

The UCLA logo consists of the letters "UCLA" in white, bold, sans-serif font, centered within a solid blue rectangular background.

Brain Research Institute

Magnetic Resonance Spectroscopy Affinity Group Seminar Series
presents
“The Promise of Magnetic Resonance Spectroscopy for Medical Diagnosis”



John D Port, MD, PhD

Professor and Consultant
Department of Radiology
Associate Professor
Department of Psychiatry
Faculty in Clinical & Translational Science
Graduate School of Biomedical Sciences
The Mayo Clinic
Rochester, Minnesota
Independent Consultant
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Our second lecture of the 2024 season will be on medical and psychiatric applications of magnetic resonance spectroscopy (MRS). MRS has accepted (and reimbursable) uses in evaluating brain hypoxia, numerous metabolic disorders, and, above all, multiple aspects of brain tumor management. It is an experimental and investigational method for a far wider range of disorders, including many neurologic (Alzheimer's, Parkinson's, multiple sclerosis, epilepsy, PTSD, TBI, migraine,...) and psychiatric (ADHD, autistic spectrum disorder, bipolar, OCD, substance use disorders, schizophrenia,...) conditions. Our speaker will provide us with an expert critical review of medical applications of MRS and an assessment of what prospects there may be for the future. He also promises a bit of humor, we shall see!

Dr. John Port is our speaker, a clinician investigator who might be called “the Conscience of MR Spectroscopy”. For decades, he has encouraged MRS investigators not to occupy themselves exclusively with esoteric details of pulse-sequence development, but also to seek concrete, clinic-friendly applications of MRS for real-world diseases. Practicing what he preaches, Dr. Port's career has focused on developing MRS tools for psychiatric illness. He has also developed or enhanced techniques for determining muscle and liver fat composition. Currently, he is working on MRS applications in oncology, polycystic kidney disease, and multiple sclerosis. He is certain to give us a sober and reliable overview and assessment of MRS in medicine.

Wednesday, April 10, 2024 1:00 PM-2 PM PST

All are welcome, registration required (click link): <https://bit.ly/Port-MRS> You will receive an email to join the meeting.

Hosted by Joseph O'Neill, PhD, UCLA Semel Child & Adolescent Psychiatry, UCLA BRI
For questions contact joneill@mednet.ucla.edu