Somatic Theology

The Biology of Holiness

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PSALM 19 & 139



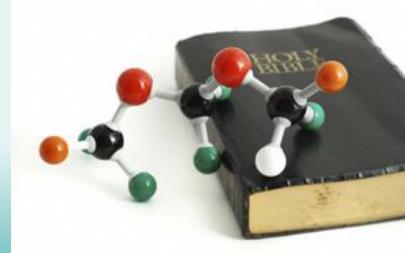
"The heavens declare the glory of God and the firmament shows His handiwork.

Day unto day utters speech, and night unto night reveals knowledge.

There is no speech nor language where their voice is not heard." Psalm 19:1-3

Revelation of God...Psalm 19

- 1. General Revelation CREATION (1-6)
- 2. Special Revelation WORD OF GOD (7-11)
- 3. Personal Revelation HEART (12-14)



His Word...

"The Law of the Lord is perfect, converting the soul..." v.7

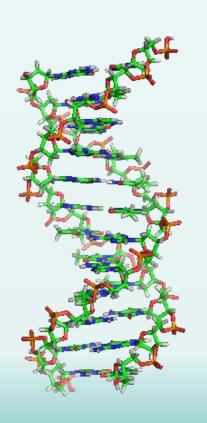
Your heart...

"Who can understand his errors, cleanse from presumptuous sins..." v.12

"Let the words of my mouth, the meditation of my heart, be acceptable in Your sight, O Lord, my strength and my redeemer" v.14

Early life stress changes the way our genes function –

Psalm 139, "fearfully, wonderfully made"

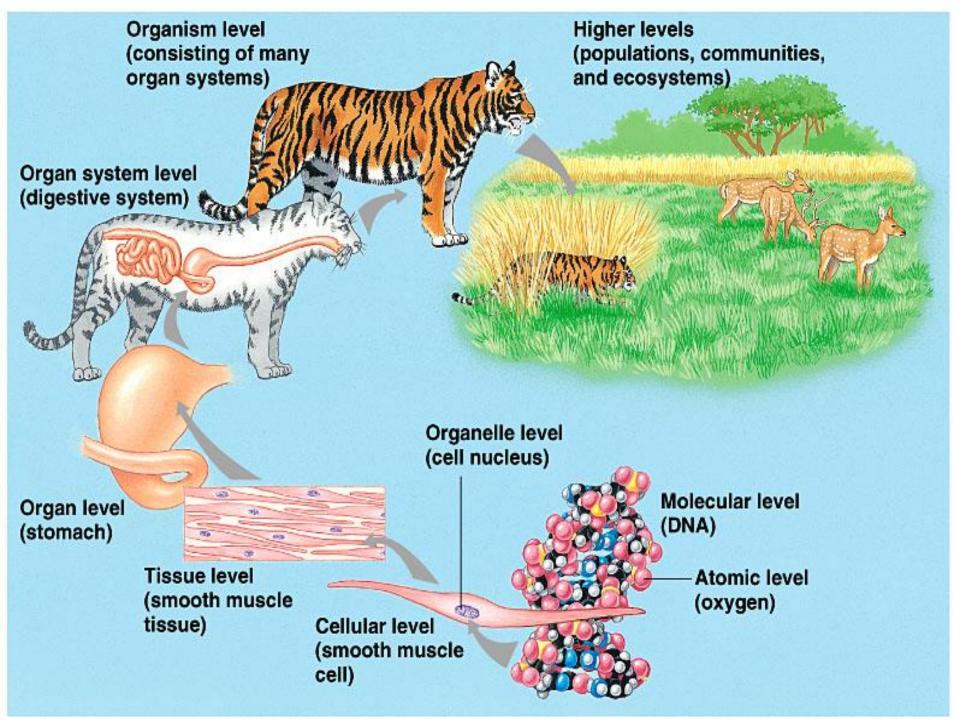




SOMATIC THEOLOGY

Somatic - of, relating to, or affecting the body

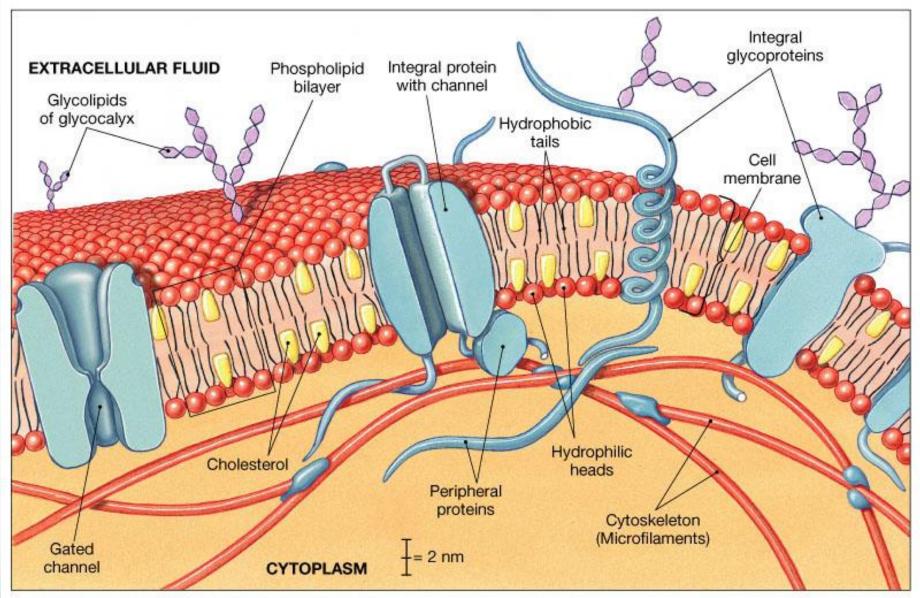
Theology - the study of the nature of God and religious belief



