

Danielle (HyunJung) Kim

Postdoctoral Scholar, Neurology and Neurological Sciences

Bio

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- Clinical Research Training Scholarship in ALD, American Academy of Neurology (07/2025-)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of California Davis (2023)
- MS, Korea University , Environmental Microbiology (2017)
- BS, Korea University , Brain and Cognitive Sciences (2015)
- BS, Korea University , Environmental Science and Ecological Engineering (2015)

STANFORD ADVISORS

- Keith Van Haren, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Differentiating Incidental From Pathologic Brain MRI Findings in Asymptomatic Boys With X-Linked Adrenoleukodystrophy: A Multicenter Study.** *Neurology*
Srivastava, I. N., Kim, D. H., Gauna, J., Videbæk, C., Corwin, N., Chang, S., Cheng, J., Dahmouh, H., Loes, D. J., Mallack, E. J., Van Haren, K. P. 2025; 105 (10): e214321
- **The association of maternal COVID-19-infection during pregnancy on the neonatal immune profile and associations with later diagnosis of neurodevelopmental disorders.** *Brain, behavior, and immunity*
Kim, D. H., Croen, L. A., Iosif, A. M., Ames, J. L., Alexeeff, S., Qian, Y., Yolken, R. H., Ashwood, P., de Water, J. V. 2024
- **Calorie restriction and pravastatin administration during pregnancy in obese rhesus macaques modulates maternal and infant metabolism and infant brain and behavioral development.** *Frontiers in nutrition*
Hasegawa, Y., Kim, D. H., Zhang, Z., Taha, A. Y., Capitanio, J. P., Hogrefe, C. E., Bauman, M. D., Golub, M. S., Van de Water, J., VandeVoort, C. A., Walker, C. K., Slupsky, C. M. 2023; 10: 1146804
- **Neonatal immune signatures differ by sex regardless of neurodevelopmental disorder status: Macrophage migration inhibitory factor (MIF) alone reveals a sex by diagnosis interaction effect** *BRAIN BEHAVIOR AND IMMUNITY*
Kim, D. H. J., Iosif, A., Ramirez-Celis, A., Ashwood, P., Ames, J. L., Lyall, K., Berger, K., Croen, L. A., Van de Water, J. 2023; 111: 328-333
- **Maternal Immune Dysregulation and Autism-Understanding the Role of Cytokines, Chemokines and Autoantibodies** *FRONTIERS IN PSYCHIATRY*
McLellan, J., Kim, D. H. J., Bruce, M., Ramirez-Celis, A., van de Water, J.

2022; 13: 834910

- **Maternal Immune Dysregulation and Autism Spectrum Disorder** *Neural Engineering Techniques for Autism Spectrum Disorder, Volume 2: Diagnosis and Clinical Analysis*,
Kim, D. H., Ramirez-Celis, A., Van de Water, J.
Elsevier.2022

- **Neonatal chemokine markers predict subsequent diagnosis of autism spectrum disorder and delayed development** *BRAIN BEHAVIOR AND IMMUNITY*
Kim, D. H. J., Krakowiak, P., Meltzer, A., Hertz-Picciotto, I., Water, J.
2022; 100: 121-133

- **Development of the Microbiota-Gut-Brain Axis in Early Life** *Gut-Brain Connection, Myth or Reality? The Role of Microbiome in Health and Diseases*
Kim, D. H., Rude, K. M., Gareau, M. G.
World Scientific Publishing Co.2021

- **Myelin as a regulator of development of the microbiota-gut-brain axis.** *Brain, behavior, and immunity*
Keogh, C. E., Kim, D. H., Pusceddu, M. M., Knotts, T. A., Rabasa, G., Sladek, J. A., Hsieh, M. T., Honeycutt, M., Brust-Mascher, I., Barboza, M., Gareau, M. G.
2021; 91: 437-450

- **Nod-like receptors are critical for gut-brain axis signalling in mice** *JOURNAL OF PHYSIOLOGY-LONDON*
Pusceddu, M. M., Barboza, M., Keogh, C. E., Schneider, M., Stokes, P., Sladek, J. A., Kim, H. D., Torres-Fuentes, C., Goldfield, L. R., Gillis, S. E., Brust-Mascher, I., Rabasa, G., Wong, et al
2019; 597 (24): 5777-5797

- **Prognostic Impact of *Fusobacterium nucleatum* Depends on Combined Tumor Location and Microsatellite Instability Status in Stage II/III Colorectal Cancers Treated with Adjuvant Chemotherapy** *JOURNAL OF PATHOLOGY AND TRANSLATIONAL MEDICINE*
Oh, H., Kim, J., Bae, J., Kim, H., Cho, N., Kang, G.
2019; 53 (1): 40-+

- **Modulation of calcium carbonate precipitation by exopolysaccharide in *Bacillus* sp JH7** *APPLIED MICROBIOLOGY AND BIOTECHNOLOGY*
Kim, H., Shin, B., Lee, Y., Park, W.
2017; 101 (16): 6551-6561

- **Non-ureolytic calcium carbonate precipitation by *Lysinibacillus* sp YS11 isolated from the rhizosphere of *Miscanthus sacchariflorus*** *JOURNAL OF MICROBIOLOGY*
Lee, Y., Kim, H., Park, W.
2017; 55 (6): 440-447

- **Draft Genome Sequences of Two Ureolytic Bacteria Isolated from Concrete Block Waste** *GENOME ANNOUNCEMENTS*
Park, H., Park, B., Kim, H., Park, W., Choi, I.
2016; 4 (4)

- **Calcium Carbonate Precipitation by *Bacillus* and *Sporosarcina* Strains Isolated from Concrete and Analysis of the Bacterial Community of Concrete** *JOURNAL OF MICROBIOLOGY AND BIOTECHNOLOGY*
Kim, H., Eom, H., Park, C., Jung, J., Shin, B., Kim, W., Chung, N., Choi, I., Park, W.
2016; 26 (3): 540-548