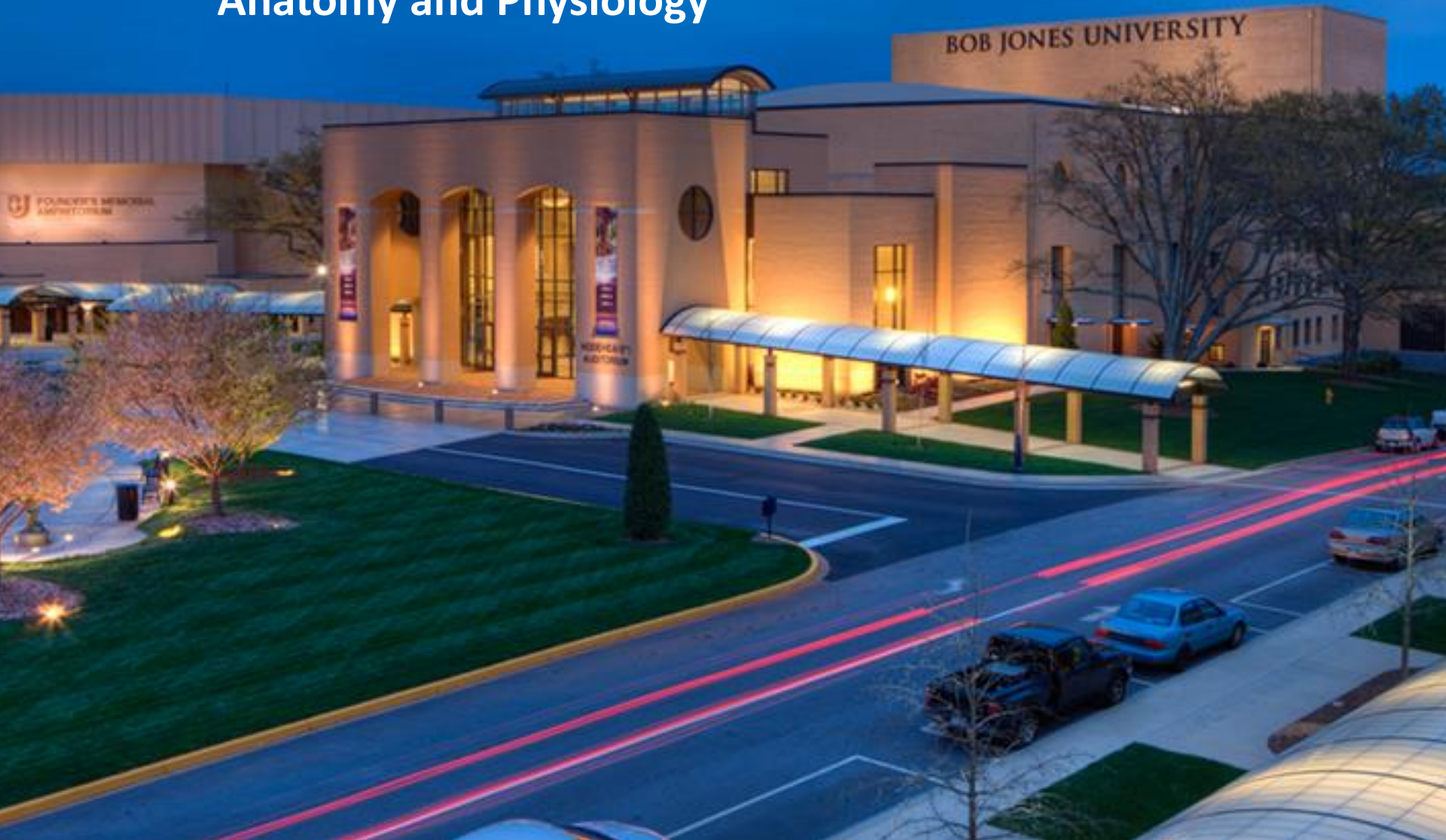


Creation
VS.
Evolution

Marc A. Chetta, M.D.
Associate Professor of Biology
Bob Jones University, Greenville, SC
Anatomy and Physiology