Tissues



Holiness = Cell Membrane



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Holy

Set apart,
Useful to God,
To distinguish, cut, separate, dissect, purify,
DISCERN

Somatic Theology

Olfaction and the 'Aroma of Rest' Adrenaline Addiction Clean and Unclean Leaven Blood and Nephesh Leprosy Gene Editing **Epigenetics** Cannabis, Opioids, CAR-T Therapy

Leviticus

Handbook of Holiness for a newly redeemed nation written by Moses

Third Book of the Torah

30-day Prescription for Holiness

'And He called'

85% of the book is God speaking

Leviticus 20:26

"And you shall be holy to Me, for I the Lord am holy, and have separated you from the peoples, that you should be Mine."

Burnt Offering – United to Christ

Leviticus 1:9

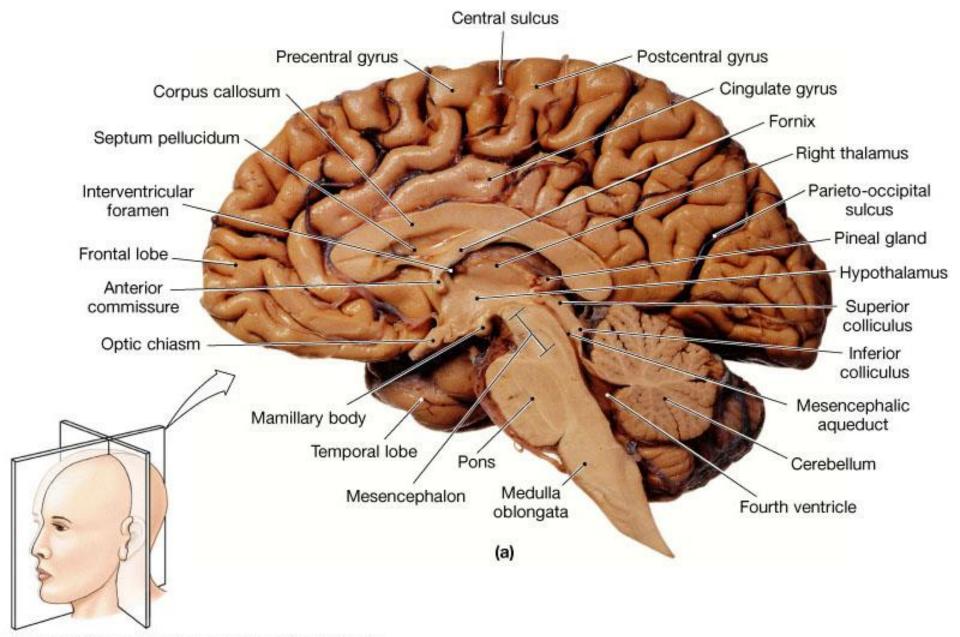
"...And the priest shall burn all on the altar as a burnt sacrifice, an offering made by fire, a sweet aroma to the Lord."

