

Stanford

Yahli Lorch

Associate Professor (Research) of Structural Biology

Bio

ACADEMIC APPOINTMENTS

- Associate Professor (Research), Structural Biology

Publications

PUBLICATIONS

- **Histone Acetylation Inhibits RSC and Stabilizes the+1 Nucleosome.** *Molecular cell*
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- **Chromatin-remodeling for transcription** *QUARTERLY REVIEWS OF BIOPHYSICS*
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- **Chromatin-remodeling and the initiation of transcription** *QUARTERLY REVIEWS OF BIOPHYSICS*
Lorch, Y., Kornberg, R. D.
2015; 48 (4): 465-470
- **Role of DNA sequence in chromatin remodeling and the formation of nucleosome-free regions** *GENES & DEVELOPMENT*
Lorch, Y., Maier-Davis, B., Kornberg, R. D.
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- **Selective removal of promoter nucleosomes by the RSC chromatin-remodeling complex** *NATURE STRUCTURAL & MOLECULAR BIOLOGY*
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- **Mechanism of chromatin remodeling** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
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- **An Rtt109-Independent Role for Vps75 in Transcription-Associated Nucleosome Dynamics** *MOLECULAR AND CELLULAR BIOLOGY*
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- **Structure of a RSC-nucleosome complex and insights into chromatin remodeling** *NATURE STRUCTURAL & MOLECULAR BIOLOGY*
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- **Chromatin rules** *NATURE STRUCTURAL & MOLECULAR BIOLOGY*
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- **Chromatin remodeling by nucleosome disassembly in vitro** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
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- **Structural basis of eukaryotic gene transcription** *130th Nobel Symposium on Molecular Mechanisms in Biological Processes*
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- **Chromatin remodeling by DNA bending, not twisting** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Lorch, Y., Davis, B., Kornberg, R. D.
2005; 102 (5): 1329-1332
- **Isolation and assay of the RSC chromatin-remodeling complex from *Saccharomyces cerevisiae*** *CHROMATIN AND CHROMATIN REMODELING ENZYMES, PT C*
Lorch, Y., Kornberg, R. D.
2004; 377: 316-322
- **Electron microscopic analysis of the RSC chromatin remodeling complex** *CHROMATIN AND CHROMATIN REMODELING ENZYMES, PT B*
Asturias, F. J., Ezeokonkwo, C., Kornberg, R. D., Lorch, Y.
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- **Structural analysis of the RSC chromatin-remodeling complex** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
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- **Chromatin and transcription: where do we go from here.** *Current opinion in genetics & development*
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- **RSC unravels the nucleosome** *MOLECULAR CELL*
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Kornberg, R. D., Lorch, Y.
1999; 9 (2): 148-151
- **Histone octamer transfer by a chromatin-remodeling complex** *CELL*
Lorch, Y., Zhang, M., Kornberg, R. D.
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- **Activated RSC-nucleosome complex and persistently altered form of the nucleosome** *CELL*
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Cairns, B. R., Lorch, Y., Li, Y., Zhang, M. C., Lacomis, L., ERDJUMENTBROMAGE, H., Tempst, P., Du, J., Laurent, B., Kornberg, R. D.
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- **INTERPLAY BETWEEN CHROMATIN STRUCTURE AND TRANSCRIPTION** *CURRENT OPINION IN CELL BIOLOGY*
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- **ISOLATION OF THE YEAST HISTONE OCTAMER** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*

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- **CHROMATIN STRUCTURE AND TRANSCRIPTION** *ANNUAL REVIEW OF CELL BIOLOGY*
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1992; 8: 563-687
- **IRRESISTIBLE FORCE MEETS IMMOVABLE OBJECT - TRANSCRIPTION AND THE NUCLEOSOME** *CELL*
Kornberg, R. D., Lorch, Y.
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