Matt



PORNOGRAPHY

FAMILY
BREAK-UP

GAY
MARRIAGE

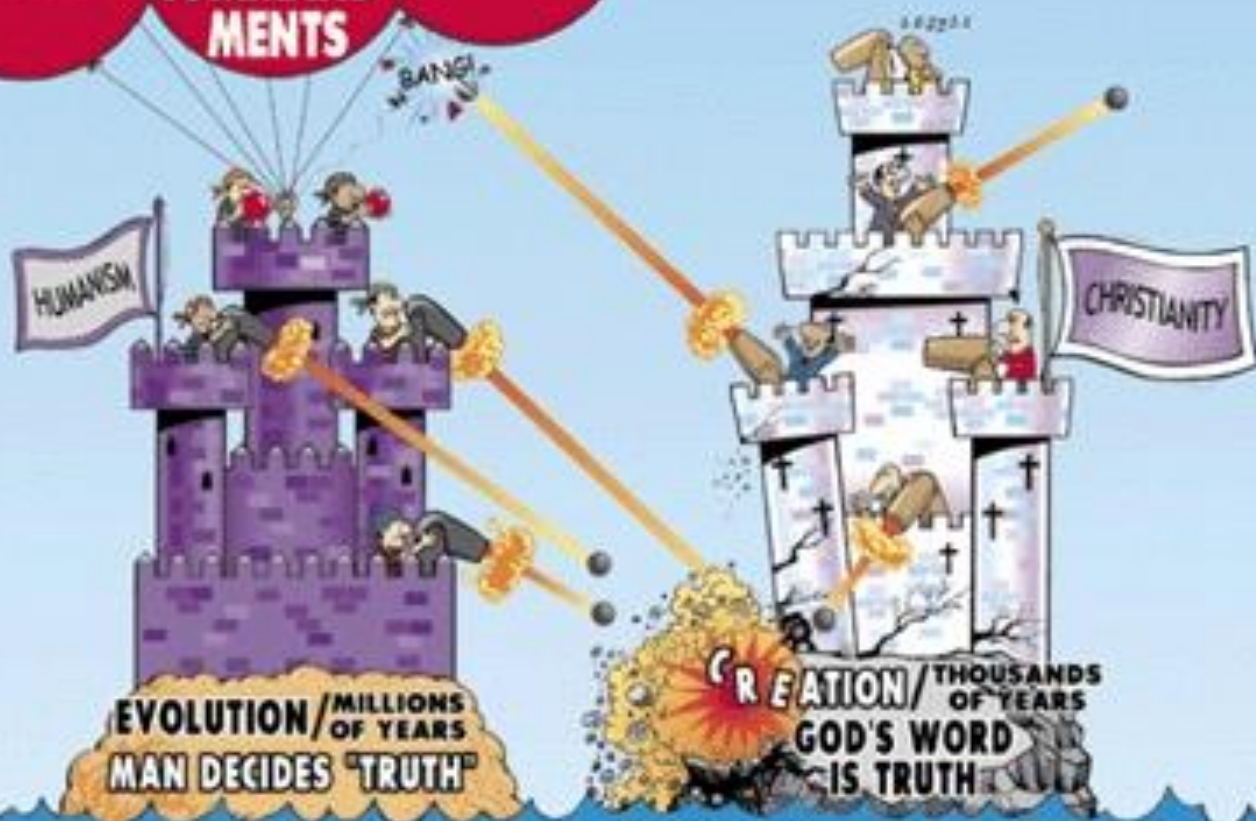
ABORTION

REMOVAL
OF 10
COMMAND-
MENTS

RACISM

the **PROBLEM**

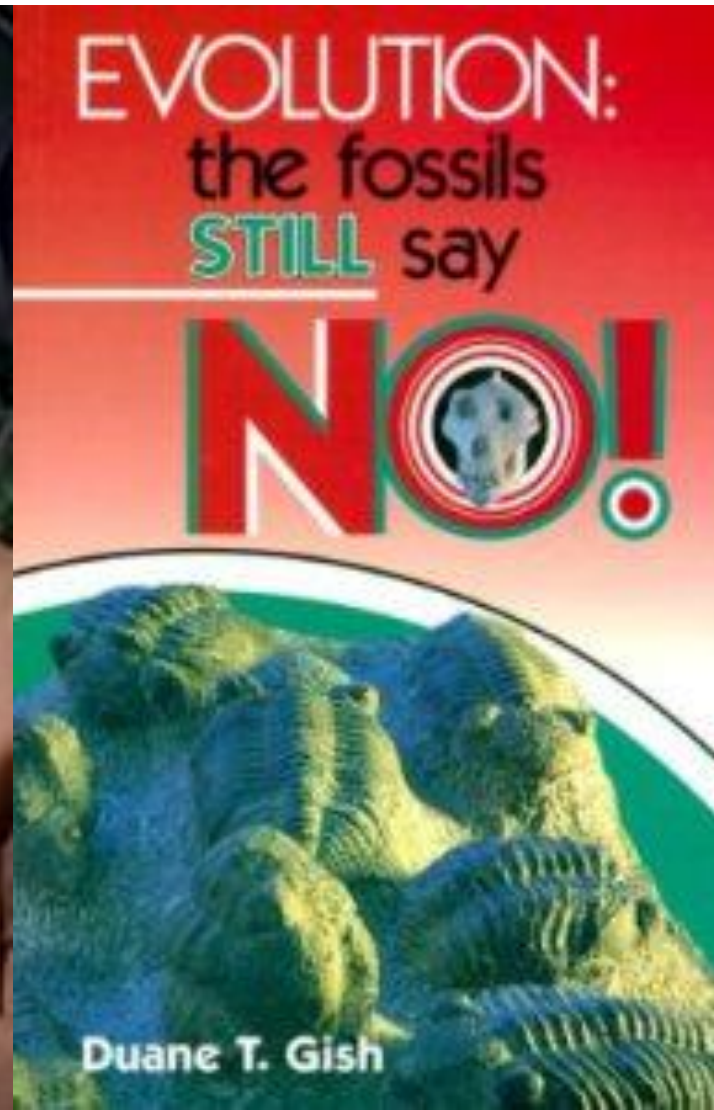
Psalm 11:3



Big Ideas

- Irreducible Complexity
- Materialistic Reductionism
- Emergent Properties
- Structure Enables Function
- Dinosaurs
- Human Genome: common design or common descent?
- Astonishing Signaling: cell differentiation and migration

Duane Gish, PhD



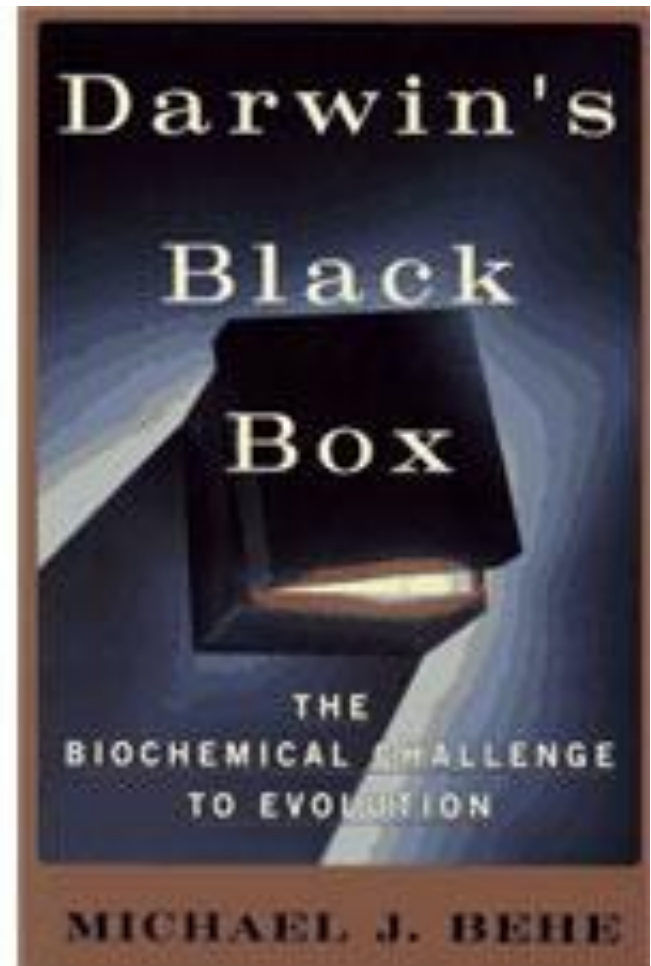
Gish's Paradox

Frog $\xrightarrow{\text{Princess' Kiss}}$ Prince = Fairy Tale

Frog $\xrightarrow[\text{Chance}]{\text{Time}}$ Prince = "Science"