Holocaust

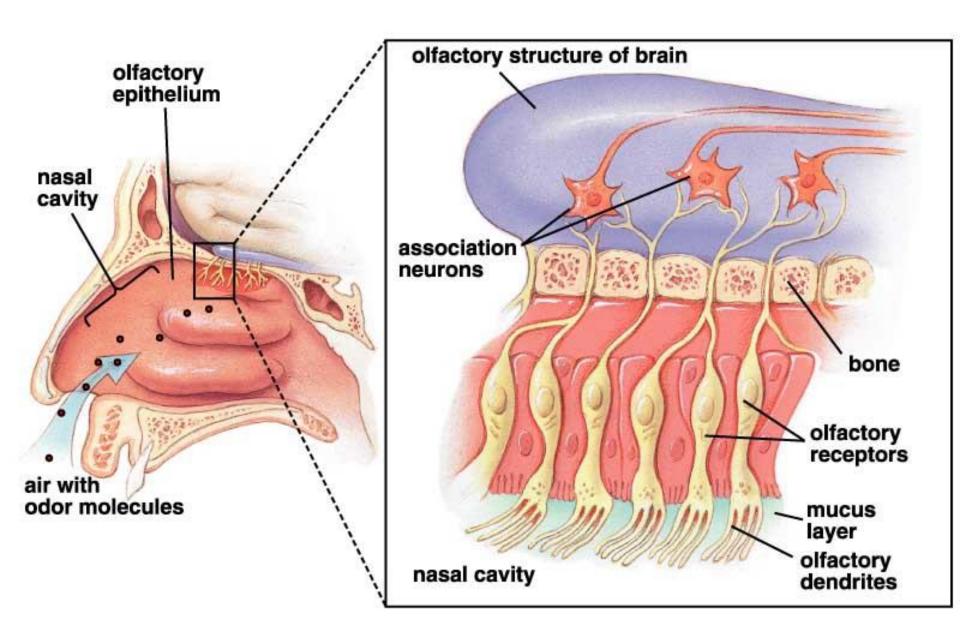
'Ola' - 'What Ascends' - Savor of Rest

Olfactory Lobe and the Amygdala

Emotional Memory



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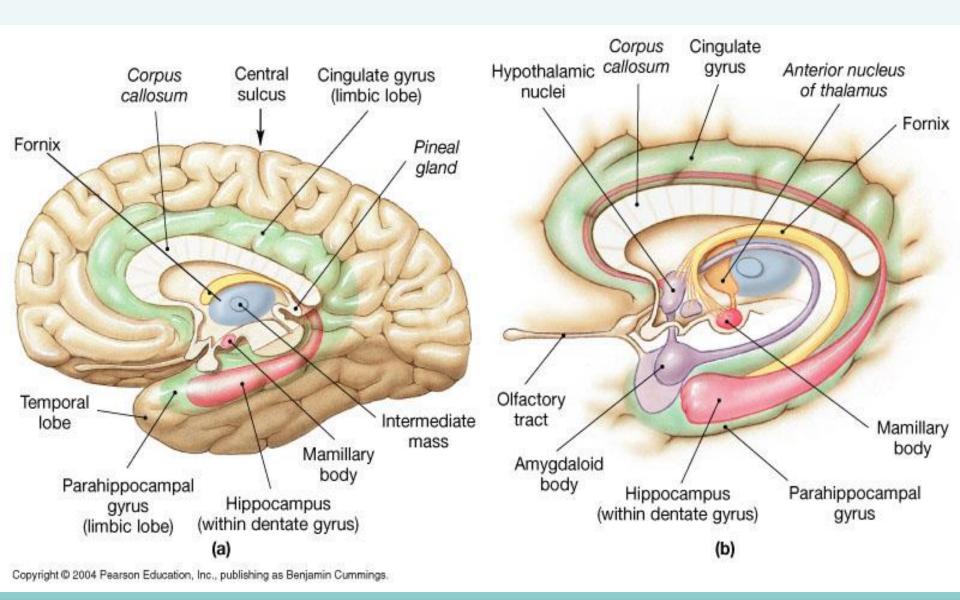


AROMA OF LIFE...

"For we are to God the fragrance of Christ among those who are being saved and among those who are perishing.

To the one we are the aroma of death *leading* to death, and to the other the aroma of life *leading* to life. And who *is* sufficient for these things? 2 CORINTHIANS 2:15,16

Olfaction and Amygdala



Leaven, Honey...Salt

"...for you shall burn no leaven nor any honey in any offering to the Lord made by fire...

And every offering of your grain offering you shall season with salt"

Leviticus 2:11-13

Leaven

'yeast' – 'fastest growth rate of any known microorganism'



LEAVEN OF THE PHARISEES...

"Take heed, beware of the leaven of the Pharisees and the leaven of Herod." Mark 8:11-21

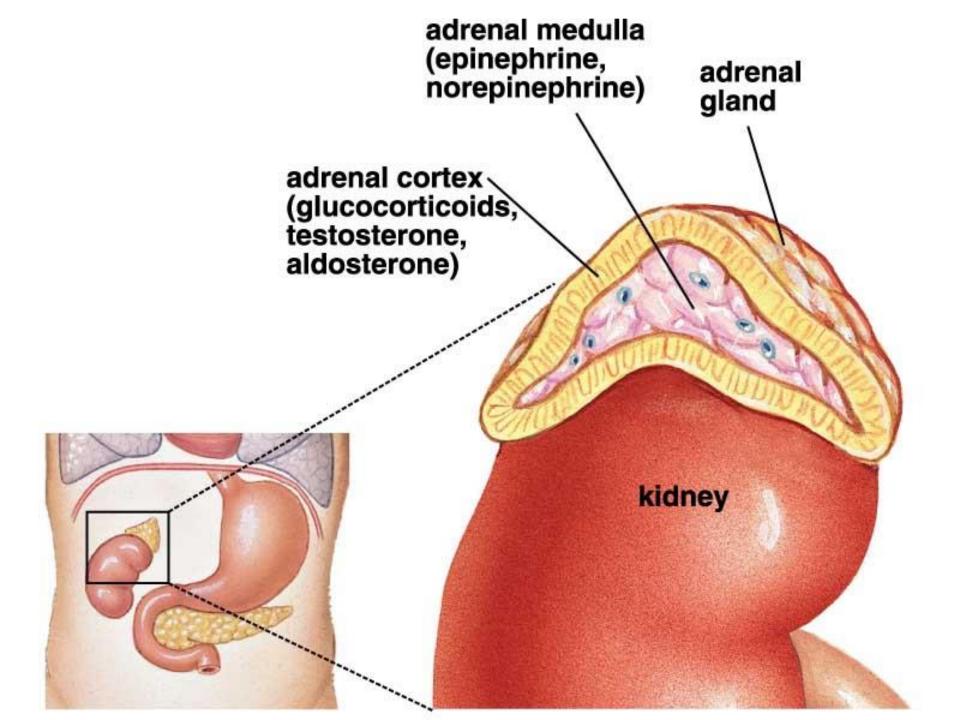
Leaven is Legalism
-limits God (Ps 78:41)
-outward holiness (Heb 10:22)

