

## Curriculum Vitae

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**Name: WANG, Huating**

**Academic Qualifications:**

2004 Ph.D. The Ohio State University, USA

1996 B.S. Nanjing University, China

**Previous academic position held:**

2004 – 2008 Postdoctoral Fellow, Ohio State University, USA.

**Present Position:**

2015-present Associate Professor, LiHS/Dept of Orthopedics and Traumatology, CUHK

2014-2015 Assistant Professor, LiHS/Dept of Orthopedics and Traumatology, CUHK

2009-2014 Assistant Professor, LiHS/Dept of Obstetrics & Gynecology, CUHK

**Ten Selected Publications (PI/CoPIs are highlighted; \* Corresponding author)**

1. Zhu H, Xiao F, Wang G, Wei X, Jiang L, Chen Y, Zhu L, Wang H, Diao Y, **Wang H**, Ip NY, Cheung TH, **Wu Z\***. STAT3 Regulates Self-Renewal of Adult Muscle Satellite Cells during Injury-Induced Muscle Regeneration. *Cell Rep.* 2016 Aug 23;16(8):2102-15.
2. Zhou L, Sun K, Zhao Y, Zhang S, Wang X, Li Y, Lu L, Chen X, Chen F, Bao X, Zhu X, Wang L, Tang LY, **Esteban MA**, Wang CC, Jauch R, **Sun H\***, and **Wang H\***. Linc-YY1, a novel functional long non-coding RNA in myogenic differentiation and muscle regeneration. *Nature Communications.* 2015 Dec. 2015.
3. Wang L, Zhao Y, Bao X, Zhu X, Kwok YK, Sun K, Chen X, Huang Y, Jauch R, **Esteban MA**, **Sun H**, **Wang H\***. LncRNA Dum interacts with Dnmts to regulate Dppa2 expression during myogenic differentiation and muscle regeneration. *Cell Research.* 2015 Feb. 25:335–350.
4. Liu L, Xu Y, He M, Zhang M, Cui F, Lu L, Yao M, Tian W, Benda C, Zhuang Q, Huang Z, Li W, Li X, Zhao P, Fan W, Luo Z, Li Y, Wu Y, Hutchins AP, Wang D, Tse HF, Schambach A, Frampton J, Qin B, Bao X, Yao H, Zhang B, **Sun H**, Pei D, **Wang H**, Wang J, **Esteban MA\***. Transcriptional Pause Release Is a Rate-Limiting Step for Somatic Cell Reprogramming. *Cell Stem Cell.* 2014 Oct 8. pii: S1934-5909(14)00450-0.
5. Zhao Y, Yang Y, Trovik J, Sun K, Zhou L, Jiang P, Lau TS, Hoivik EA, Salvesen HB, **Sun H**, and **Wang H\***. A Novel Wnt Regulatory Axis in Human Endometrioid Endometrial Adenocarcinoma. *Cancer Research* 2014 Sep 15;74(18):5103-17.
6. Sun K, Zhao Y, **Wang H**, and **Sun H\***. Sebnif: An Integrated Bioinformatics Pipeline for the Identification of Novel Large Intergenic Noncoding RNAs (lincRNAs) -Application in Human Skeletal Muscle Cells, *PLoS One* , 2014 9(1):e84500.
7. Sun K, Chen X, Jiang P, Song X, **Wang H\***, and **Sun H\***. iSeeRNA: identification of long intergenic non-coding RNA transcripts from transcriptome sequencing data, *BMC Genomics* 2013.14 Suppl 2, S7.

8. Lu L, Sun K, Chen X, Zhao Y, Wang L, Zhou L, **Sun H\***, and **Wang H\***. Genome-wide survey by ChIP-seq reveals YY1 regulation of lincRNAs in skeletal myogenesis, *EMBO J* 2013. 32, 2575-2588.
9. Wang L, Zhou L, Jiang P, Lu L, Chen X, Lan H, Guttridge DC, **Sun H**, and **Wang H\***. Loss of miR-29 in myoblasts contributes to dystrophic muscle pathogenesis, *Molecular Therapy* 2012. 20, 1222-1233.
10. Diao Y, Guo X, Li Y, Sun K, Lu L, Jiang L, Fu X, Zhu H, **Sun H**, **Wang H**, **Wu Z\***. Pax3/7BP, a novel Pax3/7-binding protein that regulates the proliferation of muscle precursor cells by an epigenetic mechanism. *Cell Stem Cell* 2012. Aug 3;11(2):231-41.

#### **Awards**

1. 2016 SH Ho Visiting Professorship, CUHK
2. 2006 NIH Ruth L. Kirschstein National Research Service Award, USA
3. 2004 OSU Cancer Center Postdoctoral Fellowship, USA
4. 2003 Participation Support Award for Symposium on Antiviral Drug Resistance, USA
5. 2002 OSU Graduate and Postgraduate Research Day Award, USA
6. 2001 Professional Development Fellowship, OSU, USA

#### **Professional membership:**

1. 2016- present Member of the International Human Epigenome Consortium (IHEC), The Hong Kong Epigenomics Project
2. 2015-present Board member of Epigenetics Society

#### **Graduate students trained:**

10 Ph.D.; 2 M.Sc.