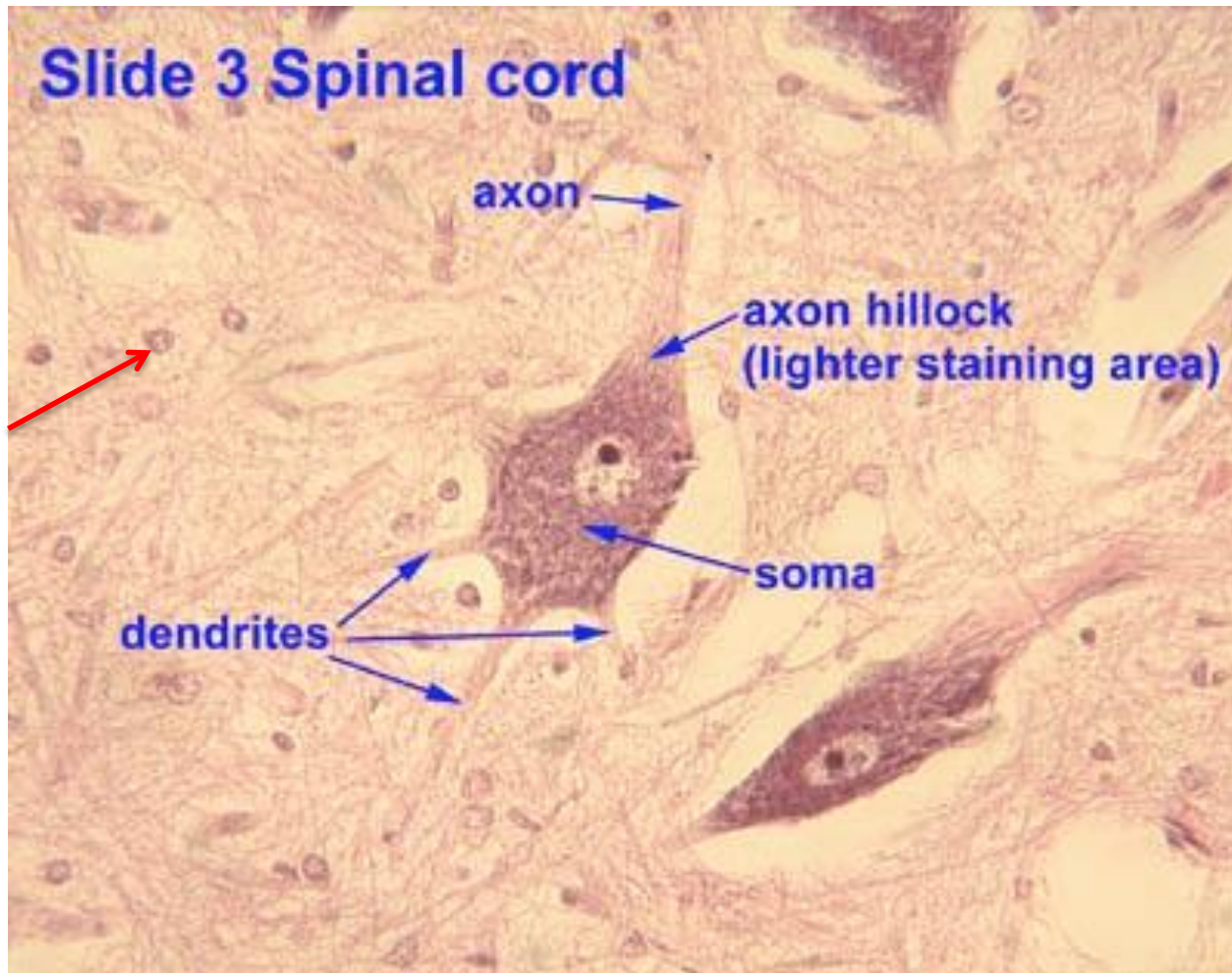


Irreducible Complexity

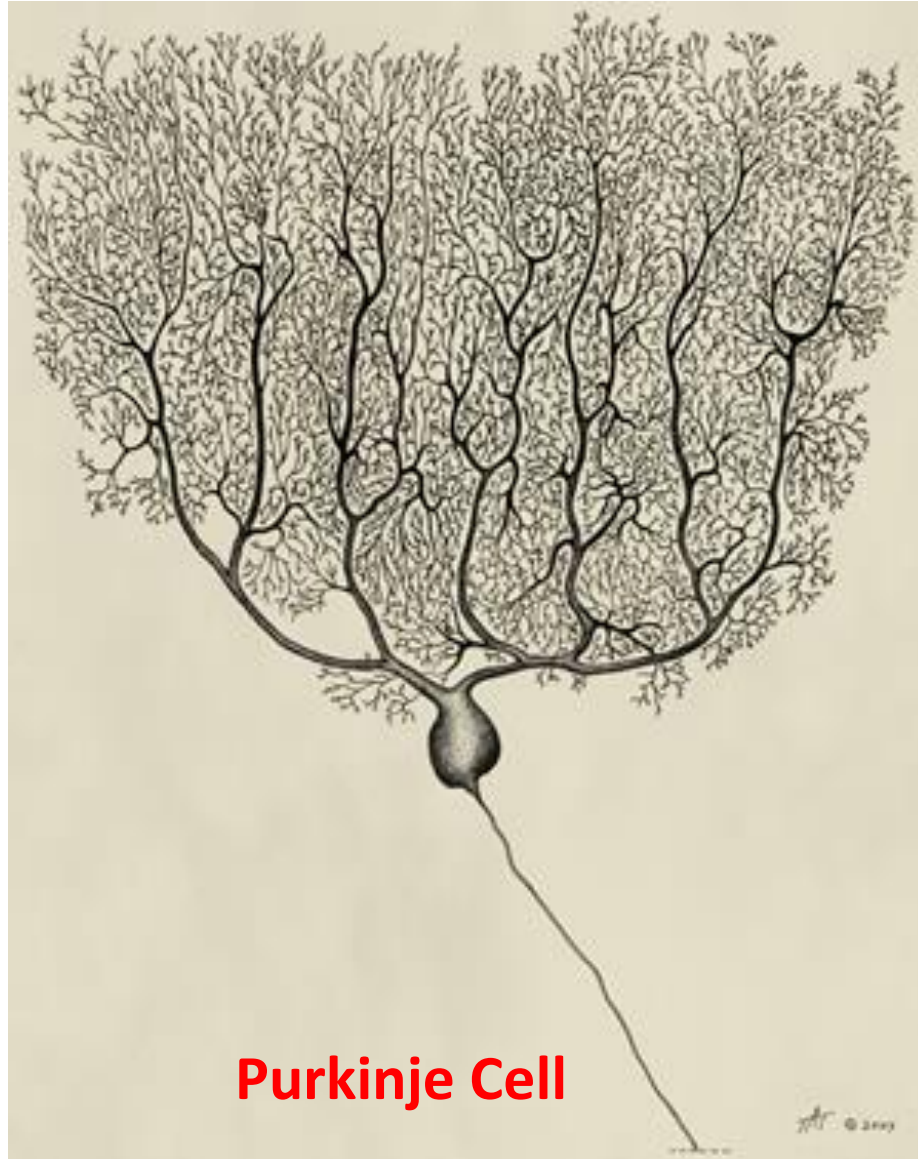


Neurons: IC on steroids!

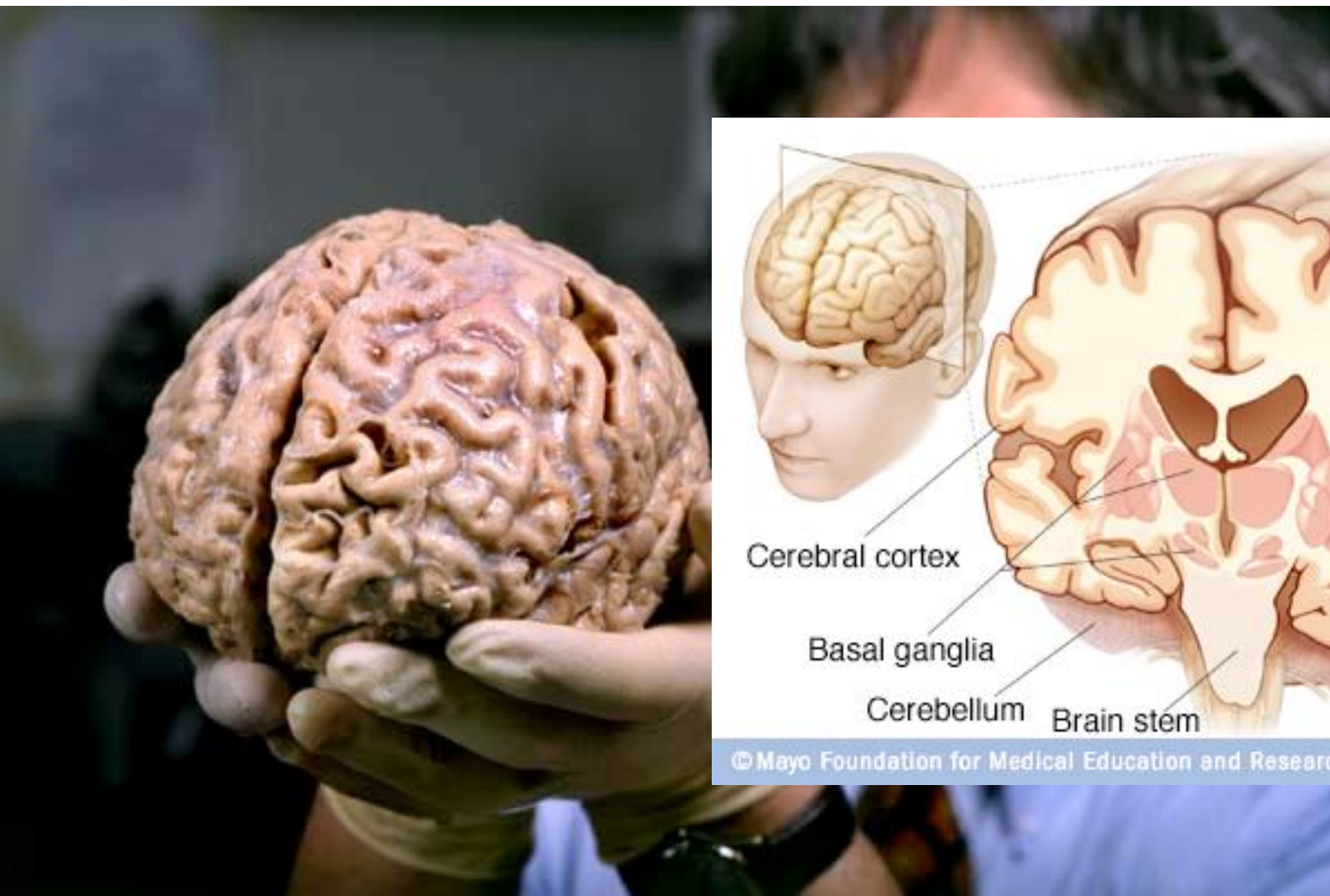
Neuroglia



Neurons must integrate thousands of incoming signals....

