rodent aortas:

spiral endothelial cut, immerse in saline, and the aorta would constrict.
Without cut did not constrict.

The Nobel Prize in Physiology or Medicine 1998



Robert F. Furchgott
Prize share: 1/3
BIOCHEMIST



Louis J. Ignarro
Prize share: 1/3
PHARM.



Ferid Murad Prize share: 1/3 MD PHARM.

The Nobel Prize in Physiology or Medicine 1998 was awarded jointly to Robert F. Furchgott, Louis J. Ignarro and Ferid Murad "for their discoveries concerning nitric oxide as a signalling molecule in the cardiovascular system".

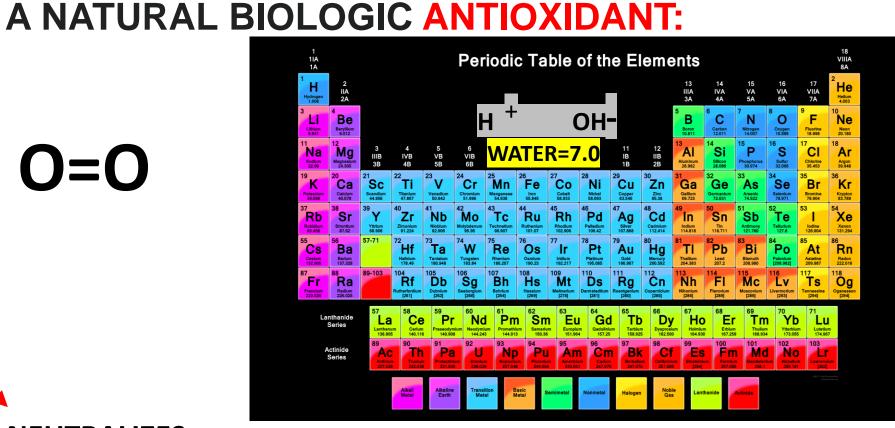
Photos: Copyright © The Nobel Foundation

Endothelium Derived Relaxation Factor 1980s

Nitric Oxide 1987 NITROGLYCERIN RELEASES N=O FOR CORONARY VASODILITATION 1970s



LIBERATEDFROM VASCULAR ENDOTHELIUM,
IT IS A LOCAL VASODILATOR
AND IS
ANTI INFLAMATORY



HEALTH IS AT THE TIPPING POINT OF...

REDUCTION.......OXIDATION

ACID pH low......<7.4>.....BASE pH high

sour bitter, soapy feel

WATER=7.0!
HOMEOSTASIS ACHIEVES THIS DYNAMIC BALANCE



nitric oxide

SIGNALING MOLECULE

Hemaglobin and other Proteins work better with NO around

Needed for stem cell Function and growth And development in general

Kills viruses and bacteria
On contact

CARDIOVASCULAR SYSTEM

- -Opening of blood vessels
- -Blood cell health
- -Heart strength
- -Nutrient exchange

RESPIRATORY TRACT

(111)

- -Lung health
- -Metabolism

CELL PROLIFERATION

314

- -Reduced cell death
- -New blood vessel formation

IMMUNOLOGY

- -Inflammation regulation
- -Improved immunity

PERIPHERAL NERVOUS SYSTEM

-Promotion of body's natural "rest state"

CENTRAL NERVOUS SYSTEM

-Pain Management -Blood pressure regulation



NITRIC

OXIDE

GASTROINTESTINAL TRACT

- -Enhanced metabolism
- -Nutrient absorption

SEXUAL HEALTH

-Male Performance -Female Performance Erectile vasodilatation
Of sexual arteries
Requires NO



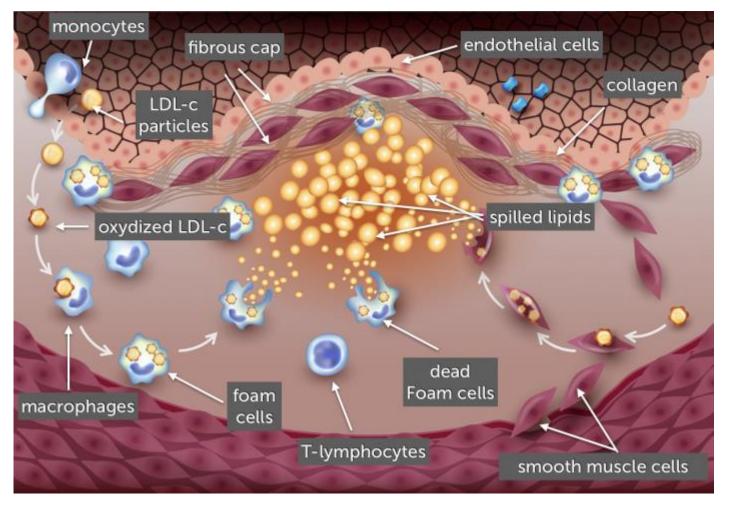
VIAGRA® (sildenafil citrate)

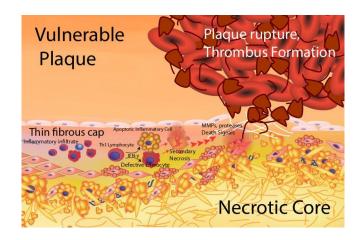


WHOLE PLANT BASED FOODS PREVENT HEART ATTACKS AND STROKES FROM THROMBOSIS (BLOOD CLOTS)



