

# Stanford

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## Theresa Willett

Clinical Assistant Professor, Pediatrics - Immunology and Allergy

### CLINICAL OFFICES

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

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### ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Jacqueline Horgan - Program Coordinator

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### Bio

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#### 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

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#### 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

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#### PUBLICATIONS

- **Sex and Aggression Characteristics in a Cohort of Patients with Pediatric Acute-Onset Neuropsychiatric Syndrome.** *Journal of child and adolescent psychopharmacology*  
Gao, J., Chan, A., Willett, T., Farhadian, B., Silverman, M., Tran, P., Ahmed, S., Thienemann, M., Frankovich, J.  
2022
- **Children With PANS May Manifest POTS.** *Frontiers in neurology*  
Chan, A., Gao, J., Houston, M., Willett, T., Farhadian, B., Silverman, M., Tran, P., Jaradeh, S., Thienemann, M., Frankovich, J.  
2022; 13: 819636

- **Two distinct "brain-homing" monocyte subsets identified in pediatric acute-onset neuropsychiatric syndrome (PANS) are immunosuppressive and neuroprotective**  
Rahman, S., Khatun, A., Gaertner, F., Macaubas, C., Licon, N., Columbo, L., Farhadian, B., Willett, T., Thienemann, M., Frankovich, J., Mellins, E.  
SPRINGER/PLENUM PUBLISHERS.2022: S103-S104
- **Chronic Fatigue Symptoms in Children with Abrupt Early-onset OCD And/or PANS**  
Chan, A., Truong, A., Farhadian, B., Willett, T., Silverman, M., Tran, P., Thienemann, M., Frankovich, J.  
WILEY.2020: 252–54
- **The Killer Immunoglobulin-like Receptor KIR3DL1 in Combination with HLA-Bw4 Is Associated with Pediatric Acute-onset Neuropsychiatric Syndrome (PANS)**  
Frankovich, J., Anderson, K., Montero-Martin, G., Chan, A., Thienemann, M., Farhadian, B., Willett, T., Mellins, E., Madden, A., Murphy, T., Swedo, S., Fernandez-Vina, M., Hollenbach, et al  
WILEY.2020: 255–57
- **Familial Clustering of Immune-mediated Diseases in Children with Abrupt-onset OCD**  
Chan, A., Phu, T., Farhadian, B., Willett, T., Silverman, M., Tran, P., Thienemann, M., Frankovich, J.  
WILEY.2020: 250–52
- **Hypoferritinemia and iron deficiency in youth with pediatric acute-onset neuropsychiatric syndrome.** *Pediatric research*  
Chan, A. n., Karpel, H. n., Spartz, E. n., Willett, T. n., Farhadian, B. n., Jeng, M. n., Thienemann, M. n., Frankovich, J. n.  
2020
- **Familial Clustering of Immune-Mediated Diseases in Children with Abrupt-Onset Obsessive Compulsive Disorder.** *Journal of child and adolescent psychopharmacology*  
Chan, A. n., Phu, T. n., Farhadian, B. n., Willett, T. n., Thienemann, M. n., Frankovich, J. n.  
2020
- **The Burden of Caring for a Child or Adolescent With Pediatric Acute-Onset Neuropsychiatric Syndrome (PANS): An Observational Longitudinal Study.** *The Journal of clinical psychiatry*  
Frankovich, J., Leibold, C. M., Farmer, C., Sainani, K., Kamalani, G., Farhadian, B., Willett, T., Park, J. M., Sidell, D., Ahmed, S., Thienemann, M.  
2018; 80 (1)
- **Psychometric Properties of the Pediatric Acute-Onset Neuropsychiatric Syndrome Global Impairment Score in Children and Adolescents with Pediatric Acute-Onset Neuropsychiatric Syndrome** *JOURNAL OF CHILD AND ADOLESCENT PSYCHOPHARMACOLOGY*  
Leibold, C., Thienemann, M., Farhadian, B., Willett, T., Frankovich, J.  
2019; 29 (1): 41–49
- **Psychometric Properties of the Pediatric Acute-Onset Neuropsychiatric Syndrome Global Impairment Score in Children and Adolescents with Pediatric Acute-Onset Neuropsychiatric Syndrome.** *Journal of child and adolescent psychopharmacology*  
Leibold, C., Thienemann, M., Farhadian, B., Willett, T., Frankovich, J.  
2018
- **Clinical Management of Pediatric Acute-Onset Neuropsychiatric Syndrome: Part II-Use of Immunomodulatory Therapies.** *Journal of child and adolescent psychopharmacology*  
Frankovich, J., Swedo, S., Murphy, T., Dale, R. C., Agalliu, D., Williams, K., Daines, M., Hornig, M., Chugani, H., Sanger, T., Muscal, E., Pasternack, M., Cooperstock, et al  
2017; 27 (7): 574-593
- **Clinical Management of Pediatric Acute-onset Neuropsychiatric Syndrome (PANS): Part II – Use of Immunomodulatory Therapies** *Journal of Child and Adolescent Psychopharmacology*  
Frankovich, J., Swedo, S., Murphy, T., Dale, R. C., Agalliu, D., Williams, K., Daines, M., Hornig, M., Chugani, H., Sanger, T., Muscal, E., Pasternack, M., Cooperstock, et al  
2017; 27 (7): 574-593
- **An effective second-generation outer surface protein A-derived Lyme vaccine that eliminates a potentially autoreactive T cell epitope** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Willett, T. A., Meyer, A. L., Brown, E. L., Huber, B. T.  
2004; 101 (5): 1303–8
- **T cell epitope modified Lyme disease vaccine induces protective immunity.**

Willett, T. A., Meyer, A., Huber, B. T.

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- **T-cell costimulatory blockade in experimental chronic cardiac allograft rejection - Effects of cyclosporine and donor antigen** *TRANSPLANTATION*  
Chandraker, A., Russell, M. E., GlysingJensen, T., Willett, R. A., Sayegh, M. H.  
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*  
Chen, W. J., Murphy, B., Waaga, A. M., Willett, T. A., Russell, M. E., Khoury, S. J., Sayegh, M. H.  
1996; 62 (6): 705–10
- **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*  
Russell, M. E., Hancock, W. W., Akalin, E., Wallace, A. F., GlysingJensen, T., Willett, T. A., Sayegh, M. H.  
1996; 97 (3): 833–38