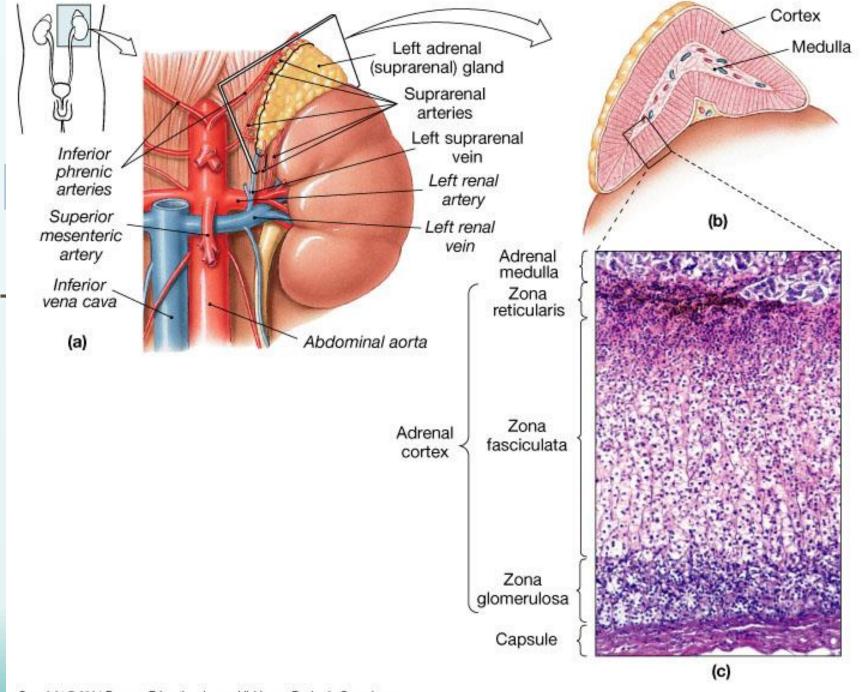
Peace Offering

ENDING ADRENALINE ADDICTION

Leviticus 3:4, 10, 15

"the two kidneys and the fat that is on them by the flanks, and the fatty lobe attached to the liver above the kidneys, he shall remove;"





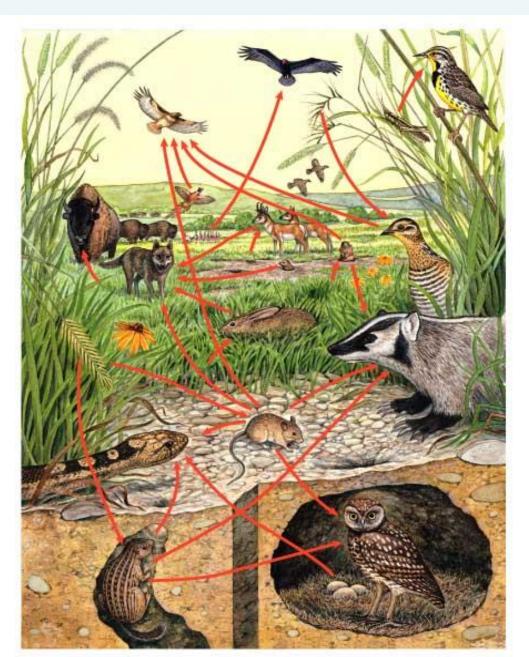
Resistance Phase Long-term metabolic adjustments . Mobilization of remaining Brain energy reserves: Lipids are released by adipose tissue; amino acids are released GH[by skeletal muscle Conservation of glucose: Peripheral tissue (except neural) breaks down lipids Sympathetic GC to obtain energy stimulation Glucagon Elevation of blood glucose concentrations: Liver synthesizes glucose **Pancreas** from other carbohydrates, amino acids, and lipids Kidney MC Conservation of salts and ACTH water, loss of K+ and H+ (with ADH) KEY Adrenal cortex GH = Growth hormone GC = Glucocorticoids Renin ACTH = Adrenocorticotropic hormone MC = Mineralocorticoids Angiotensin (aldosterone) ADH = Antidiuretic hormone

Clean & Unclean

"to distinguish between the unclean and the clean, and between the animal that may be eaten and the animal that may not be eaten."

Leviticus 11:47

Lev 11: Clean vs. Unclean



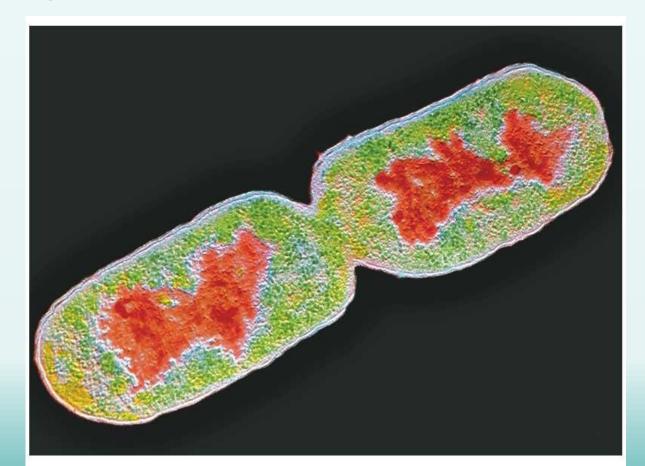
Gut Microbes and Cancer

"microbes in the gut might not be idle bystanders, rather, they may be critical for helping patients respond to new drugs called "immune checkpoint inhibitors" that help immune cells recognize tumor cells and attack them."

Could Your Gut Microbes Hinder Your Cancer Treatment? https://www.rdmag.com/news/2018/07

Biology of Leprosy

LEPROSY – *Mycobacterium leprae*, slowest growing microorganism known to man...



Leprosy...

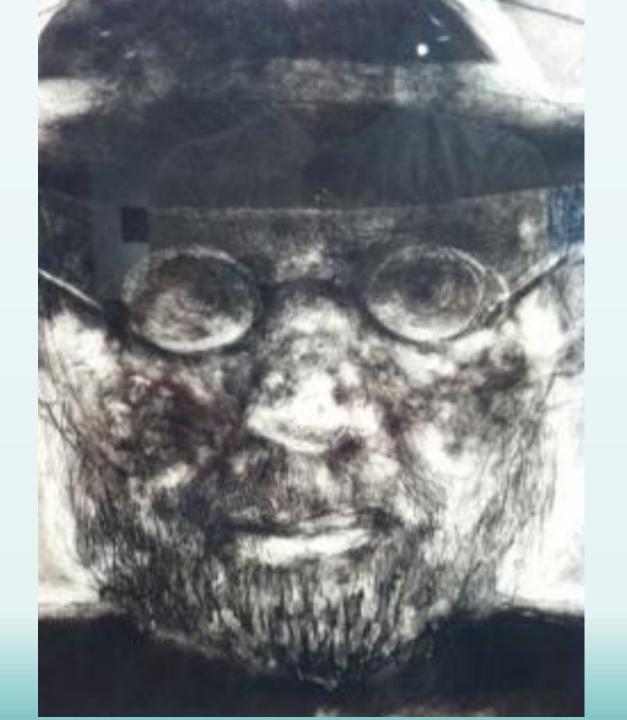
"Now the leper on whom the sore is, his clothes shall be torn and his head bare: and he shall cover his mustache, and cry, 'Unclean! Unclean!...his dwelling shall be outside the camp"

