

## Associate Professor Norbert Lehming's Representative Publications

Mark M, Klein O, Zhang Y, Das K, Elbaz A, Hazan RN, Lichtenstein M, [Lehming N](#), Schuldiner M, Pines O (2023) Systematic Approaches to Study Eclipsed Targeting of Proteins Uncover a New Family of Mitochondrial Proteins. **Cells** 12:1550.

Zhang Y, Karmon O, Das K, Wiener R, [Lehming N](#), Pines O (2022) Ubiquitination Occurs in the Mitochondrial Matrix by Eclipsed Targeted Components of the Ubiquitination Machinery. **Cells** 11:4109.

Yip J, Wang S, Tan J, Lim TK, Lin Q, Yu Z, Karmon O, Pines O, [Lehming N](#) (2021) Fumarase affects the DNA damage response by protecting the mitochondrial desulfurase Nfs1p from modification and inactivation. **iScience** 24:103354.

Silas Y, Singer E, Das K, [Lehming N](#), Pines O (2021) A combination of Class-I fumarases and metabolites ( $\alpha$ -ketoglutarate and fumarate) signal the DNA damage response in *Escherichia coli*. **Proc Natl Acad Sci USA** 118:e2026595118.

Wang S, Ramamurthy D, Tan J, Liu J, Yip J, Chua A, Zhang Y, Lim TK, Lin Q, Pines O, [Lehming N](#) (2020) Post-translational Modifications of Fumarase Regulate its Enzyme Activity and Function in Respiration and the DNA Damage Response. **J Mol Biol** 432:6108-6126.

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Lim MK, Siew WL, Zhao J, Tay YC, Ang E and [Lehming N](#) (2011) Galactose Induction of the GAL1 gene requires conditional degradation of the Mig2 repressor. **Biochemical J.** 435: 641-649.

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Koh KW, [Lehming N](#) and Seah GT (2009) Degradation-resistant protein domains limit host cell processing and immune detection of mycobacteria. **Mol. Immunol.** 46:1312-1318.

Xiaowei Xue and [N Lehming](#) (2008) Nhp6p and Med3p regulate gene expression by controlling the local subunit composition of RNA polymerase II. **J. Mol. Biol.** 379: 212-230.

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