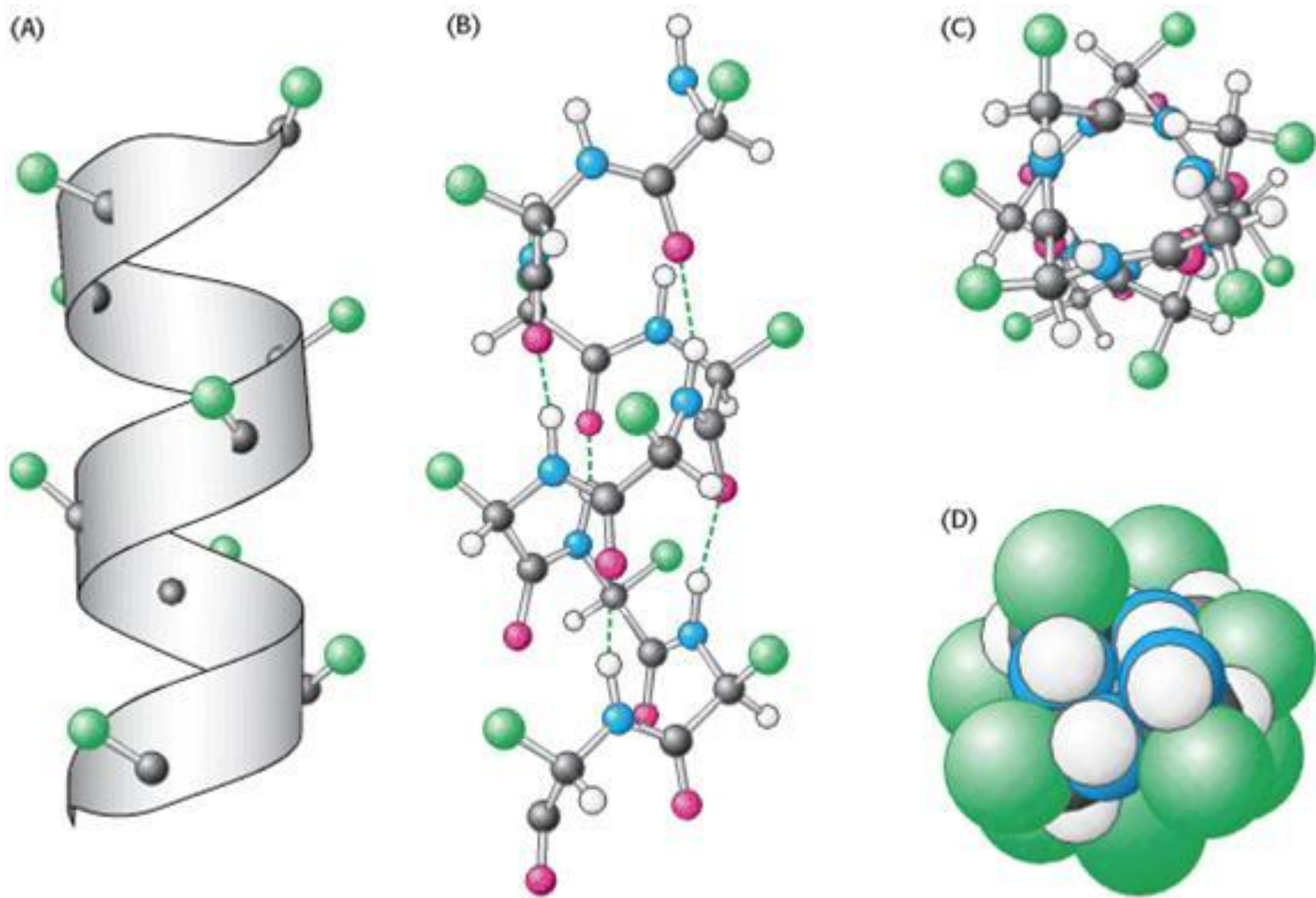


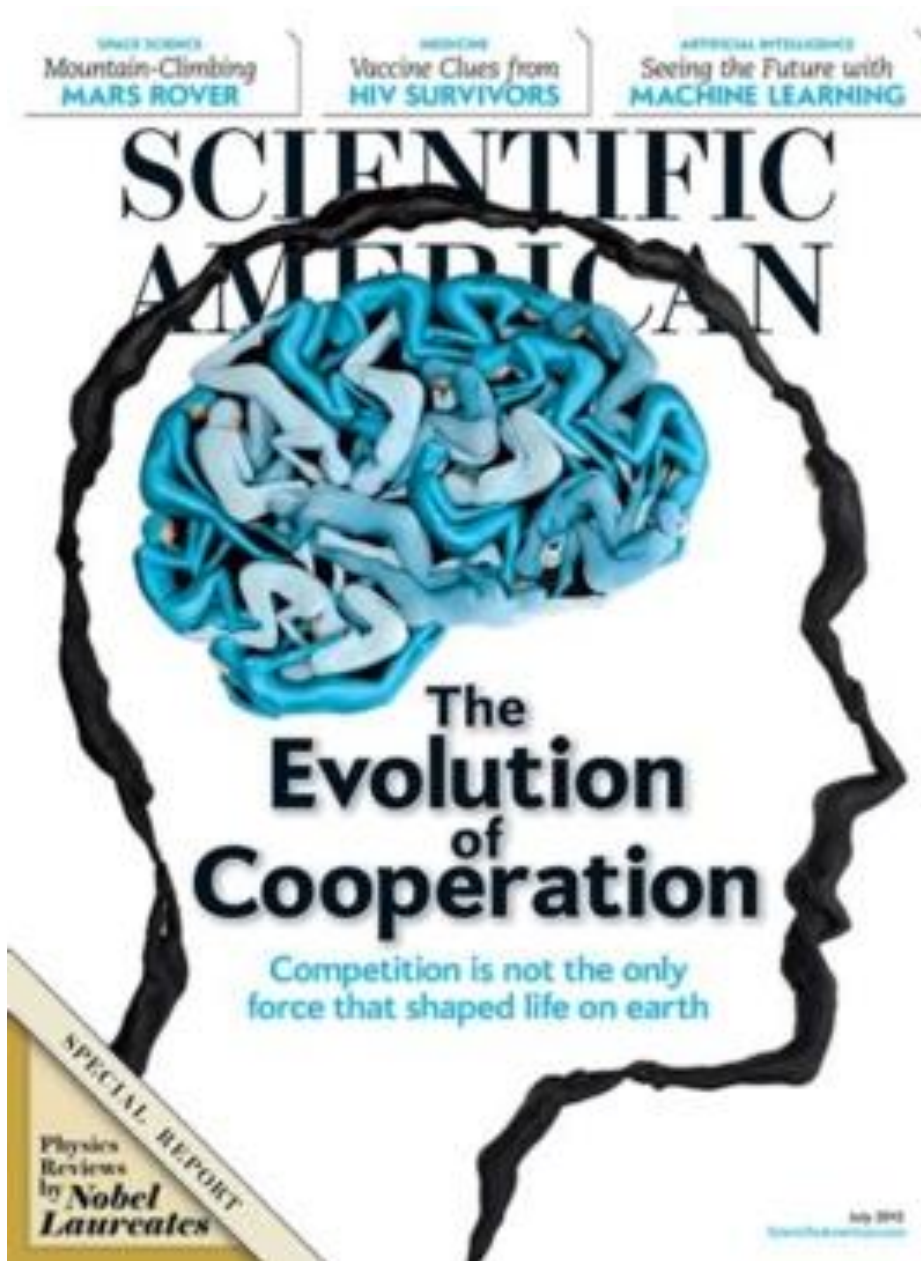
Purkinje Cell



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Materialistic Reductionism:



