

Curriculum Vitae

GUOLEI ZHOU, Ph.D.

Arkansas State University
Department of Biological Sciences
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EDUCATION

Tottori University; Tottori, JAPAN
Ph.D. Biochemistry and Molecular Biology 10/1995 - 03/2000

Shimane University; Matsue, JAPAN
M.S. Life Science and Biotechnology 10/1993 - 09/1995

Beijing Agricultural University (renamed as: China Agricultural University); Beijing, CHINA
M.S. Genetics and Plant Breeding 09/1987 - 07/1990

Beijing Agricultural University; Beijing, CHINA
B.S. Genetics and Plant Breeding 09/1983 - 07/1987

ACADEMIC APPOINTMENTS

Department of Biological Sciences, Arkansas State University; State University, AR
Professor of Cell Biology 07/2021 – Present

Department of Biological Sciences, Arkansas State University; State University, AR
Associate Professor of Cell Biology (with tenure) 07/2016 - 06/2021

Department of Biological Sciences, Arkansas State University; State University, AR
Assistant Professor of Cell Biology 08/2010 – 06/2016

Department of Pharmacology, University of Pennsylvania School of Medicine; Philadelphia, PA
Senior Research Investigator 09/2006 - 08/2010

Department of Pharmacology, University of Pennsylvania School of Medicine; Philadelphia, PA
Associate Research Scientist 09/2003 - 08/2006

Department of Pharmacology, University of Pennsylvania School of Medicine; Philadelphia, PA
Postdoctoral Fellow 06/2000 - 08/2003

Tianjin Academy of Agricultural Sciences, Tianjin, China
Research Scientist and Deputy Group Leader 08/1990 - 10/1993

EXTERNAL RESEARCH SUPPORT

Active Research Support

Arkansas Breast Cancer pilot grant; Zhou, Guolei (PI); 09/01/2022-08/31/2024; \$50,000.
Title: CAP1 mediates cAMP signals in the cell type-specific regulation of breast cancer cell proliferation

1R15GM134488-01 (NIH R15 AREA grant); Zhou, Guolei (PI); 08/01/2019-07/31/2023; \$419,190.
Title: Phosphor-regulation of CAP1 functions in cell adhesion and migration

Completed Research Support

P20GM103429; Research Development Grant (Subaward) from NIGMS/AR INBRE; Zhou, Guolei (PI); 01/01/2018-04/30/2020; \$328,366.

Title: Cell signaling that underlies the CAP1 functions in breast cancer.

P20GM103429; Research Development Grant (Subaward) from NIGMS/AR INBRE; Zhou, Guolei (PI); 05/01/2015-12/31/2017; \$360,400.

Title: Roles of CAP1 and its phosphor-regulation in pancreatic cancer

NIH/INBRE Summer Faculty Fellowship; Zhou, Guolei (PI); 05/19/2013-12/31/2013; \$25,645. Title: The actin-regulating protein CAP1 in the invasiveness of pancreatic cancer

Arkansas Breast Cancer Research Program Pilot Grant; Zhou, Guolei (PI); 07/01/2012-06/30/2014; \$75,000.

Title: Deregulation of the Actin-Regulating Protein CAP1 in the Invasiveness of Breast Cancer

NIH/INBRE Research Grant (Partnership for Biomedical Research in AR); Zhou, Guolei (PI); 05/15/2012-12/31/2012; \$5,000.

Title: GSK3 phosphorylates CAP1 to promote the invasiveness of pancreatic cancer

National Scientist Development Grant (0630394N; American Heart Association); Zhou, Guolei (PI); 01/01/2006-12/31/2009; \$260,000.

Title: Roles of CAPs (adenylyl Cyclase-Associated Proteins) in cell survival

PUBLICATIONS

The complete list of my published work can be found in My Bibliography here:

<https://www.ncbi.nlm.nih.gov/myncbi/guolei.zhou.1/bibliography/48055318/public>