Leviticus 13:44, 45

"Athlete for God"

Father Damien, Molokai, Hawaii





Death from Leprosy or TB?

"Co-infection of Mycobacterium tuberculosis and Mycobacterium leprae in human archaeological samples: a possible explanation for the historical decline of leprosy"

Donoghue et al, *Proc. R. Soc.* **272**, 389-394, 2005

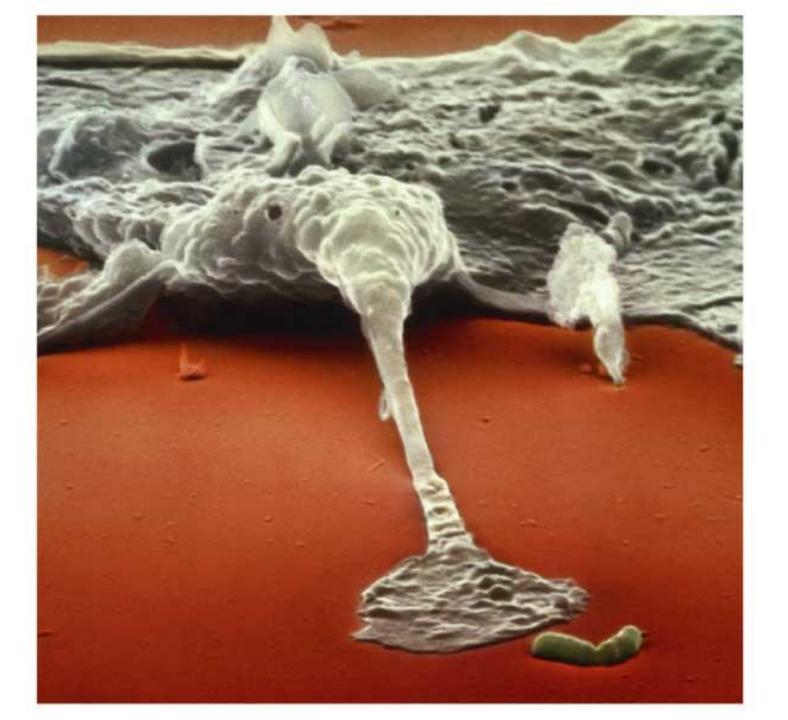
Donoghue et al, 2005

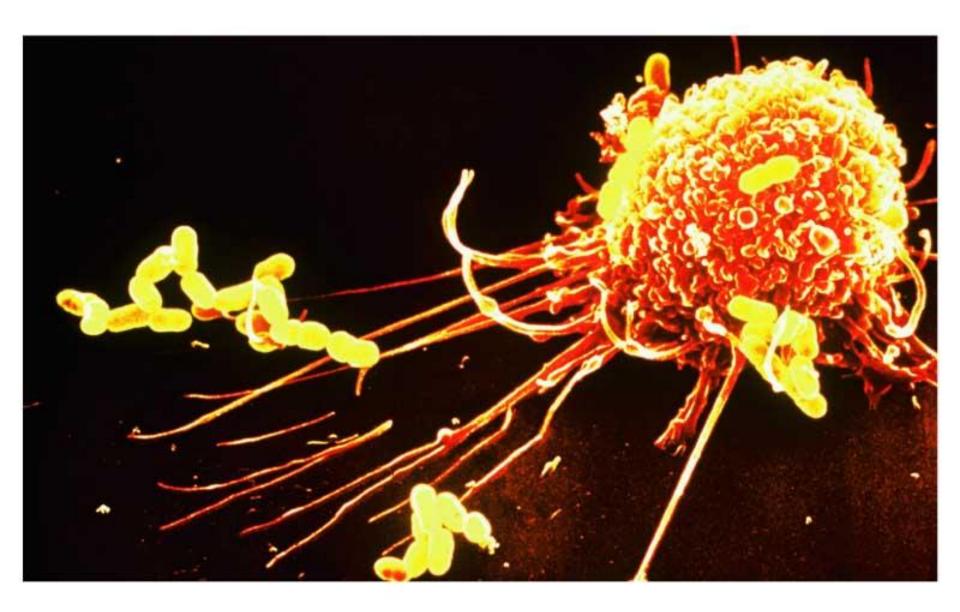
"One of the effects of leprosy, particularly owing to the fear it engendered in antiquity, is that these individuals would become isolated and therefore be more likely to suffer from poor nutrition and a weakening of the immune system, thereby paving the way for opportunistic co-infection or the resurgence of a latent infection."