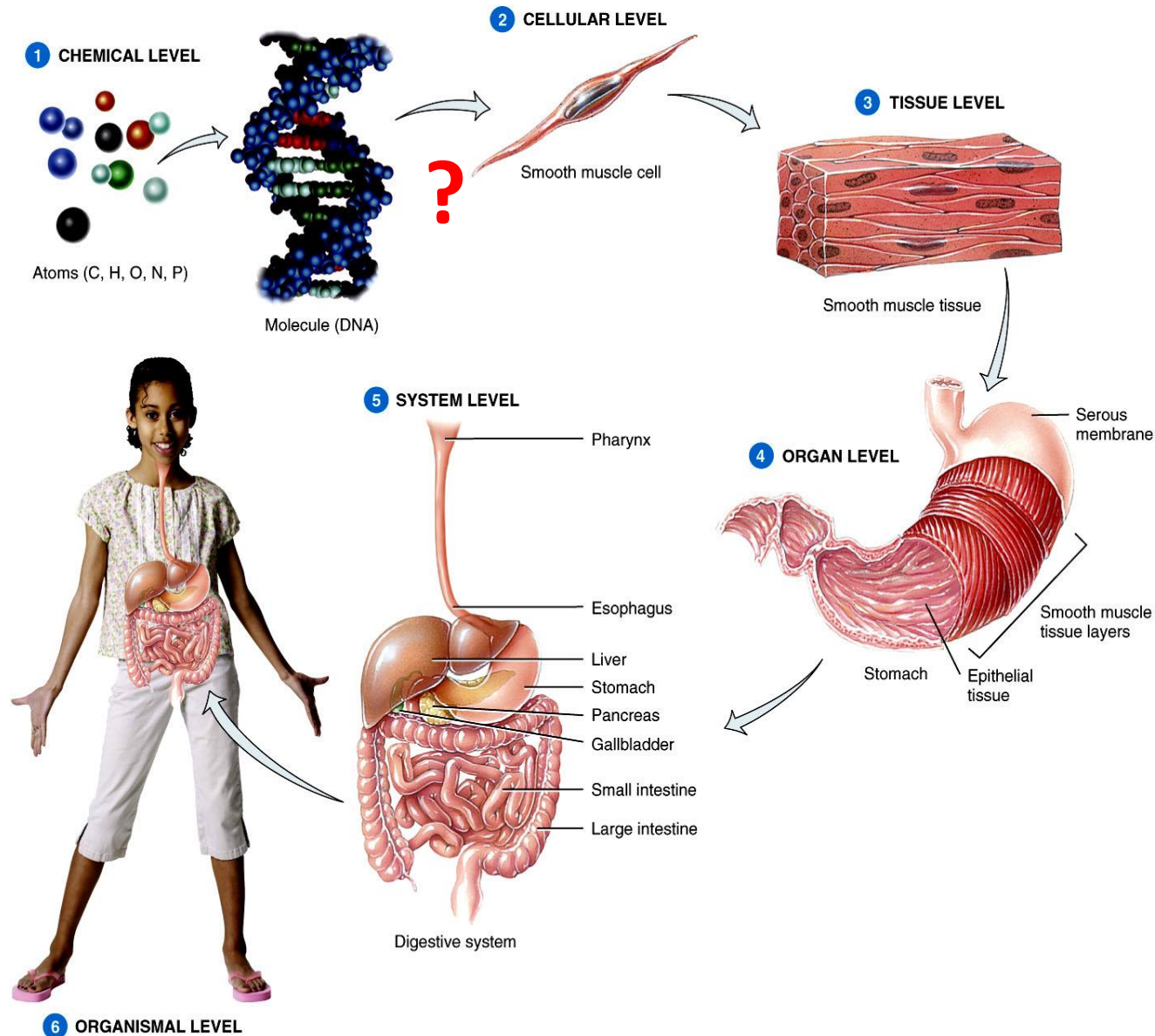


Emergent Properties:

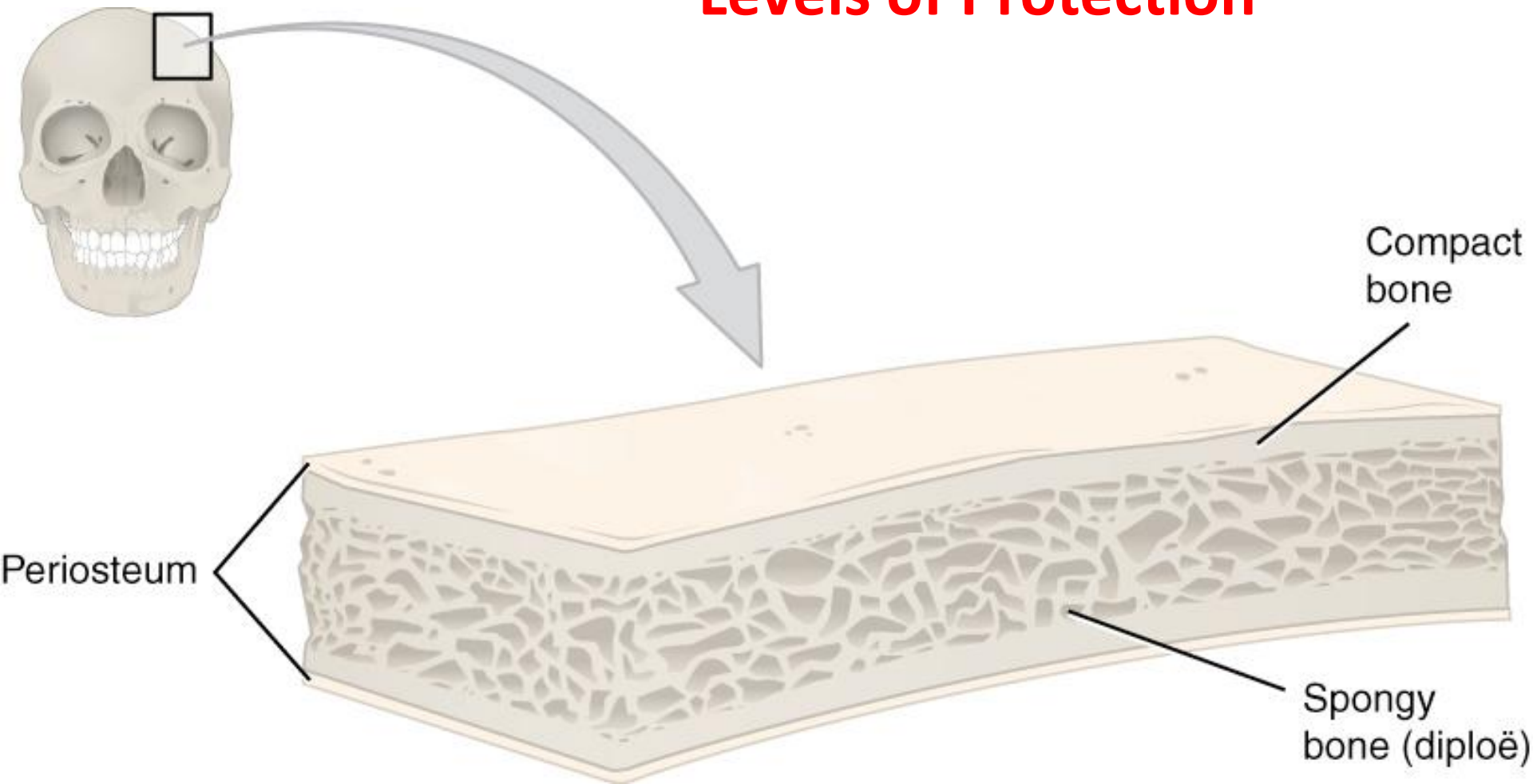
Properties that cannot be predicted to exist based only on the system's individual **material** components.

