

Stanford



Dennis J Bua

Administrative Co-Director, School of Medicine - IDP's - MSTP

Bio

HONORS AND AWARDS

- University of California Leadership Certificate, University of California, Santa Barbara (2003)
- Post-baccalaureate Research Education Program (PREP) Scholarship, National Institutes of Health (2004)
- Minority Biomedical Research Support (MBRS) Research Initiative for Scientific Enhancement (RISE), National Institutes of Health (2004-2006)
- Sally Casanova California Pre-Doctoral Scholarship, California State University (2005)
- Research Supplements to Promote Diversity in Health-Related Research, National Institutes of Health (2007-2009)
- Carl Storm Underrepresented Minority Fellowship, Gordon Research Conferences (2009)
- DARE (Diversifying Academia, Recruiting Excellence) Doctoral Fellowship, Stanford University (2010-2012)

LINKS

- LinkedIn Profile: <https://www.linkedin.com/in/dennisjbua>

Publications

PUBLICATIONS

- **Tissue-Specific cis-Regulatory Divergence Implicates eIF in Inhibiting Interspecies Mating in *Drosophila*.** *Current biology : CB*
Combs, P. A., Krupp, J. J., Khosla, N. M., Bua, D., Petrov, D. A., Levine, J. D., Fraser, H. B.
2018
- **Nuclear phosphatidylinositol-5-phosphate regulates ING2 stability at discrete chromatin targets in response to DNA damage.** *Scientific reports*
Bua, D. J., Martin, G. M., Binda, O., Gozani, O.
2013; 3: 2137-?
- **Structure-activity relationships of methyl-lysine reader antagonists** *MEDCHEMCOMM*
Herold, J. M., James, L. I., Korboukh, V. K., Gao, C., Coil, K. E., Bua, D. J., Norris, J. L., Kireev, D. B., Brown, P. J., Jin, J., Janzen, W. P., Gozani, O., Frye, et al
2012; 3 (1): 45-51
- **SIRT6 is required for maintenance of telomere position effect in human cells** *NATURE COMMUNICATIONS*
Tennen, R. I., Bua, D. J., Wright, W. E., Chua, K. F.
2011; 2
- **Trimethylation of histone H3 lysine 4 impairs methylation of histone H3 lysine 9 Regulation of lysine methyltransferases by physical interaction with their substrates** *EPIGENETICS*
Binda, O., Leroy, G., Bua, D. J., Garcia, B. A., Gozani, O., Richard, S.
2010; 5 (8): 767-775
- **Epigenome Microarray Platform for Proteome-Wide Dissection of Chromatin-Signaling Networks** *PLOS ONE*

Bua, D. J., Kuo, A. J., Cheung, P., Liu, C. L., Migliori, V., Espejo, A., Casadio, F., Bassi, C., Amati, B., Bedford, M. T., Guccione, E., Gozani, O.
2009; 4 (8)

● **The Return of the INGs, Histone Mark Sensors and Phospholipid Signaling Effectors** *CURRENT DRUG TARGETS*

Bua, D. J., Binda, O.
2009; 10 (5): 418-431

● **Aire employs a histone-binding module to mediate immunological tolerance, linking chromatin regulation with organ-specific autoimmunity** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*

Koh, A. S., Kuo, A. J., Park, S. Y., Cheung, P., Abramson, J., Bua, D., Carney, D., Shoelson, S. E., Gozani, O., Kingston, R. E., Benoist, C., Mathis, D.
2008; 105 (41): 15878-15883

PRESENTATIONS

- Genomic analyses of the tumor suppressor protein ING2 in response to stress - Society for Advancement of Chicanos and Native Americans in Science (SACNAS) National Conference (10/27/2011)
- Epigenome peptide microarrays facilitate molecular dissection of chromatin signaling networks - Gordon Research Conference: Signal Transduction within the Nucleus (4/1/2009)
- Genetic Interactions Between Lagging Strand DNA Replication Machinery and Cdc24p in Fission Yeast - Cold Spring Harbor Laboratory (8/26/2005)
- Interactions between Cdc24 and lagging strand DNA synthesis machinery: Cdc17 (DNA ligase I homolog) and Rad2 (FEN-1) homolog in *Schizosaccharomyces pombe* - 27th Annual Asilomar Chromatin and Chromosomes Conference (12/1/2005)