

CURRICULUM VITAE AND BIBLIOGRAPHY

NAME: WENBO LI

PRESENT TITLE: ASSISTANT PROFESOR

WORK ADDRESS: MSB 6.178, 6431 Fannin Street, Houston, 77030, TX

BIRTHDATE: December 18, 1984

CITIZENSHIP: China

UNDERGRADUATE EDUCATION: Zhejiang University, China

GRADUATE EDUCATION: National University of Singapore, Singapore (Ph.D.)

POSTGRADUATE TRAINING: University of California, San Diego

MILITARY SERVICE (IF APPLICABLE): N.A.

ACADEMIC & ADMINISTRATIVE APPOINTMENTS: Assistant Professor, Department of Biochemistry and Molecular Biology, UT McGovern Medical School

HOSPITAL APPOINTMENTS: N.A.

LICENSURE: N.A.

CERTIFICATION: N.A.

PROFESSIONAL ORGANIZATIONS (AND COMMITTEES OF THESE):

LOCAL: N.A.
REGIONAL: N.A.
NATIONAL: N.A.

HONORS AND AWARDS:

2017-2020 NIH / NCI K22 Career Transitional Award
2016-2020 Cancer Prevention and Research Institute of Texas (CPRIT) Scholar
2016-2019 University of Texas Rising STARs Award
2012-2015 Breast Cancer Postdoctoral Fellowship Award, Department of Defense
2007-2008 President's Graduate Fellowship, National University of Singapore
2004-2008 Graduate Research Scholarship, National University of Singapore
2004 Excellent Graduation Thesis Award, Zhejiang University, China
2003 Liu Yong-Ling Scholarship Award, Zhejiang University, China
2001 Nation Scholarship Award, Zhejiang University, China
2001 Shen-Xiong Scholarship Award, Zhejiang University, China
2001-2003 Excellent Student Scholarship Award, Zhejiang University, China

EDITORIAL POSITIONS:

Reviewer for journals: Plos Genetics; Molecular and Cellular Biology (MCB); Journal of Molecular Biology; Stem Cells International

SERVICE ON NATIONAL GRANT REVIEW PANELS, STUDY SECTIONS, COMMITTEES:

N.A.

SERVICE ON THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON COMMITTEES:

N.A.

SERVICE ON THE UNIVERSITY OF TEXAS MEDICAL SCHOOL AT HOUSTON COMMITTEES:

N.A.

SERVICE ON GRADUATE SCHOOL COMMITTEES:

Graduate Student Thesis Committee:

2017/9 - Ruoyu Wang (Master Student, the University of Texas UTHealth and MD Anderson GSBS program)

2017/6 - Nhung Nyuen (PhD candidate, the Institute of Biotech Technology, Texas A&M University)

SERVICE ON UTMSH AFFILIATED HOSPITAL COMMITTEES:

SERVICE TO THE COMMUNITY:

SPONSORSHIP OF CANDIDATES FOR POSTGRADUATE DEGREE:

2017/9 - Ruoyu Wang (Master Student, the University of Texas UTHealth and MD Anderson GSBS program)

SPONSORSHIP OF POSTDOCTORAL FELLOWS:

2016/12 - Joo-Hyung Lee
2017/2 - Xiaoyu Zhu
2017/3 - Su-Pin Koh
2017/7 - Feng Xiong
2017/7 - Jiaofang Shao

CURRENT TEACHING RESPONSIBILITIES:

N.A.

MENTORING ACTIVITIES:

I have mentored 5 postdoctoral fellows, one postgraduate student, and one rotation graduate student currently. I held weekly individual meetings with each of these trainees to develop projects, review data and plan experiments. I also mentor them on presentation skills, how to develop new research ideas as well as proposal writing for grant application.

CURRENT CLINICAL SERVICE RESPONSIBILITIES:

N.A.

CURRENT GRANT SUPPORT: (include project title, P.I., funding agency, award period and amount)

Ongoing Research Support

1K22CA204468-01 (Li)	04/01/17-03/31/20	9.0 cal mos
NIH/NCI	\$150,000	

“Condensin-mediated enhancer and chromatin architectural control of breast cancer gene Transcription”

The goal of this project is to use genomic tools and computational methods to characterize a novel role of condensin complexes in dictating specific three-dimensional chromatin conformation and gene transcriptional programs in breast cancer cells, which may be important for breast cancer drug resistance.

RR160083 (Li)	12/01/16-11/30/20	1.2 cal mos
Cancer Prevention and Research Institute of Texas	\$409,615	

“CPRIT Recruitment of First-Time Tenure-Track Faculty Members”

This is a first time tenure-track faculty Recruitment Award to help establish a laboratory.

UT Rising STARS Award (Li)	10/15/16-10/14/19	0 cal mos
University of Texas	\$250,000 / all 3 years	

This is a part of the University of Texas system recruitment award to help establish a lab, only for instrument purchase.

PAST GRANT SUPPORT: (include project title, P.I., funding agency, award period and amount)

Completed Research Support

BC110381

03/01/12 – 03/01/15

Department of Defense: LI (PI)

\$300,000 / all 3 years

Transcriptome study of the estrogen signaling in breast cancer cells, with an emphasis on functional roles of enhancer non-coding RNAs

This study initially characterized the enhancer-coded transcriptome of breast cancer cells, as well as the roles and action mechanisms of several enhancer non-coding RNAs (eRNAs) in regulating the transcription of target coding genes via enhancer-promoter looping formation.

Role: PI/PD

PUBLICATIONS: (List ONLY those published or accepted for publication.
DO NOT INCLUDE PAPERS SUBMITTED FOR PUBLICATION
OR IN PREPARATION. Use the citation style noted below.
Separate the publications into the following categories.)

Date order should be oldest (first) to current (last)

A. Abstracts

B. Refereed Original Articles in Journals

1. Gao X*, Lee HY*, **Li W**, Platt RJ, Barrasa MI, Ma Q, Elmes RR, Rosenfeld MG, Lodish HF. Thyroid hormone receptor beta and NCOA4 regulate terminal erythrocyte differentiation. **Proc. Natl. Acad. Sci. USA.** 114(38):10107-10112. doi: 10.1073/pnas.1711058114. (2017).

2. Yang F, Ma Q, Liu Z, **Li W**, Tan Y, Jin C, Ma W, Hu Y, Shen J, Ohgi KA, Telese F, Liu W, Rosenfeld MG. Glucocorticoid Receptor:MegaTrans Switching Mediates the Repression of an ER α -Regulated Transcriptional Program. **Molecular Cell.** 66(3):321-331.e6. doi: 10.1016/j.molcel.2017.03.019. (2017).

C. Invited Articles (Reviews, Editorials, etc.) in Journals

D. Chapters

E. Books

F. Other Professional Communications

1. Presentations (by local, regional, national, international)

Local:

2017/04/29

SCBA-TX Annual Symposium, Houston, TX

2. Non-refereed Publications

3. Letters to the Editor

4. Scientific Exhibits

- 5. Videos
- 6. Other
- G. Visiting Professorships

Style for citations should be:

Berson, S.A., and Yalow, R.S.: Quantitative aspects of the reaction between insulin and insulin-binding antibody. J. Clin. Invest. 38:1996-2016, 1959.

Note:

1. All authors must be listed in the originally published order.
2. Provide inclusive pagination.
3. Book chapters should provide authors and title of chapter as well as editor(s) and title of book, publisher, city, year and inclusive pagination.