Materialistic Reductionism Gone Crazy

The Most Fundamental Emergent Property:



Structure Enables Function: Levels of Protection

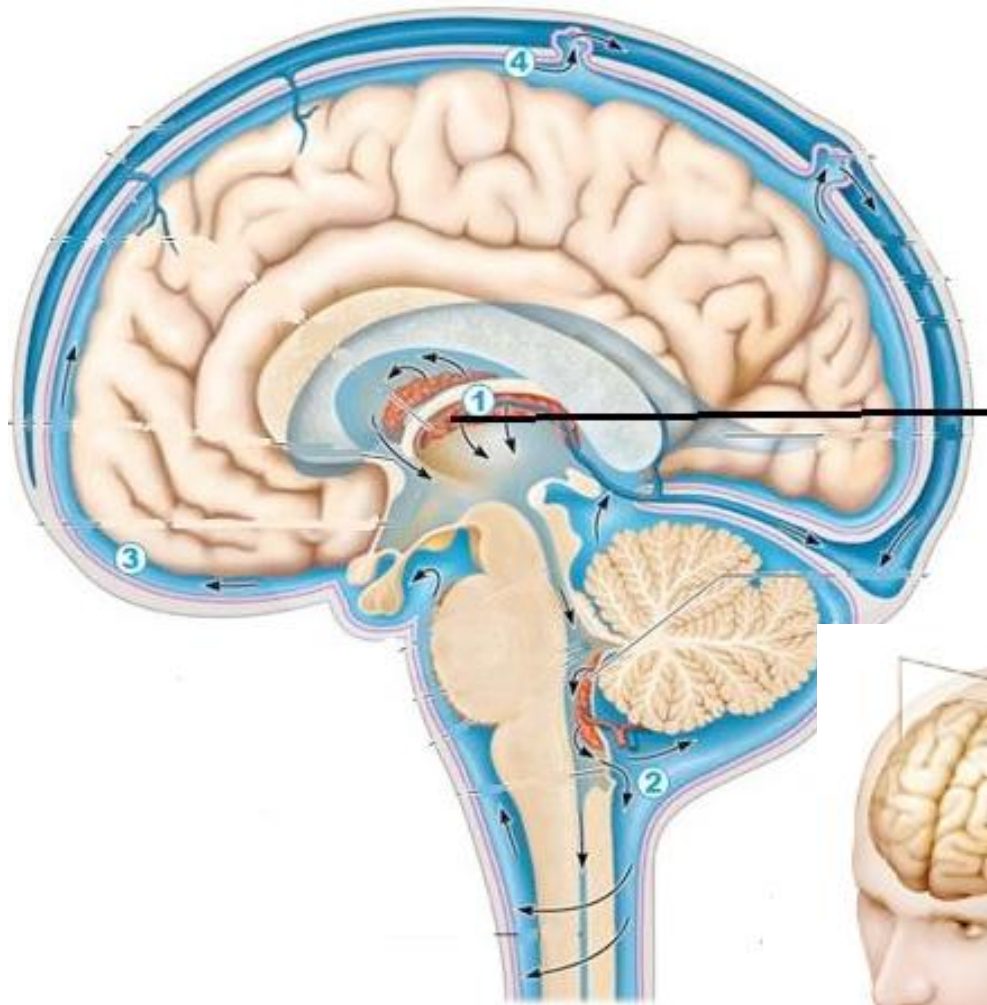


Silverthorn: p. 2 5th Ed.

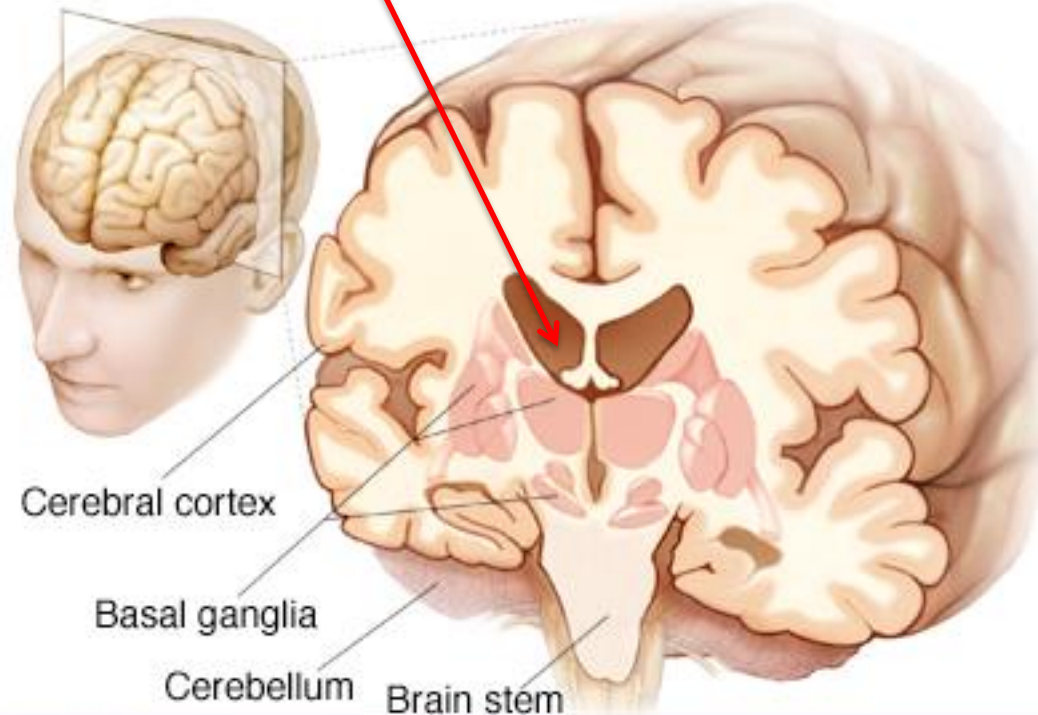
“...and the structure of the tissue or organ presumably evolved to provide an efficient physical base for its function.”

