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Dr. Brian Moench

Utah Physicians for a Healthy Environment

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"Pollution attacks the human brain"

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"Shrunken and atrophied neurites"

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"Smaller brain volume"

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"Cmallar brain valuma"

20% of Alzheimer's Disease

Los Angeles Times

Science Now

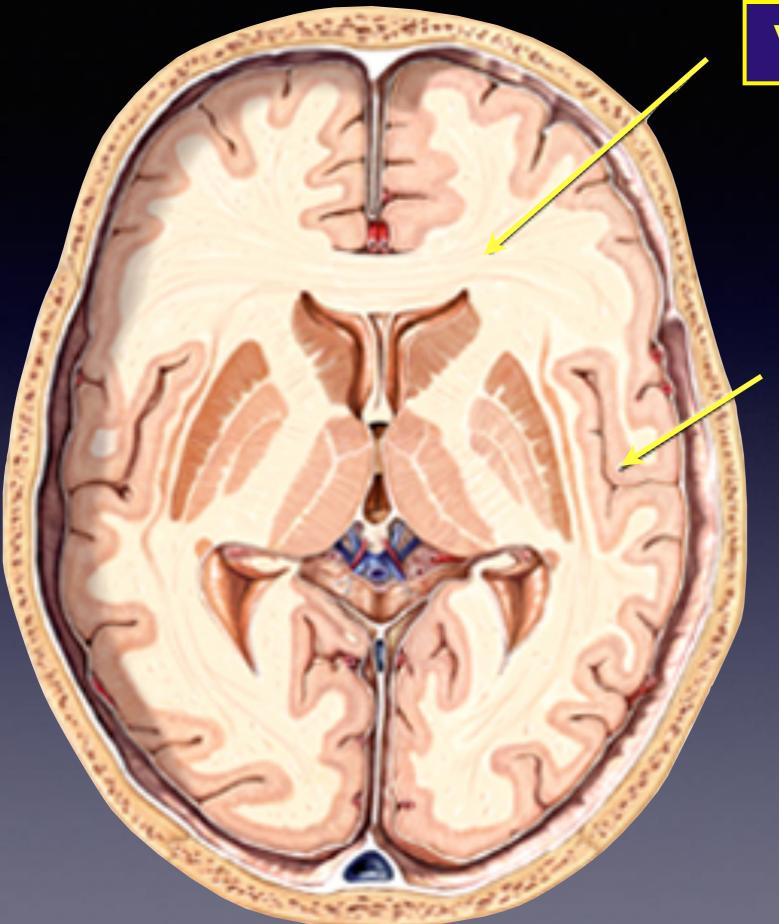
Discoveries from the world of science and medicine



