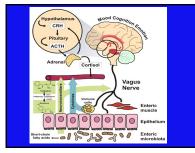
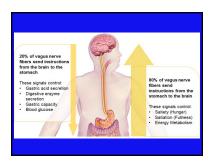
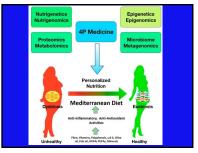


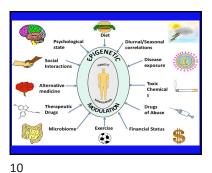
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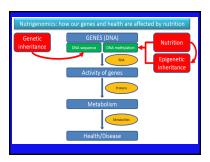


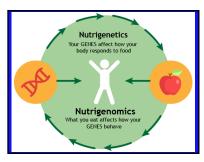




7 8 9









Food Diversity

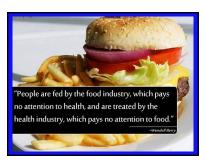
Manmals - 5,500 species

Cows 800+ breeds (22,000 genes) - 2000 varieties of cheese
Sheep 600+ breeds
Pigs 400+ breeds
Fish 25,000 species (25,000-50,000 genes)
Poultry 3,000 varieties (17,000 to 23,000 genes)
Apple 7,500 varieties (77,000 to 23,000 genes)
Tomato 7,500 varieties (30,000 genes)
Maize/Corn 20,000 varieties (32,500 genes)
Rice 40,000 varieties (32,000 to 56,000 genes)
Potatoes 5,000 varieties (40,000 genes)
Beans 40,000 varieties (40,000 genes)
Wheat 10,000+ varieties (40,000 genes)



13 14 15





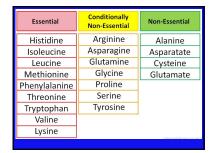
How Does Food Affect Our Brain?

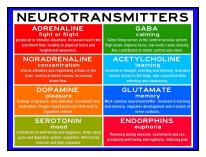
The foods you eat can effect the chemical composition of your brain because the nutrients in foods are precursors to neurotransmitters.

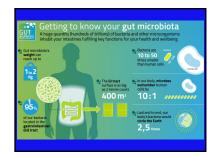
Neurotransmitters are chemical messengers that tell our body what to do and how to feel.

Dopamine
Serotonin
Endorphins
Choline (precursor to acetylcholine)

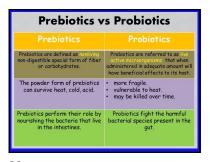
16 17 18

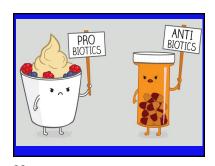


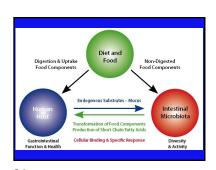




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22 23 24

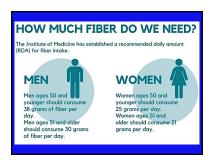






25 26 27













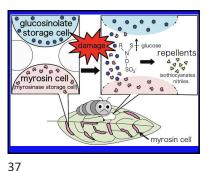
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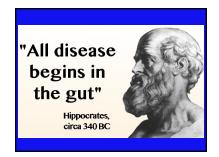






34 35 36









The human brain has 100 billion neurons, each neuron connected to 10 thousand other neurons. Sitting on your shoulders is the most complicated object in the known universe.

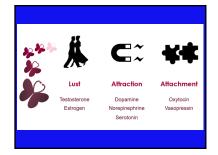
- Michio Kaku



40 41 42





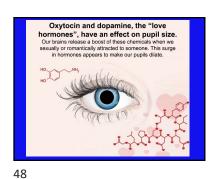


43 44 45



Oxytocin-the "Love Hormone"

1. Increases generosity, empathy & trust
2. Reduces fear, stress, depression,
& physical pain
3. Lowers blood pressure
4. Improves sleep
5. Helps us bond with others
6. May even decrease our tolerance
for addictive drugs



47

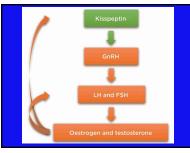


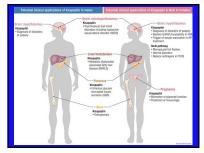




49 50 51



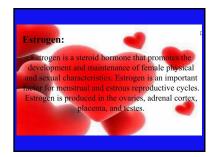




52 53 54







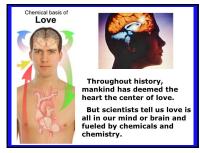
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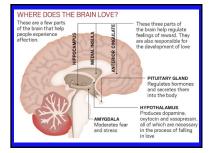




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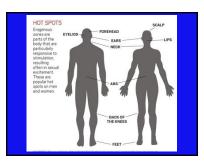


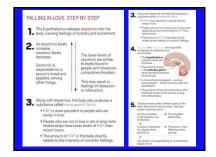


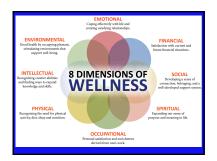


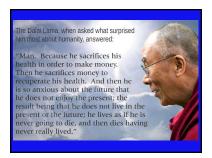
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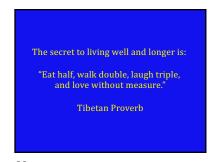












67 68 69