CSF Production

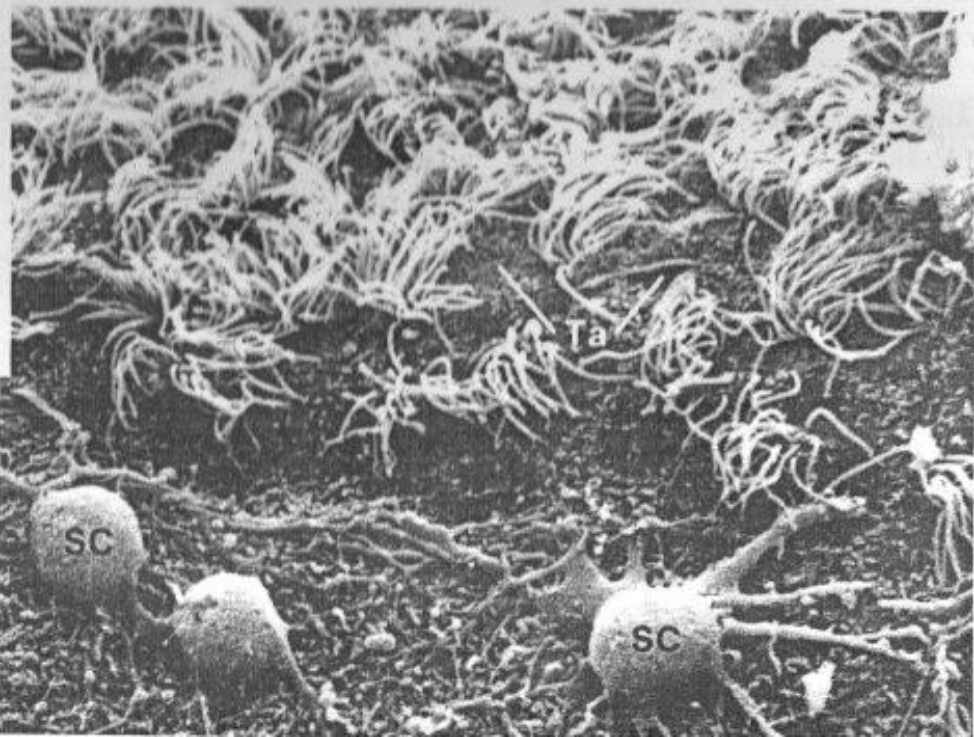
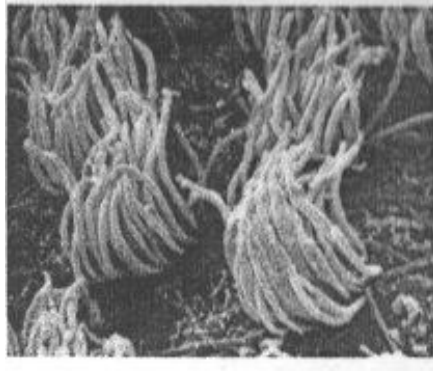
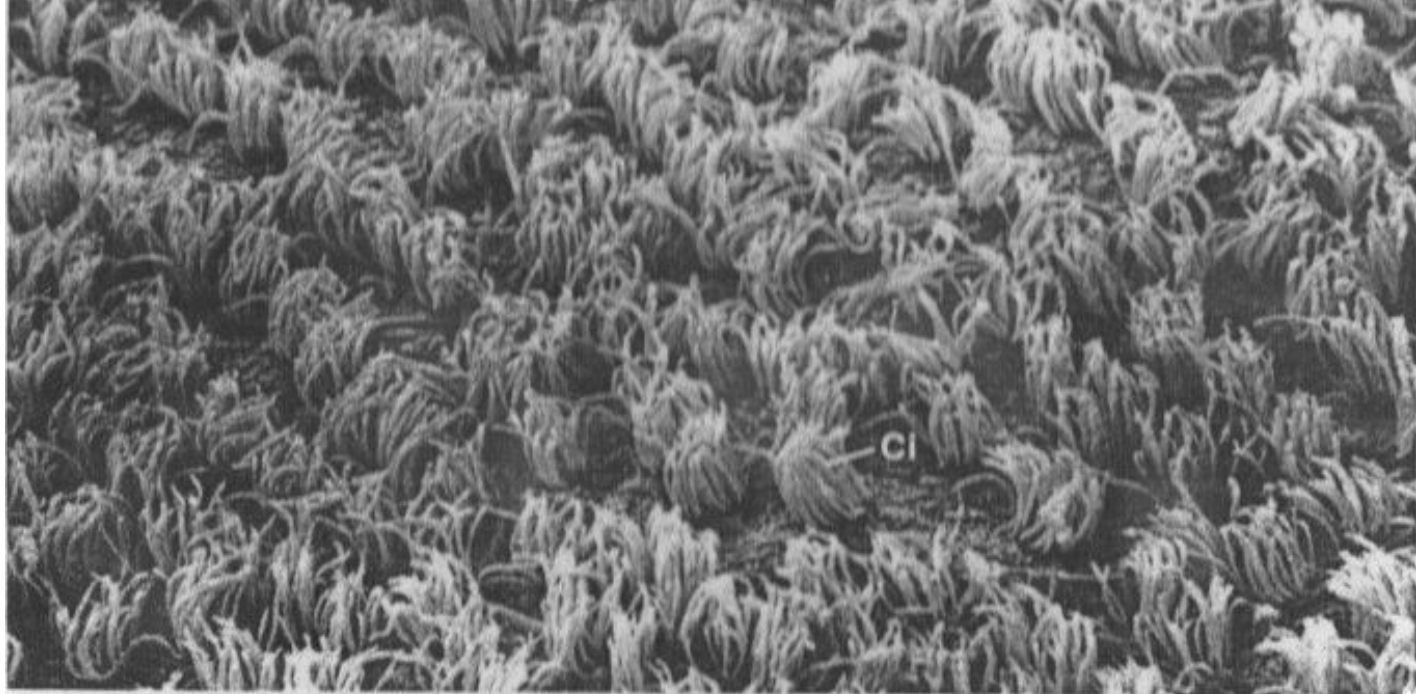
Choroid Plexus