Air pollution takes a double toll on babies' brains



left side of the child's brain involving almost the entire surface



White Matter

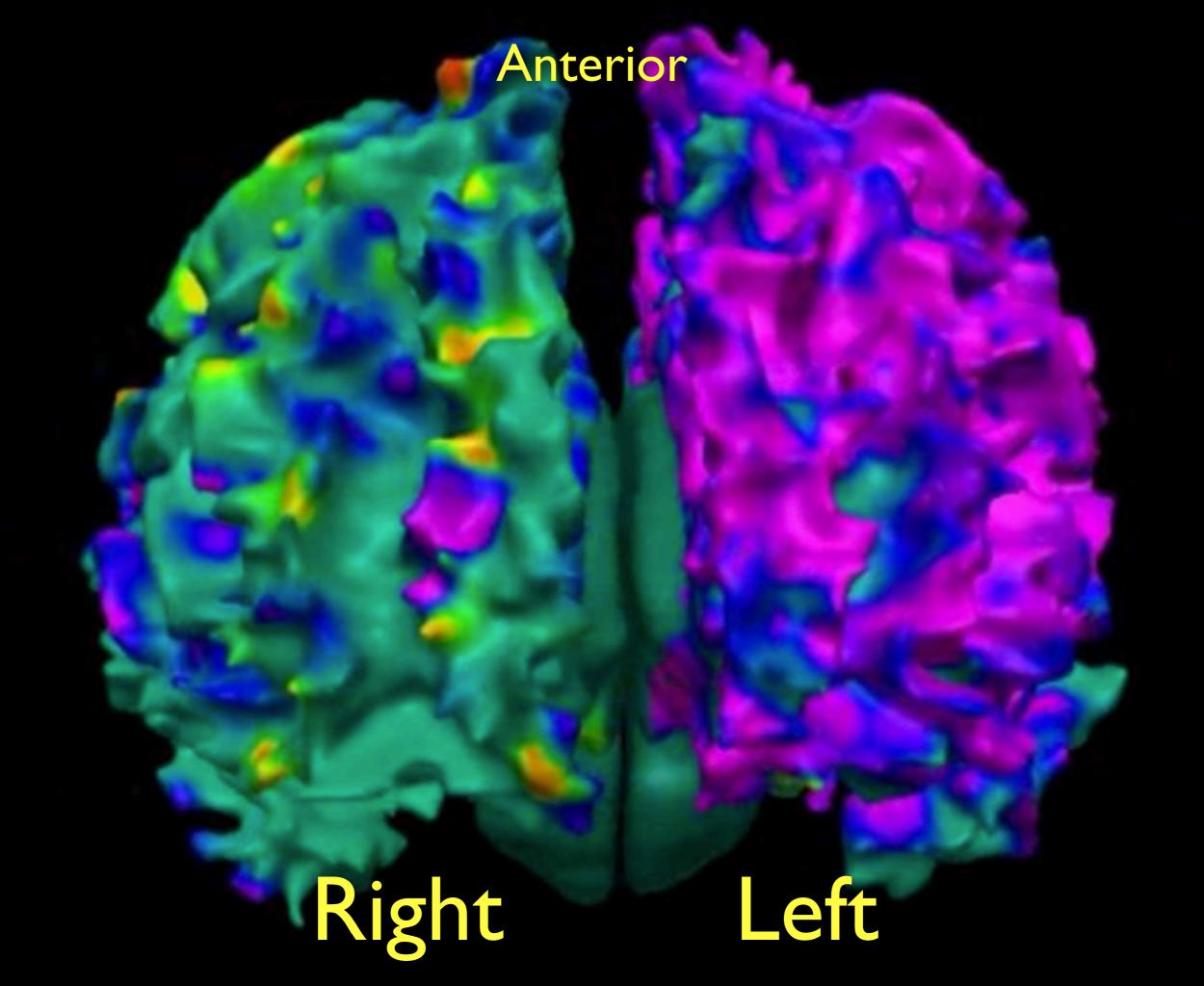
