Nam Woo Cho, MD, PhD

Educational Background

Radiation Oncology Residency, University of California San Francisco (2018-2022)

Preliminary Medicine Internship, St. Mary's Medical Center, San Francisco (2017-2018)

M.D., Ph.D., University of Pennsylvania School of Medicine (2009-2017)

A.B., Harvard University (2004-2008)

Awards & Honors

Saul Winegrad Award for Outstanding Dissertation, 2016

Rose Meadow Levinson Memorial Prize, 2015

Howard Hughes Medical Institute International Student Research Fellowship, 2013-2015

Canadian Institutes of Health Research Doctoral Research Award 2013

Harvard Program for Research in Science and Engineering (PRISE) Award, 2008

Harvard College Research Program (HCRP) Award, 2008

The Weissman International Fellowship Award, 2007

Selected Publications, Abstracts and Posters

Peer Reviewed Publications:

Dilley, R. L., Verma, P., Cho, N. W., Winters, H. D., Wondisford, A. R. and Greenberg, R. A. **Break-Induced Telomere Synthesis Underlies Homology-Directed Telomere Maintenance.** (2016). Nature. 539:54-58

Cho N.W., Lampson, M.A. and Greenberg R.A. (2016). **In vivo imaging of DNA double-strand break induced telomere mobility during alternative lengthening of telomeres.** (2016). Methods. doi: 10.1016/j.ymeth.2016.07.010

Fishbein, L., Khare, S., Wubbenhorst B,. DeSloover D., D'Andrea K., Merrill S., Cho N.W., Greenberg R.A., Else T., Montone K., LiVolsi V., Fraker D., Daber R., Cohen D.L., Nathanson K.L. (2015). **Whole-exome sequencing identifies somatic ATRX mutations in pheochromocytomas and paragangliomas.** Nature Communications. 6:6140.

Cho, N. W., Dilley, R. L., Lampson, M. A., and Greenberg, R. A. (2014). **Interchromosomal Homology Searches Drive Directional ALT Telomere Movement and Synapsis.** Cell. 159(1):108-21.

Tang, J., Cho, N. W., Cui, G., Manion, E., Shanbhag, N., Botuyan, M., Mer, G., et al (2013). **Acetylation Limits 53BP1 Association with Damaged Chromatin to Promote Homologous Recombination.** Nature Structural and Molecular Biology. 20(3):317-25.

Byun, S., Choi, K., Park, S. H., Cho, N. W., Yoo, C. H., Yun, K. J., Koh, Y. J., et al (2007). **Cartilage oligometric matrix protein-angiopoietin-1 promotes revascularization through increased surviving expression in dermal endothelial cells of skin grafts in mice.** The American Journal of Pathology, 171(5), 1-9.

Reviews and Perspectives:

Cho, N. W. and Greenberg, R. A. (2015). DNA Repair: **Familiar Ends with Alternative Endings.** Nature.
518(7538):174-6.

Presentations and Posters:

Cho, N. W., Dilley, R. L., Lampson, M. A., and Greenberg, R. A. **Mechanisms of Interchromosomal**
Homology Searches During ALT Telomere Recombination. Poster presented at: Telomeres and
Telomerase meeting; 2015 April 28-May 2; Cold Spring Harbor Laboratory, NY.

Cho, N. W., Dilley, R. L., Lampson, M. A., and Greenberg, R. A. **Interchromosomal Homology Searches Drive Directional ALT Telomere Movement and Synapsis.** Poster presented at: Maintenance of Genome Stability Conference; 2014 Mar 3-6; St. Kitts, West Indies.

Cho, N. W., Dilley, R. L., Lampson, M. A., and Greenberg, R. A. **Interchromosomal Homology Searches Drive Directional ALT Telomere Movement and Synapsis.** Invited speaker at: NYAS Genome Integrity Discussion Group Meeting. 2013 Oct 7; New York, NY.

Tang, J., Cho, N. W., Cui, G., Manion, E., Shanbhag, N., Botuyan, M., Mer, G., et al (2013). **Acetylation Limits 53BP1 Association with Damaged Chromatin to Promote Homologous Recombination.** Poster presented at: Telomeres & Telomerase Meeting at Cold Spring Harbor Laboratory; 2013 Apr 30-May 4; Cold Spring Harbor, NY.

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