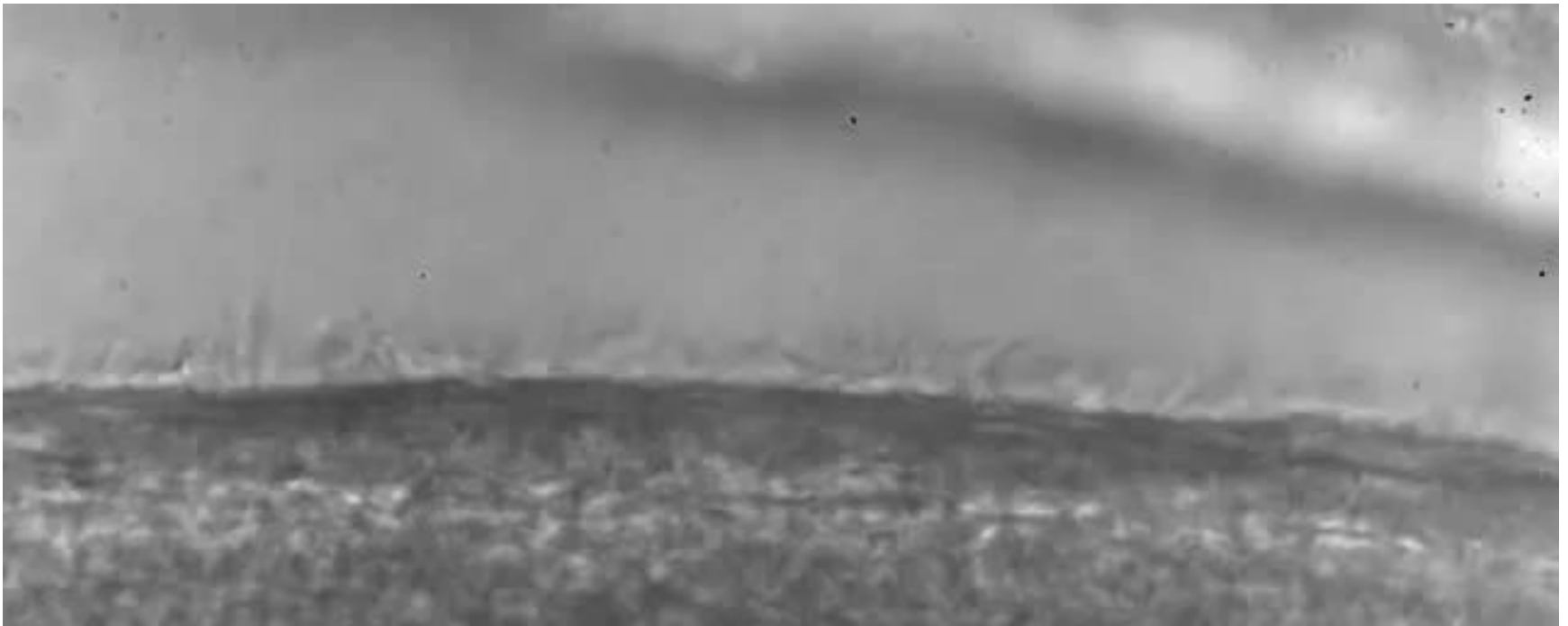
www.studyblue.com

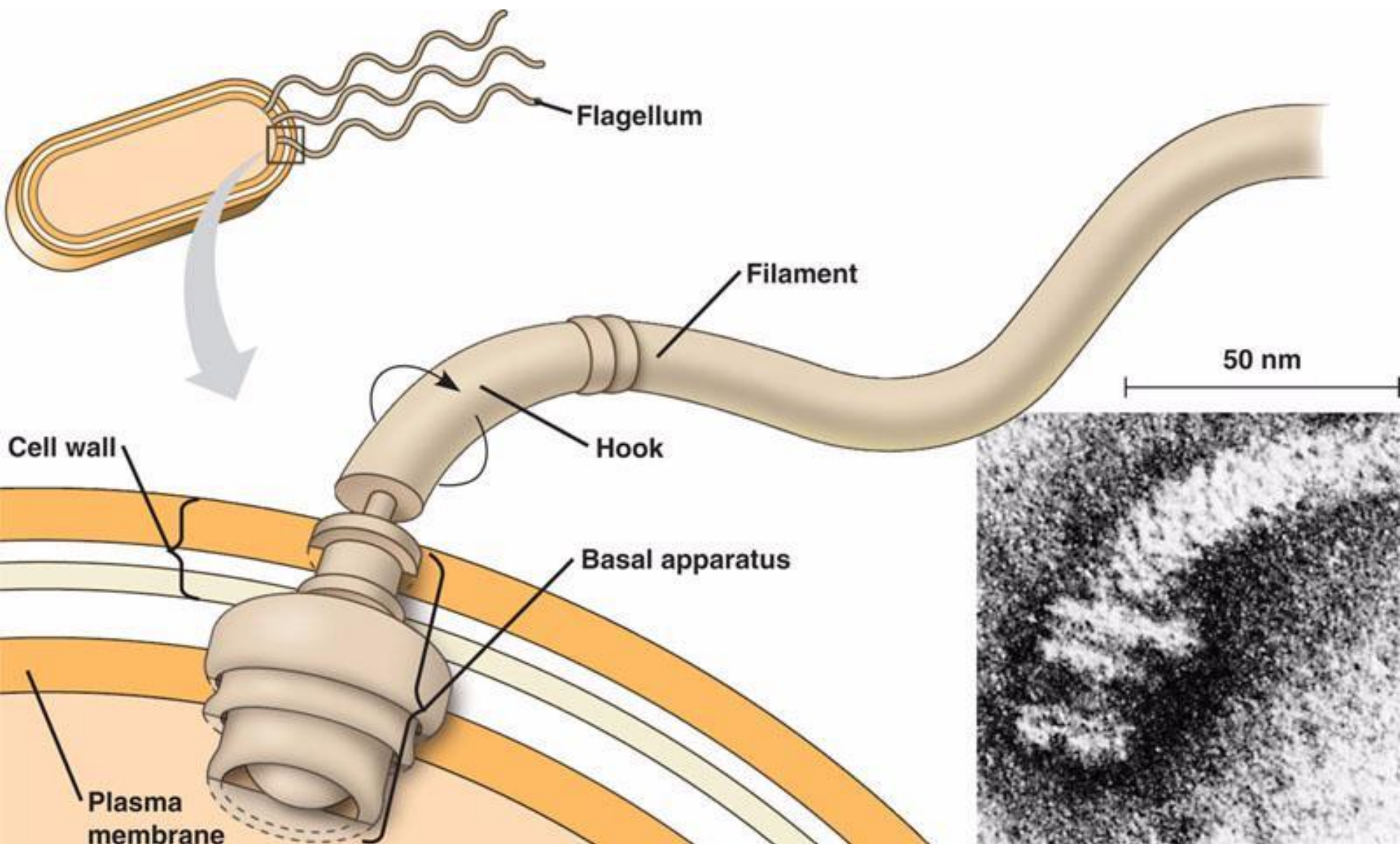


Cilia



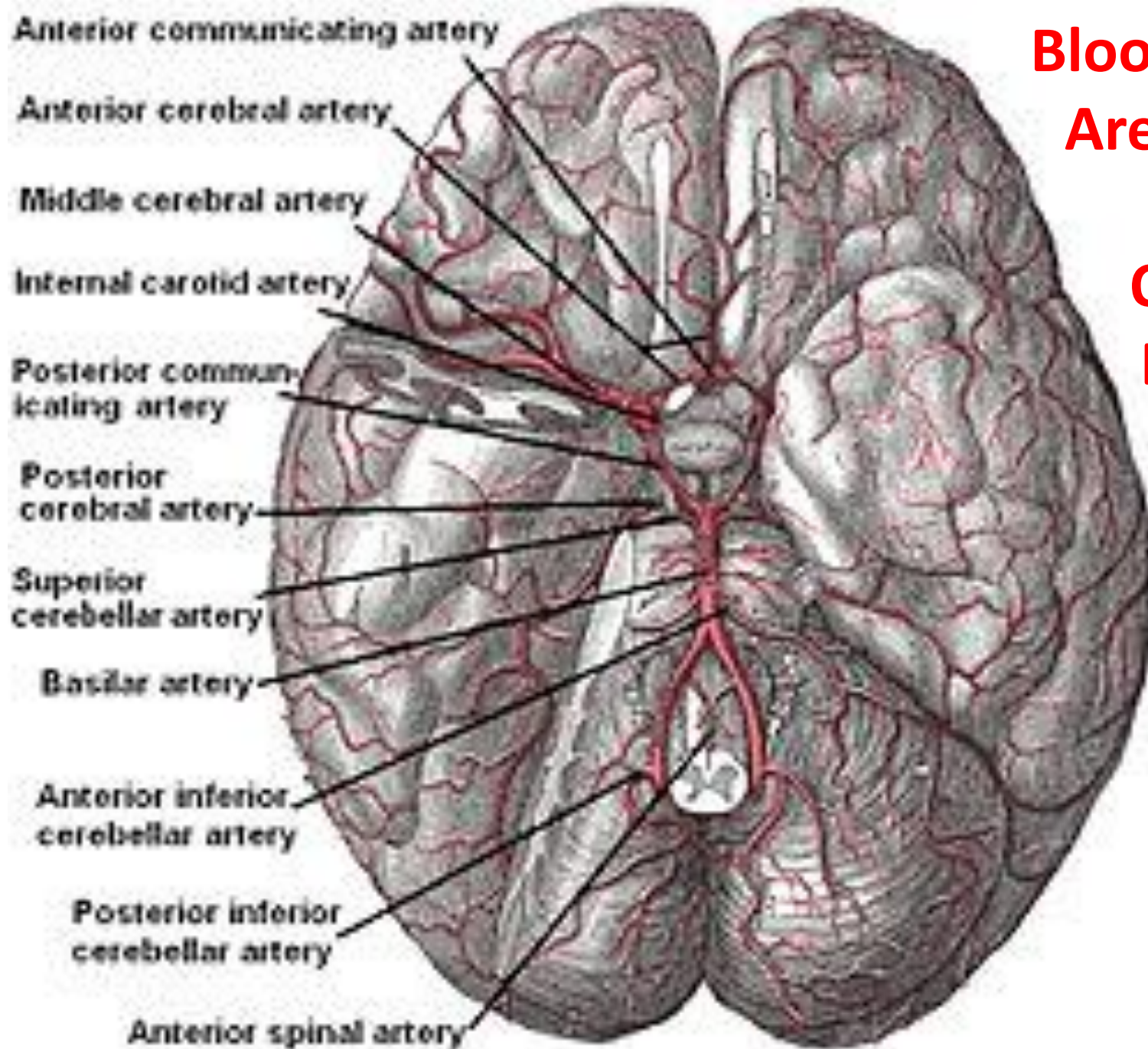
Ependymal Cell Cilia Beating:





Your Brain Floats!

Blood Vessels Are on the Base Of the Brain!



Big Ideas

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