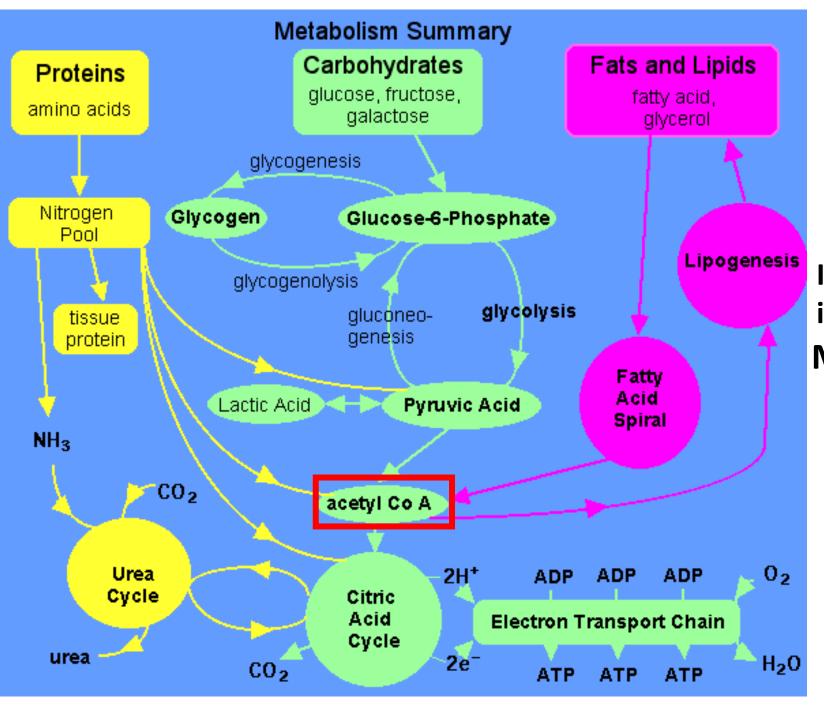
ENDOTHELIAL DYSFUNTION: SMOKING, EXCESSIVE SUGARS (especially fructose), OILS AND SALT.

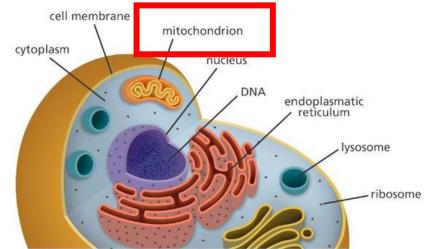




FOAM CELLS MANUFACTURE
METALOPROTEINASES
THAT DIGEST THE CELL MEMBRANE
AND RUPTURE THE PLAQUE.

PLATLETS ACCUMULATE CAUSING CORONARY OR CEREBRAL THROMOSIS (HEART ATTACK OR STROKE)



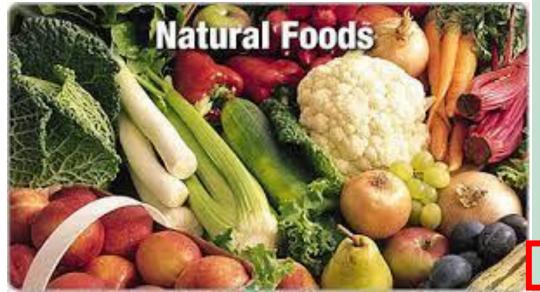


Intermediary metabolism occurs in our mitochondria.

METABOLISM:BUILD IT UP AND KNOCK IT DOWN

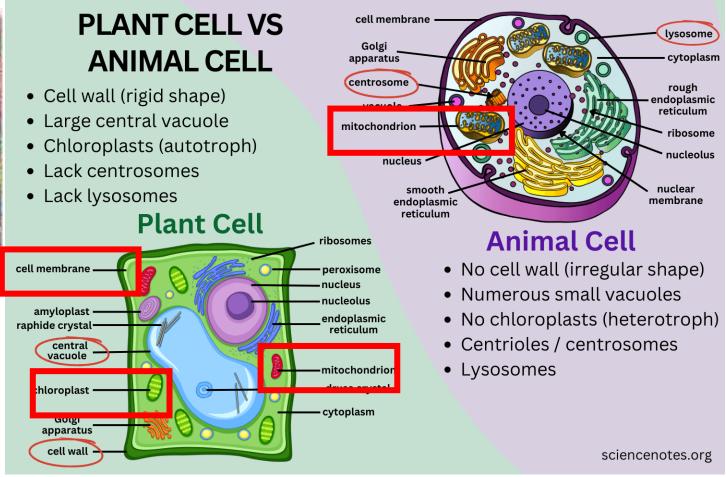
FUEL SHORTAGES: USE FAT, GLYCOGEN, PROTEIN STORES

FUEL EXCESS: HIGH BLOOD SUGAR,
HIGH INSULIN TO STORE,
FATTY LIVER, OXIDATIVE STRESS,
LOW ATP ENERGY,
METABOLIC SYNDROME...



Whole plant and animal cells with natural concentrations of sugars and fats and salt and minerals.

EAT ONLY THESE WHOLE CELLS
(NO UPFs!)
AND METABOLIC SYNDROME
DISAPPEARS.



NOTE:

BOTH HAVE MITOCHONDRIA, WHICH BURN FAT TO MAKE ENERGY, ATP,
A MOLECULAR BATTERY THAT PLUGS INTO THE ENZYMATIC MACHINERY
DOING THE WORK OF LIVING