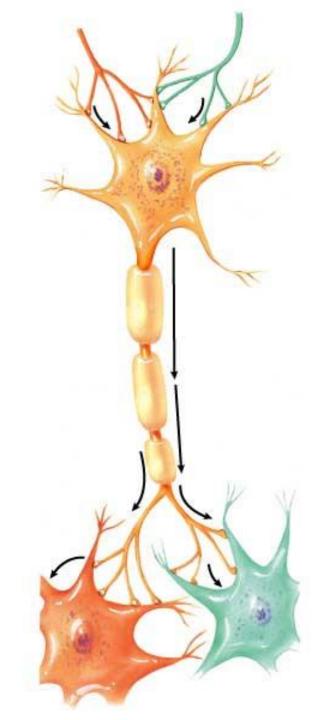
Donoghue et al, 2005

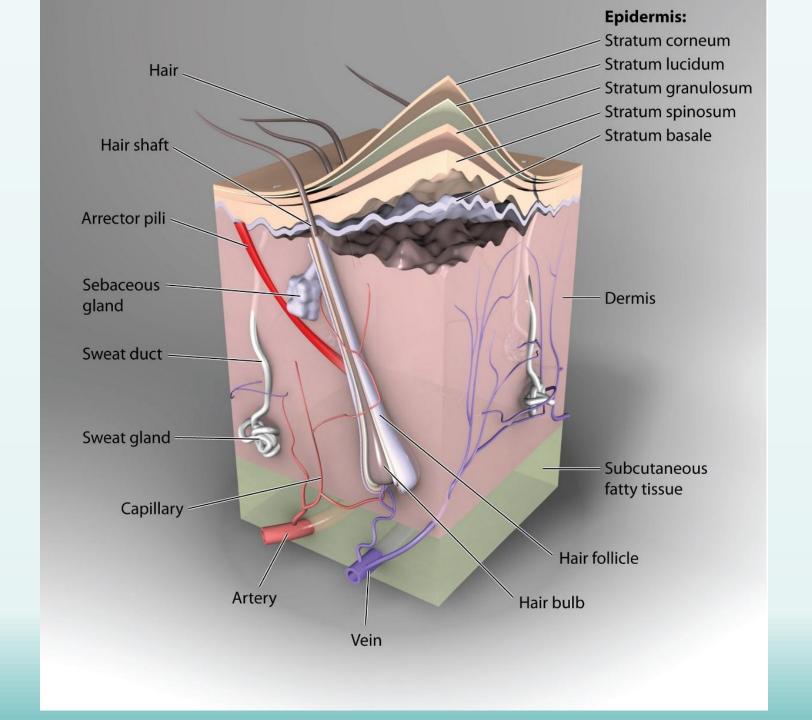
"It should not be forgotten that individuals suffering from leprosy often suffer social isolation and stigma (Bainson & Van den Borne 1998), especially in the past (Cule 2002).

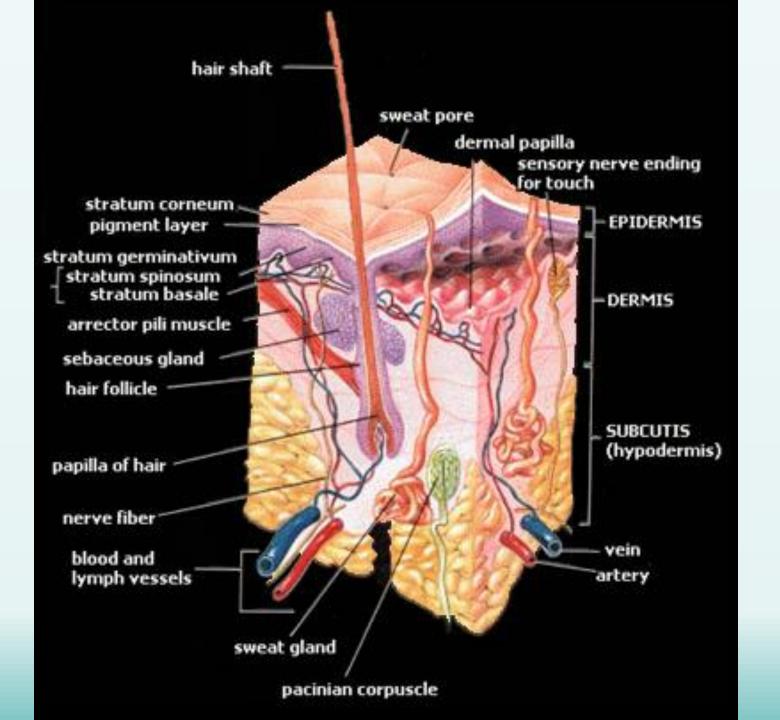
This can lead to physical and mental stress that has an adverse effect on resistance to infectious diseases."





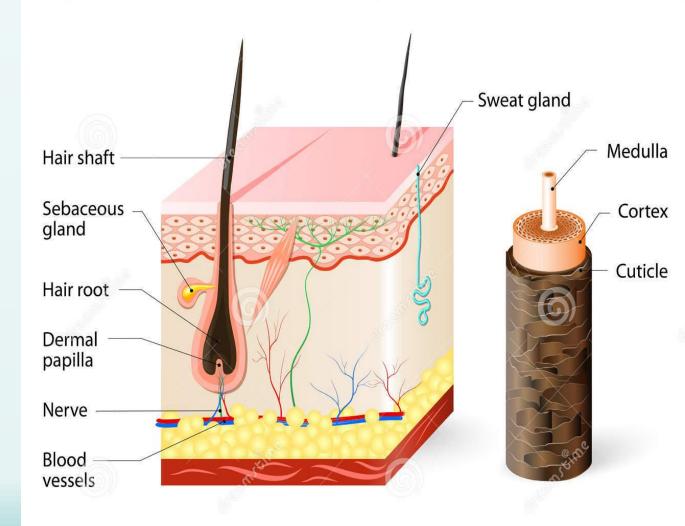






Lev 13:3, ""The priest shall examine the sore on the skin of the body; and if the hair on the sore has turned white, and the sore appears to be deeper than the skin of his body, it *is* a leprous sore. Then the priest shall examine him, and pronounce him unclean.

