

From Emerging Science
To Over 50 Years of Evidence!

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Harry Schneider, MD, Associate Research Scientist, Functional MRI Research Center, Columbia University, presents: The Discovery of Language-Specific Areas in the Brain of Non-Verbal Children with Autism and Practical Application to Treatment: An Emerging Theory.

Dr. Harry Schneider will share preliminary evidence for an emerging theory of producing spoken language in non-verbal children with autism. Using functional MRI (fMRI) and diffusion tensor imaging (DTI) at the Functional MRI Research Center of Columbia University, Dr. Schneider and associates have found that the areas in the brain that process language in studied non-verbal children with autism are not the same as in persons without autism.

Drawing upon his background as both a linguist and a physician/scientist, Dr. Schneider will explain using a combination of identifying a means to stimulate the relevant portion of the brain plus a different way of teaching language to children with autism, which has produced positive results vis-à-vis language acquisition. Dr. Schneider will also discuss the use of transcranial direct current stimulation (tDCS) as a theoretical possibility for stimulating and renewing use of traditional language centers of the brain.

Frank Engley, PhD, Emeritus Professor of Microbiology, University of Missouri School of Medicine, presents: Thimerosal - Over 50 years of known toxicity! (Unsafe at any Concentration.) Studies carried out by this investigator in three different laboratories, over 50-60 years ago, showed that the mercurials as a group including Merthiolate (Thimerosal) were ineffective antimicrobials both in vitro and in vivo. In addition, toxicity studies of the mercurials in human tissue culture revealed that the mercurials were extremely toxic for human cells and that Thimerosal - the most active, toxic down to the nanogram level. Not Gram- Not Milligram - Not Microgram- But Nanogram! For a list of 100+ speakers and presentation abstracts visit: www.autismone.org