

RESUMEDS, PH.D.

🏠 8888 ALVARADO STREET, LOS ANGELES, CALIFORNIA 90026
☎ 234.567.8888 📞 234.567.8888 ✉ CONTACT@RESUMEDS.COM

SENIOR SCIENTIST | PRINCIPAL SCIENTIST

Detail-oriented, focused, and seasoned professional with proven track record in translational research in hematology and oncology, telomere biology and aging, biomarker discovery and development, molecular and cell biology, and stem cell biology. Possess a keen eye for detail, analytical problem-solving aptitude, and out-of-box thinking proficiency to formulate scientific and technological innovations. Exemplify adeptness in motivating group dynamics, as well as in performing with and leading high-caliber teams of professionals. Known for articulate communication, negotiation, and interpersonal proficiencies to establish positive and long-term working relationships with diverse individuals and organizations. Showcase bilingual fluency in English and Chinese; as well as technical proficiency with Microsoft Office Suite, Adobe Photoshop, FlowJo, and Telo-FISH.

□ EDUCATION

Doctor of Philosophy in Molecular Medicine, Hematology, 2004

SHANGHAI JIAOTONG UNIVERSITY SCHOOL OF MEDICINE ▪ SHANGHAI, CHINA

Master of Science in Molecular Medicine, Hematology, 2001

SHANGHAI JIAOTONG UNIVERSITY SCHOOL OF MEDICINE ▪ SHANGHAI, CHINA

Bachelor of Science in Medical Laboratory Tests and Analysis, 1995

SHANGHAI JIAOTONG UNIVERSITY SCHOOL OF MEDICINE ▪ SHANGHAI, CHINA

□ RESEARCH EXPERIENCE

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Senior Research Associate

2010–Present

- Meticulously examine pathogenic mutations of the *DKC1* gene by using induced pluripotent stem cells (iPS) from patients with Dyskeratosis Congenita (DC)
- Facilitate research to examine the clinical rescue effect of a peptide-based molecular (GSE24.2) on DC cells.
- Conduct research and tests to evaluate various antioxidants in relation to preventing growth impairment by mutant dyskerin
- Initiate tests on a mouse embryonic fibroblast cells with mutant *DKC1* gene after knock out the endogenous *DKC1* gene and examining the pathogenesis of *DKC1* mutations
- Identify a prospect hematopoietic stem cell marker *Lgr5* which may impact DC pathogenesis, as well as an RPA protein complex which play a notable role in telomere maintenance
- Provide strategic leadership to junior postdoctoral fellow and laboratory technicians, including training innovative techniques in managing comprehensive researches
- Exhibit keen expertise in active translational research on bone marrow failure and telomere biology

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Post-Doctoral Research Associate

2005–2010

- Worked in partnership with Geron™ to formulate telomerase activator and gauge its impact on DC mouse and cell models
- Exemplified remarkable talents in performing translational research through cultured cells and mice with *DKC1* mutations to demonstrate that antioxidant can enhance relative growth efficiency of cells causing DC
- Designed several DC mice models and studies to identify the process from short telomeres to bone marrow failure
- Rendered expert oversight to technician and graduate student activities, including various research projects
- Earned recognition for receiving the American Society of Hematology Scholar Award

EARLIER CAREER:

RESUMEDS ▪ LOS ANGELES, CA, USA

(1995–2009)

Research Associate

1995–2001

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☐ MENTORING EXPERIENCE

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(1995–2009)

Associate Professor

2004–2009

- Functioned as the principal investigator and project leader for various research initiatives in hematology and oncology, maintaining a proven track record of published research findings and reputation as an international subject matter expert
- Determined the *NUP98/HOXC11* and *NUP98/IQCG* fusion gene biomarkers in acute myeloid leukemia (AML) patients, providing a stepping stone for the diagnosis and treatment of AML patients
- Actively participated in external academic initiatives, including meeting with committees and journal editors and delivering research papers at conferences
- Educated students in formulating a real-time RT/PCR detection method and *BCR-ABL* transcript quantification in patients with chronic myeloid leukemia (CML)
- Mentored students to illustrate the ability of *NUP98* fusion genes to have aberrant trans-regulatory activity, which helped identify the mechanism of AML
- Directed a team in designing a real-time PCR method to swiftly detect SARS virus in patients
- Played a notable role in systematic clinical trials to assess the clinical efficacy of the combined use of all arsenic trioxide (As₂O₃) and all-trans retinoic acid (ATRA) for newly-diagnosed and relapsed acute promyelocytic leukemia (APL) patients

EARLIER POSITION HELD:

Assistant Professor

2001–2004

☐ AWARDS AND HONORS

- 2010 American Society of Hematology (ASH) Scholar Award
- 2009 American Society of Hematology (ASH) Travel Award
- 2008 Shanghai Excellent Young Teachers (China)
- 2007 American Association for Cancer Research (AACR) Scholar-in-Training Awards
- 2006 Shanghai Scientific and Technological Progress Prize (China)
- 2006 American Society of Hematology (ASH) Travel Award
- 2006 Shanghai Science and Education Award for Technological Innovation System of Young Scientist (China)
- 2006 National Excellent Doctoral Dissertation Award (China)
- 2003 Shanghai Rising Star Award (China)
- 2003 Shanghai-Unilever Research and Development Fund Scholarship (China)
- 2002 Life Science Award, MEIJI Dairies Corp. (China)