HAIR ANATOMY

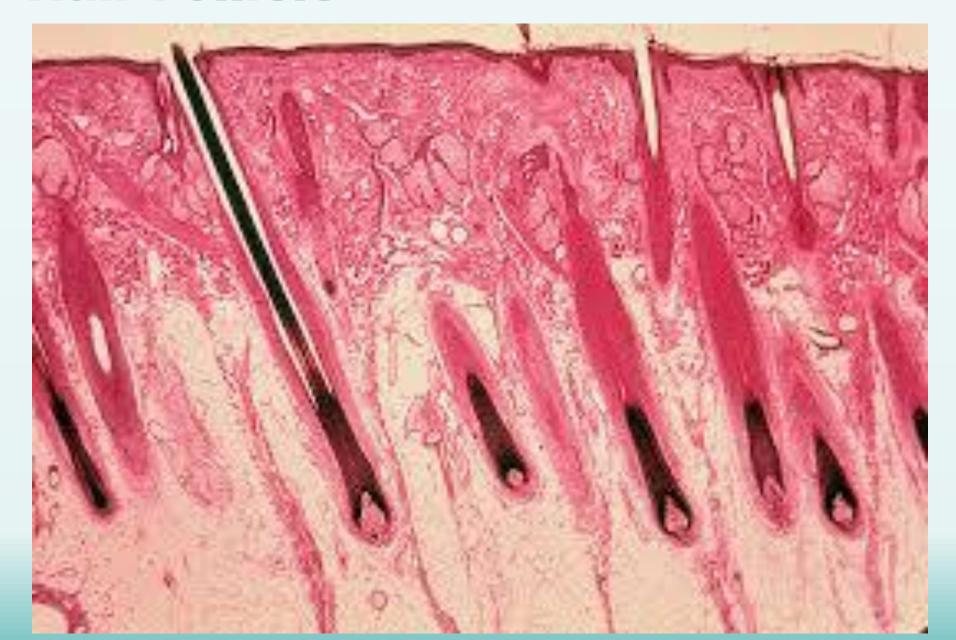




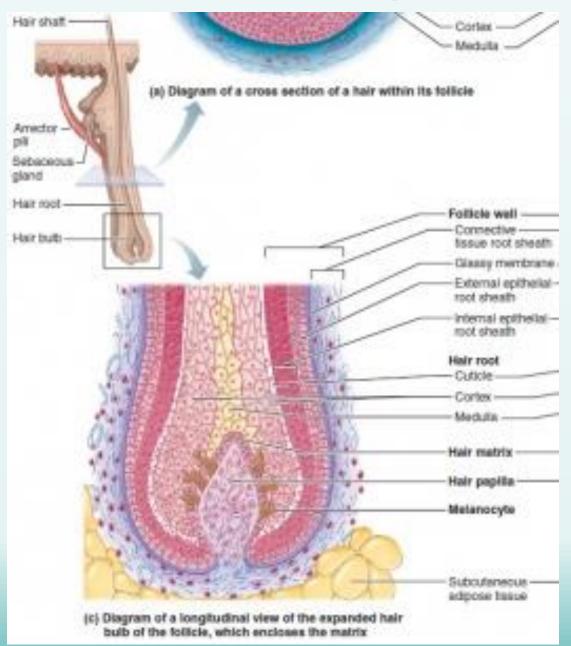




Hair Follicle

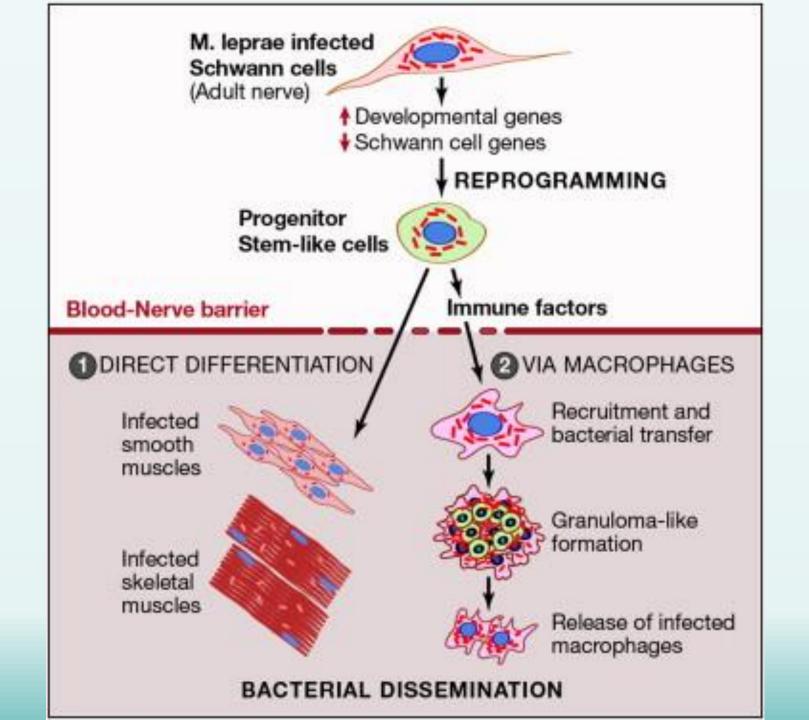


Diagnosis of Leprosy



Masaki et al, *Cell152;* 51-67, 2013

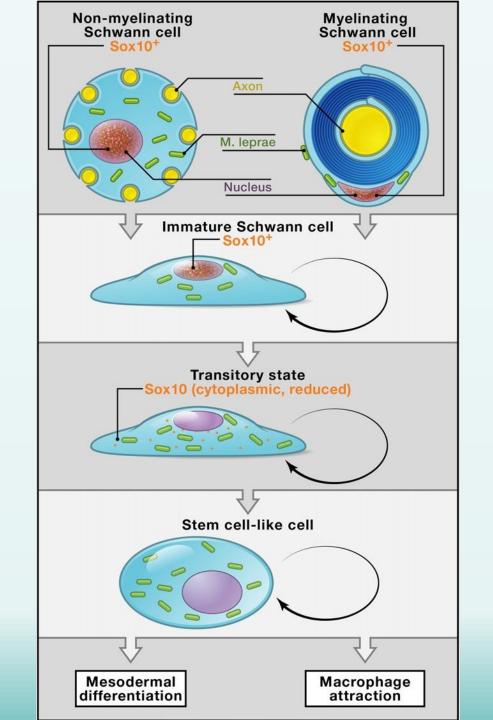
"Reprogramming Adult Schwann Cells to Stem Cell-like Cells by Leprosy Bacilli Promotes Dissemination of Infection."



Mighty Bugs: Leprosy Bacteria Turn Schwann Cells into Stem Cells

"Two aspects make this study (Malaki et al, 200 particularly exciting: first, it shows that a pathogen is capable of exploiting the genomic plasticity of a highly specialized differentiated cell by erasing its identity and reprogramming it. Second, it provides plausible mechanisms for pathogen dissemination during the course of leprosy."

M Wagner, Cell 152, January 17, 2013



M. Leprae - stem cell generation...

Does the bacterium target the loss of Sox10, the single most important factor for reprogramming Schwann cell's identity?

Regeneration?

Regeneration

"two living and clean birds, cedar wood, scarlet and hyssop...."

"And the priest shall command that one of the birds be killed in an earthen vessel over running water."

Leviticus 14:4,5

Justification

"And he shall sprinkle it seven times on him who is to be cleansed from the leprosy, and shall *pronounce* him clean, and shall let the living bird loose in the open field."

Leviticus 14:7

Sanctification

"He who is to be cleansed shall wash his clothes, shave off all his hair, and wash himself in water, that he may be clean. After that he shall come into the camp, and shall stay outside his tent seven days."

Leviticus 14:8

Contemporary Science on Lev 14

"Contemporary building consultants may see some logic in all this, but I'll never be convinced that killing a bird "in an earthen vessel over running water" (the details of the methodshaking or drowning?- are not specified) approach to certifying that a home is purified."