Gray Matter

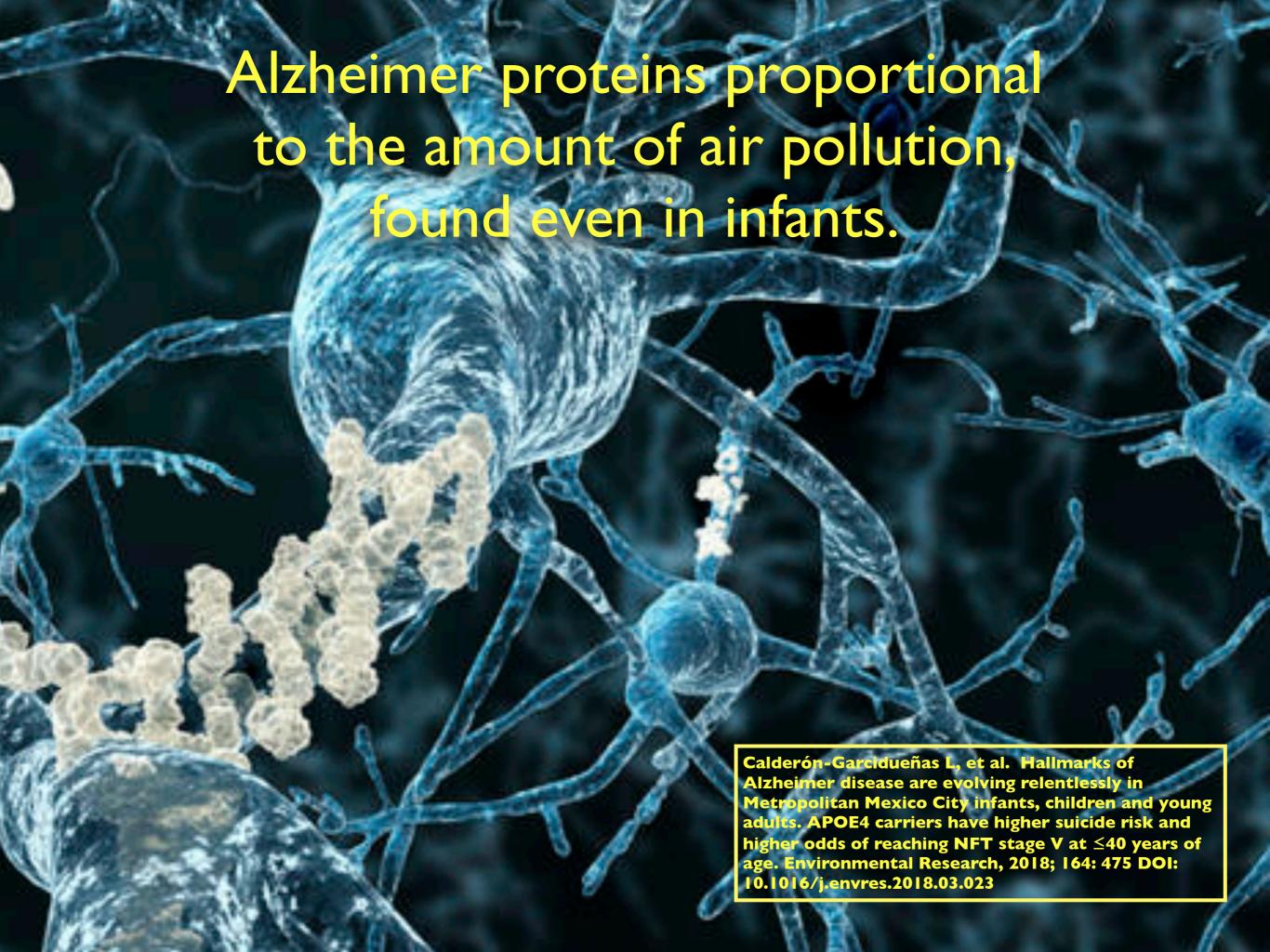


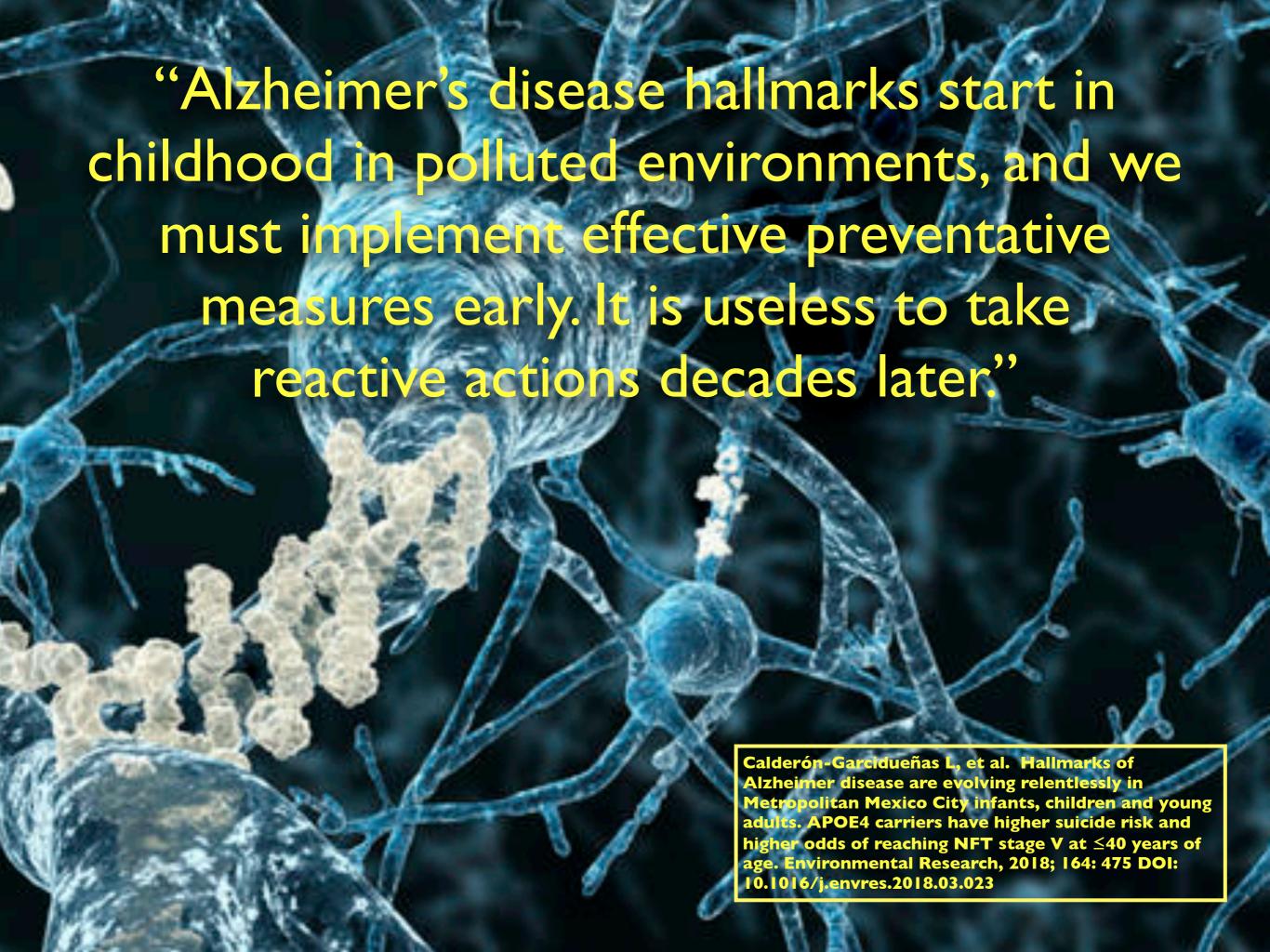




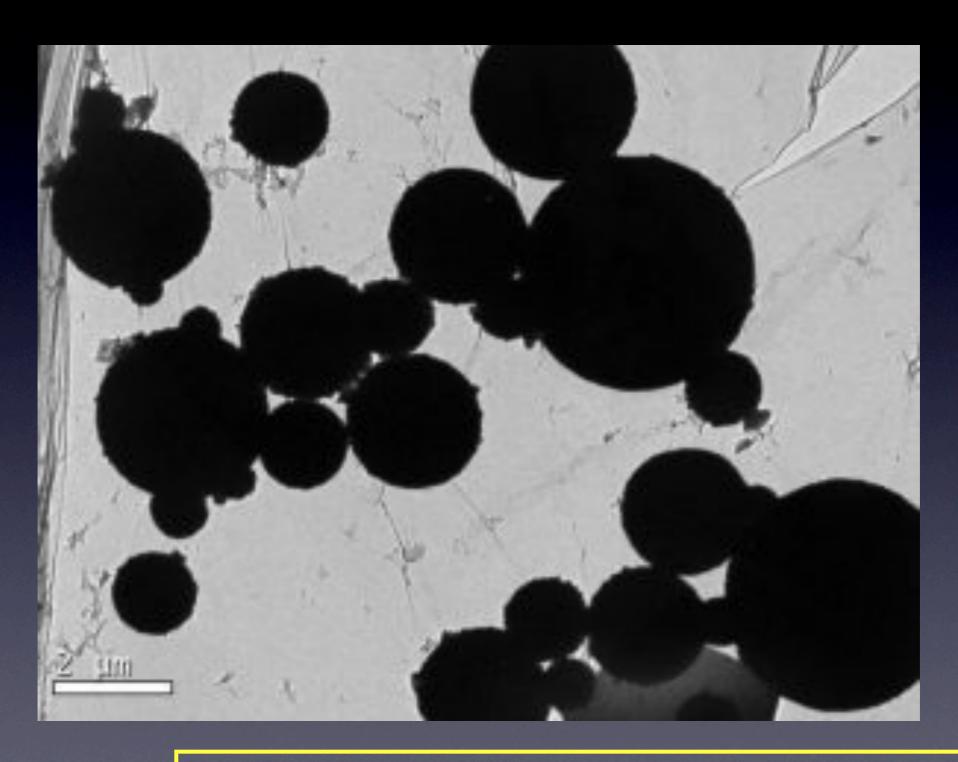








Pollution particles end up in the brain via two different routes



Maher, B, et al. Magnetite pollution nanoparticles in the human brain. PNAS 2016; published ahead of print September 6, 2016, doi:10.1073/pnas.1605941113

