



Agnieszka Kalinowski

- Clinical Instructor, Psychiatry and Behavioral Sciences
- Postdoctoral Research Fellow, Psychiatry

CLINICAL OFFICES

- **Psychiatry**

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Bio

BIO

I am a translational physician-scientist focused on studying the role of the immune system in patients with schizophrenia. My work spans careful clinical characterization of patients to understanding mechanisms in basic science model systems, allowing to provide mechanistic understanding to observations in clinical samples. Currently, I'm focused on deciphering the role of the complement system and how the known genetic risk translates into pathophysiological disease mechanisms. I hope that this work will pave the way to novel treatment strategies.

CLINICAL FOCUS

- Psychiatry
- Schizophrenia
- 22q11 Deletion Syndrome

ACADEMIC APPOINTMENTS

- Clinical Instructor, Psychiatry and Behavioral Sciences

HONORS AND AWARDS

- Ruth L. Kirschstein National Research Service Award F30, National Institutes of Health (2008-2013)
- Outstanding Resident Award- Honorable Mention, National Institutes of Health (2017)
- T32 Postdoctoral Research Training in Psychiatric Research, National Institutes of Health (2017-2019)
- Translational Research and Applied Medicine Scholar, Stanford University School of Medicine (2018-2020)
- Advanced Fellow in Mental Illness Research, Sierra Pacific Mental Illness Research Education and Clinical Center (MIRECC), VA Palo Alto (2019-present)

PROFESSIONAL EDUCATION

- Board Certification: Psychiatry, American Board of Psychiatry and Neurology (2018)
- Residency: Stanford University Adult Psychiatry Residency (2017) CA
- Medical Education: University of Pittsburgh School of Medicine (2013) PA

- Doctor of Philosophy, Carnegie Mellon University (2011)
- Doctor of Medicine, University of Pittsburgh (2013)

Research & Scholarship

LAB AFFILIATIONS

- Alexander Urban (8/12/2017)

Publications

PUBLICATIONS

- **Low C4 Copy Number of Total C4 Gene, C4B Gene and C4BL Gene in Children with Pediatric Acute-onset Neuropsychiatric Syndrome (PANS)**
Kalinowski, A., Lee, J., Hedlin, H., Pattini, R., Ollila, H., Mignot, E., Levinson, D., Swedo, S., Murphy, T., Chan, A., Thienemann, M., Urban, A., Frankovich, et al
WILEY.2020: 254–55
- **Teaching Practice-Based Learning on Inpatient Psychiatric Services.** *Academic psychiatry : the journal of the American Association of Directors of Psychiatric Residency Training and the Association for Academic Psychiatry*
Kalinowski, A., Raj, K. S., Bandstra, B. S.
2019
- **MACHINE LEARNING REVEALS BILATERAL DISTRIBUTION OF SOMATIC L1 INSERTIONS IN HUMAN NEURONS AND GLIA**
Zhu, X., Zhou, B., Pattni, R., Gleason, K., Tan, C., Kalinowski, A., Sloan, S., Fiston-Lavier, A., Mariani, J., Vogel, H., Moran, J., Vaccarino, F., Tamminga, et al
ELSEVIER.2019: S68
- **Medical Workup for First-Episode Psychosis** *Intervening Early in Psychosis*
Kalinowski, A., Ballon, J. S.
American Psychiatric Association Publishing.2019; 1: 133–150
- **Neuroscience in Clinical Supervision: Toward a Neurobiopsychosocial Approach** *Supervision in Psychiatric Practice Practical Approaches Across Venues and Providers*
Raj, K., Kalinowski, A., Bandstra, B.
American Psychiatric Association Publishing.2019
- **Governmental standard drink definitions and low-risk alcohol consumption guidelines in 37 countries** *ADDICTION*
Kalinowski, A., Humphreys, K.
2016; 111 (7): 1293-1298
- **The tail domain of lamin B1 is more strongly modulated by divalent cations than lamin A.** *Nucleus (Austin, Tex.)*
Ganesh, S. n., Qin, Z. n., Spagnol, S. T., Biegler, M. T., Coffey, K. A., Kalinowski, A. n., Buehler, M. J., Dahl, K. N.
2015; 6 (3): 203–11
- **Interfacial binding and aggregation of lamin A tail domains associated with Hutchinson-Gilford progeria syndrome.** *Biophysical chemistry*
Kalinowski, A. n., Yaron, P. N., Qin, Z. n., Shenoy, S. n., Buehler, M. J., Lösche, M. n., Dahl, K. N.
2014; 195: 43–48
- **Calcium causes a conformational change in lamin A tail domain that promotes farnesyl-mediated membrane association.** *Biophysical journal*
Kalinowski, A. n., Qin, Z. n., Coffey, K. n., Kodali, R. n., Buehler, M. J., Lösche, M. n., Dahl, K. N.
2013; 104 (10): 2246–53
- **Nucleoskeleton mechanics at a glance.** *Journal of cell science*
Dahl, K. N., Kalinowski, A. n.
2011; 124 (Pt 5): 675–78
- **Computational image analysis of nuclear morphology associated with various nuclear-specific aging disorders.** *Nucleus (Austin, Tex.)*
Choi, S. n., Wang, W. n., Ribeiro, A. J., Kalinowski, A. n., Gregg, S. Q., Opresko, P. L., Niedernhofer, L. J., Rohde, G. K., Dahl, K. N.
2011; 2 (6): 570–79
- **Structure and stability of the lamin A tail domain and HGPS mutant.** *Journal of structural biology*

Qin, Z. n., Kalinowski, A. n., Dahl, K. N., Buehler, M. J.
2011; 175 (3): 425–33

● **Mechanobiology and the microcirculation: cellular, nuclear and fluid mechanics.** *Microcirculation (New York, N.Y. : 1994)*

Dahl, K. N., Kalinowski, A. n., Pekkan, K. n.
2010; 17 (3): 179–91

● **Stabilization of the spectrin-like domains of nesprin-1# by the evolutionarily conserved "adaptive" domain.** *Cellular and molecular bioengineering*

Zhong, Z. n., Chang, S. A., Kalinowski, A. n., Wilson, K. L., Dahl, K. N.
2010; 3 (2): 139–50

● **Dynamical response of nanomechanical oscillators in immiscible viscous fluid for in vitro biomolecular recognition.** *Physical review letters*

Dorignac, J. n., Kalinowski, A. n., Erramilli, S. n., Mohanty, P. n.
2006; 96 (18): 186105