"Carpet Monsters and Killer Spores", NP Money, 2004

Microbiology

"And when he who has a discharge is cleansed of his discharge, then he shall count for himself seven days for his cleansing, wash his clothes, and bathe his body in running water, then he shall be clean." Leviticus 15:13

Neisseria gonorrhoeae

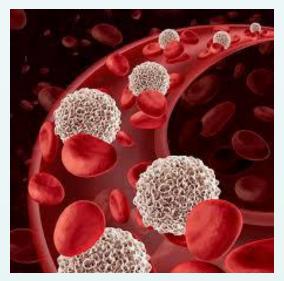


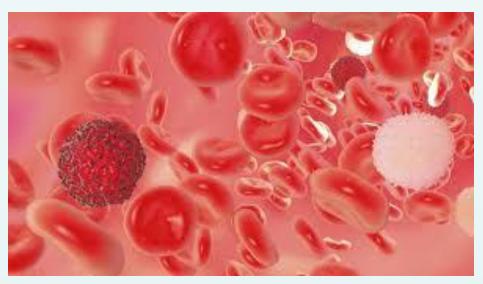
Blood and Nephesh

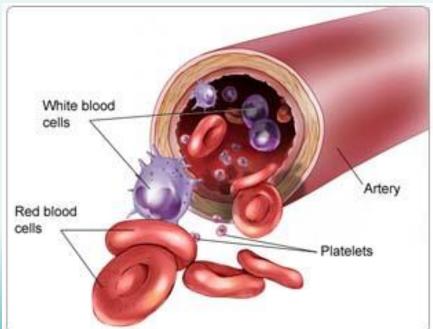
"For the **life** of the flesh *is* in the blood, and I have given it to you upon the altar to make atonement for your **souls**; for it *is* the blood *that* makes atonement for the **soul**."

Lev 17:11

Blood - 'life of the flesh'







Love and the Law

"You shall not take vengeance, nor bear any grudge against the children of your people, but you shall love your neighbor as yourself:

I am the LORD."

Lev 19:18

For all the law is fulfilled in one word, even in this: "You shall love your neighbor as yourself." Gal 5:14

Playing God ...

Mail-Order CRISPR Kits Allow Absolutely Anyone to Hack DNA

Experts debate what amateur scientists could accomplish with the powerful DNA editing tool—and whether its ready availability is cause for concern

https://www.scientificamerican.com/2018

Challenges with Medical Marijuana

Evidence to support the medical benefits of smoking marijuana for the treatment of pain has become a challenge for many Christians. Due to the health problems, the psychoactive chemicals in marijuana and the peace we experience in Jesus Christ, can be affected by the altered state of mind produced by marijuana.

(calvarychapel.com)

"Sanctification and Epigenetics"

"Now may the God of peace Himself sanctify you completely; and may your whole spirit, soul, and body be preserved blameless at the coming of our Lord Jesus Christ."

1 Thess 5:23

Love and the Law

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