Clinic Offices

• **Immune Behavioral Health (IBH) Clinic**

  321 Middlefield Rd Ste 225
  Menlo Park, CA 94025

  **Tel** (650) 497-9063  **Fax** (650) 736-1525

Academic Contact Information

• **Administrative Contact**

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Bio

Clinical Focus

• Pediatrics
• PANS

Academic Appointments

• Clinical Assistant Professor, Pediatrics - Immunology and Allergy

Professional Education

• Board Certification: Pediatrics, American Board of Pediatrics (2017)
• Medical Education: Tufts University School of Medicine (2004) MA
• Residency: Tufts Medical Center (2007) MA
• PhD, Tufts University Sackler School of Biomedical Sciences, Immunology (2002)

Research & Scholarship

Current Research and Scholarly Interests

Clinical research program focusing on children and adolescents with immune-mediated neuropsychiatric symptoms. Research team led by Dr Jennifer Frankovich.

Publications

Publications

• **Sex and Aggression Characteristics in a Cohort of Patients with Pediatric Acute-Onset Neuropsychiatric Syndrome.** *Journal of child and adolescent psychopharmacology*


  2022

• **Children With PANS May Manifest POTS.** *Frontiers in neurology*


  2022, 13: 819636
Two distinct "brain-homing" monocyte subsets identified in pediatric acute-onset neuropsychiatric syndrome (PANS) are immunosuppressive and neuroprotective.

Chronic Fatigue Symptoms in Children with Abrupt Early-onset OCD And/or PANS

The Killer Immunoglobulin-like Receptor KIR3DL1 in Combination with HLA-Bw4 Is Associated with Pediatric Acute-onset Neuropsychiatric Syndrome (PANS)

Familial Clustering of Immune-mediated Diseases in Children with Abrupt-onset OCD


* T cell epitope modified Lyme disease vaccine induces protective immunity.
Willett, T. A., Meyer, A., Huber, B. T.
FEDERATION AMER SOC EXP BIOL. 2002: A311

- **T-cell costimulatory blockade in experimental chronic cardiac allograft rejection - Effects of cyclosporine and donor antigen** *TRANSPLANTATION*
  1997; 63 (8): 1053–58

- **Mechanisms of indirect allorecognition in graft rejection - Class II MHC allopeptide-specific T cell clones transfer delayed-type hypersensitivity responses in vivo** *TRANSPLANTATION*

- **Chronic cardiac rejection in the LEW to F344 rat model blockade of CD28-B7 costimulation by CTLA41g modulates T cell and macrophage activation and attenuates arteriosclerosis** *JOURNAL OF CLINICAL INVESTIGATION*
  1996; 97 (3): 833–38