

## Asst. Prof. SİBEL SARI

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-2505-5804

### Education Information

Doctorate, University College London, Cancer Institute, Cancer Biology, England 2016 - 2021

Postgraduate, Sakarya University, School Of Medicine, Department Of Basic Medical Sciences, Turkey 2013 - 2015

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Biyoloji A.B.D., Turkey 2010 - 2014

Undergraduate, Ankara University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2006 - 2010

### Research Areas

Health Sciences, Natural Sciences

### Academic Titles / Tasks

Assistant Professor, Abdullah Gul University, Yaşam Ve Doğa Bilimleri Fakültesi, Moleküler Biyoloji Ve Genetik, 2022 - Continues

Lecturer PhD, Abdullah Gul University, Yaşam Ve Doğa Bilimleri Fakültesi, Moleküler Biyoloji Ve Genetik, 2021 - 2022

Research Assistant, Sakarya University, School Of Medicine, Department Of Basic Medical Sciences, 2013 - 2015

### Courses

Health and Sustainability , Undergraduate, 2022 - 2023

Science and Ethics, Undergraduate, 2021 - 2022

SPECIAL TECHNIQUES AND APPLICATIONS IN MOLECULAR BIOLOGY , Undergraduate, 2022 - 2023

Biomolecules, Undergraduate, 2021 - 2022

### Published journal articles indexed by SCI, SSCI, and AHCI

- SHOC2 complex-driven RAF dimerization selectively contributes to ERK pathway dynamics**  
del Rio I. B., Young L. C., Sari S., Jones G. G., Ringham-Terry B., Hartig N., Rejnowicz E., Lei W., Bhamra A., Surinova S., et al.  
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol.116, no.27, pp.13330-13339, 2019 (SCI-Expanded)
- SHOC2 phosphatase-dependent RAF dimerization mediates resistance to MEK inhibition in RAS-mutant cancers**

Jones G. G., del Rio I. B., Sari S., Sekerim A., Young L. C., Hartig N., Zubiaur I. A., El-Bahrawy M. A., Hynds R. E., Lei W., et al.

NATURE COMMUNICATIONS, vol.10, 2019 (SCI-Expanded)

III. **SHOC2-MRAS-PP1 complex positively regulates RAF activity and contributes to Noonan syndrome pathogenesis**

Young L. C., Hartig N., del Rio I. B., Sari S., Ringham-Terry B., Wainwright J. R., Jones G. G., McCormick F., Rodriguez-Viciano P.

PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol.115, no.45, 2018 (SCI-Expanded)

IV. **An investigation of the mutagenic activity of salamide - a major impurity of hydrochlorothiazide**

EMERCE E., ÇOK İ., Sari S., Bostanci O.

TOXICOLOGY MECHANISMS AND METHODS, vol.26, no.9, pp.644-649, 2016 (SCI-Expanded)

## Articles Published in Other Journals

I. **Aurora Kinases: Their Role in Cancer and Cellular Processes**

Sarı S., Ozsoy E. R.

Türk Doğa ve Fen Dergisi, vol.13, no.2, pp.128-139, 2024 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

I. **Exploring the Impact of Pan-AURKs and Selective AURKB Inhibitors on Non-Small Cell Lung Cancer**

Sarı S., Ozsoy E. R.

6th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 11 - 13 October 2023, pp.131

II. **Analysis of Blood Chemistry Changes after Systemic SHOC2 Inactivation in Adult Mice**

Sarı S., Rodriguez-Viciano P.

6th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 11 - 13 October 2023, pp.302

III. **The Role of Aurora Kinases in Human Colorectal Cancer**

Sarı S., Ozsoy E. R.

6th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 11 - 13 October 2023, pp.130

IV. **Assessing the Impact of Shoc2 on Hair Growth Cycle**

Sarı S., Rodriguez-Viciano P.

6th International Eurasian Conference on Biological and Chemical Sciences, 11 - 13 October 2023, pp.135

V. **Investigation of ex vivo Shoc2 Ablation in Murine Keratinocytes**

Sarı S., Rodriguez-Viciano P.

4th International Eurasian Conference on Science, Engineering and Technology, Ankara, Turkey, 14 - 16 December 2022, pp.206

VI. **Physiological Role of Shoc2 in Skin Homeostasis**

Sarı S., Akarca A., Marafioti T., Rodriguez-Viciano P.

5th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 23 - 25 November 2022, pp.1707

VII. **Effect of Shoc2 Elimination in Urinary Bladder Function**

Sarı S., Rodriguez-Viciano P.

5th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 23 - 25 November 2022, pp.1706

VIII. **The SHOC2 phosphatase complex as a therapeutic target for ERK-pathway inhibition in RAS-driven**

**tumors.**

Jones G. G., Del Rio I. B., Sari S., Sekerim A., Young L. C., Hartig N., El-Bahrawy M. A., Molina-Arcas M., Downward J., Rodriguez-Viciano P.

AACR Special Conference on Targeting RAS-Driven Cancers, California, United States Of America, 9 - 12 December 2018, vol.18, pp.65-66

**IX. Conditional inactivation of SHOC2 in adult mice to study its role in tissue homeostasis.**

Sari S., del Rio I. B., Jones G., Henry J., Peltzer M. D. L. N. A., Posor Y., Quezada S., Rodriguez-Viciano P.

AACR Special Conference on Targeting RAS-Driven Cancers, California, United States Of America, 9 - 12 December 2018, vol.18, pp.41

**X. Selective contribution of the SHOC2 phosphatase complex to ERK pathway dynamics highlights its potential as a therapeutic target.**

del Rio I. B., Young L. C., Sari S., Jones G. G., Bhamra A., Surinova S., Rodriguez-Viciano P.

AACR Special Conference on Targeting RAS-Driven Cancers, California, United States Of America, 9 - 12 December 2018, vol.18, pp.32

## **Metrics**

Publication: 16

Citation (WoS): 85

Citation (Scopus): 127

H-Index (WoS): 3

H-Index (Scopus): 3