☐ PROFESSIONAL AFFILIATIONS

Membership

- 2013–Present *Associate Member*, Faculty 1000
- 2009–Present *Member*, American Society of Hematology (ASH)
- 2009–Present *Member*, RNA Society

Reviewer

- 2011–Present *Reviewer*, The Biochemical Journal
- 2010–Present *Reviewer*, Molecular Carcinogenesis
- 2010–Present *Reviewer*, Journal of Hematology and Oncology
- 2010–Present *Reviewer*, Journal of Experimental Hematology
- 2010–Present *Reviewer*, Medical Oncology
- 2010–Present *Reviewer*, Journal of Experimental and Clinical Cancer Research
- 2010–Present *Reviewer*, Frontiers of Medicine
- 2009–Present *Reviewer*, Leukemia Research

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2008–Present *Reviewer*, Chinese Journal of Hematology
2008–Present *Reviewer*, The Kay Kendall Leukemia Foundation
2006–Present *Reviewer*, National Science Foundation of China (NSFC)
2011 *Abstracts Coordinating Reviewer*, American Society of Hematology Annual Meeting
2010 *Abstracts Reviewer*, American Society of Hematology Annual Meeting
2010 *Session Chair*, American Society of Hematology Annual Meeting

☐ ARTICLES IN JOURNALS

ResuMeds, R.M., **ResuMeds, R.M.**, ResuMeds, R.M., ResuMeds, R.M., ResuMeds, R.M., ResuMeds, R.M., ... ResuMeds, R.M. (2006). Trans-repressive effect of NUP98-PMX1 on PMX1-regulated c-FOS gene through recruitment of histone deacetylase 1 by FG repeats. *Cancer Research*, 66, 4584–4590.
ResuMeds, R.M., ResuMeds, R.M., **ResuMeds, R.M.**, and ResuMeds, R.M. (2007). Dysfunctional telomeres and dyskeratosis congenital. *Haematologica*, 92, 3414–3423.
ResuMeds, R.M. and ResuMeds, R.M. (2010). A new potential anti-leukemia drug from a tropical plant. *Leukemia Research*, 34(11), 1420–1421.
ResuMeds, R.M. and ResuMeds, R.M. (2013). Telomere 3' overhang and disease. *Leukemia and Lymphoma*, 54, 1347–1348.
ResuMeds, R.M. and ResuMeds, R.M. (2000). Molecular mechanism of the IgH associated chromosomal translocation in Multiple Myeloma. *Chinese Journal of Hematology*, 21, 614–616.

☐ BOOK CHAPTERS

ResuMeds, R.M. (2002a). Pharmacogenomics and leukemia. In Chen, S.J. (Ed.), *The basic technology in human genome research* (p76-83; 131-142). Beijing, China: People's Medical Publishing.
ResuMeds, R.M. (2002b). The molecular biology of leukemia. In S.M. Xiong (Ed.), *MICM typing diagnosis of acute leukemia* (p126-142). Beijing, China: People's Medical Publishing.
ResuMeds, R.M. (2003). Pharmacogenomics and leukemia. In S.M. Xiong (Ed.), *Diagnosis of hematological malignancies* (p45-50). Shanghai, China: Shanghai Science and Technology Publishing.

☐ PRESENTATIONS

Oral Presentation

ResuMeds, R.M. (2005). *Nucleoporin related human leukemia: Aberrant transcriptional regulation and complex mechanism of pathogenesis caused by fusion between distinct homeobox genes and nup98 gene*. Croucher Advanced Study Institute “Molecular Genetics and Cell Signaling in Cancers”, Hong Kong, China.
ResuMeds, R.M. (2013). *Towards an iPS cell model of X-linked dyskeratosis congenital*. 2nd Oriental Congress of Pediatrics (OCP) and the 10th Jiangsu-Zhejiang-Shanghai Pediatric Conference, Shanghai, China.
ResuMeds, R.M., ResuMeds, R.M., ResuMeds, R.M., and ResuMeds, R.M. (2004). *Nucleoporin related human leukemia: Aberrant transcriptional regulation and complex mechanism of pathogenesis caused by fusion between distinct homeobox genes and nup98 gene*. The Xth Congress of the International Society of Hematology, Asian-Pacific. Nagoya, Japan
ResuMeds, R.M., ResuMeds, R.M., and ResuMeds, R.M. (2007). *Telomerase dependent growth impairment and enhanced DNA damage response due to Dkc1 mutation in mice*. AACR Special conference The Role of Telomeres and Telomerase in Cancer Research, San Francisco, USA.
ResuMeds, R.M., ResuMeds, R.M., ResuMeds, R.M., and ResuMeds, R.M. (2009). *DNA damage accumulation accelerated hematopoietic stem cell aging and partial reversal by antioxidant treatment in a mouse model of dyskeratosis congenital*. ASH Annual Meeting, New Orleans, USA.

☐ PATENTS

ResuMeds, R.M., ResuMeds, R.M., ResuMeds, R.M., and ResuMeds, R.M. (1999). *Patent No. WO1999036526 A1*. Wanchai, Hong Kong: China Patent Agent, Ltd.
ResuMeds, R.M., ResuMeds, R.M., ResuMeds, R.M., and ResuMeds, R.M. (1999). *Patent No. WO1999062951 A1*. Wanchai, Hong Kong: China Patent Agent, Ltd.