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Personal Information

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International Researcher IDs

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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