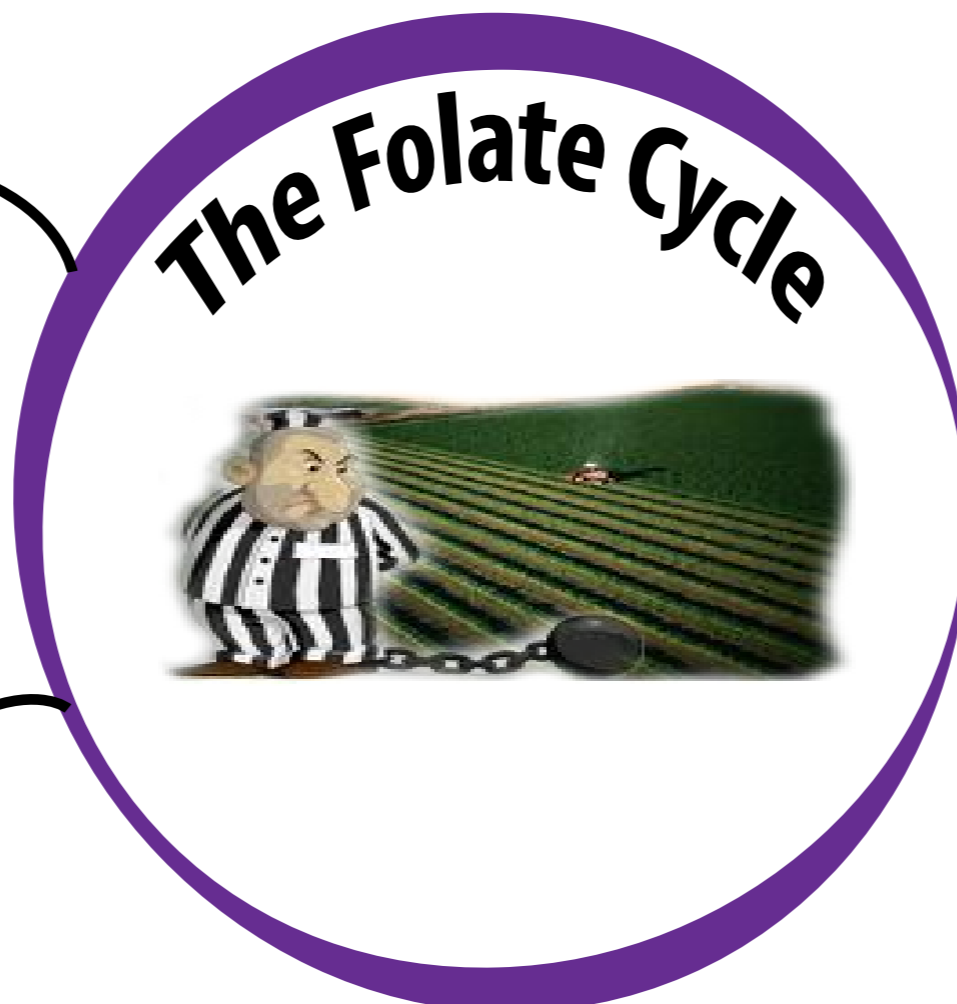


Folate Cycle

Organic Farming



"Stop! Dead End"

SHMT

Converts Folate & Makes Fresh
 "Home grown" DNA & RNA
 Defects shift from HCY = Dead End!
 Fewer work tags
 Poor brain cell regeneration
 More infections
 Poor healing
 Wrinkling/Aging
 More stress
 Gut inflammation

"The Long Way Home"

MTR/MTRR

Converts HCY to Methionine Tags
 MTR uses B-12/ MTRR recycles B-12
 Defects = ↓ B-12 & work tags
 Poor anesthesia response
 Down's Syndrome
 Infertility
 Spina Bifida
 Fatigue
 Cancers
 Anemia

COMT & VDR Taq determine need for work tags

VDR

Vit D Receptor

Taq

Vit D & Dopamine
 Gobbles up B-12
 Osteoporosis
 Multiple Sclerosis
 Neurological disorders
 Seasonal Depression
 Impacts COMT status

Fok

Vit D & Blood Sugar
 Gobbles up B-12
 Osteoporosis
 Hi & Low blood sugars
 Poor digestion
 Pancreatic dysfunction

MTHFR C677

Little Motherflipper
 Converts Folate
 Defects = ↑ HCY
 Higher Cancer Rates
 Strokes & Heart attacks
 Clotting disorders
 Alzheimer's/Dementia

*HCY= Homocysteine, a potentially harmful amino acid used to make work tags thru the MTR/MTRR.
 *Methionine = A critical amino acid & work tag from HCY.

Interacts w/COMT for over/under methylator status