

# **Prof. SREEPARNA BANERJEE**

## **Personal Information**

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## **Education Information**

Doctorate, University Of Leeds, Gıda Bilimleri, United Kingdom 1998 - 2002

Post Graduate, University Of Leeds, Gıda Bilimleri, United Kingdom 1997 - 1998

Under Graduate, Fizyoloji, India 1994 - 1997

## **Foreign Languages**

English, C2 Proficiency

## **Research Areas**

Life Sciences, Molecular Biology and Genetics, Molecular Biology of Cancer, Natural Sciences

## **Academic Titles / Tasks**

Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, 2012 - Continues

## **Professional Experience**

Ethics Committee Member, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, 2015 - Continues

## **Courses**

BIOLOGY 2, Under Graduate, 2019 - 2020

Molecular Biology Laboratory, Under Graduate, 2019 - 2020

Cell Biology Laboratory, Under Graduate, 2019 - 2020

## **Advising Theses**

BANERJEE S., Synthetic biology approach for the design of butyrate producing bacteria for colon cancer therapy, Post Graduate, C.Burak(Student), 2019

Erel Göktepe İ., Banerjee S., A comparison on protein, bacterial anti-adhesive and anti-bacterial properties of zwitterionic block copolymer micelle containing ultra-thin films of varying compositions, Post Graduate, S.ULUSAN(Student), 2019

BANERJEE S., Role of butyrate in post-transcriptional regulation of inflammatory genes by regulating RNA binding proteins, Post Graduate, A.Torun(Student), 2019

YILMAZ A., BANERJEE S., Surface and modification of LP-SBA-15 with polyethyleneimine for celecoxib delivery, Post Graduate, A.FARID(Student), 2017

BANERJEE S., The effect of 15-lipoxygenase-1 (15-LOX-1) on angiogenesis in colorectal and prostate cancer, Post Graduate, M.ÇOLAKOĞLU(Student), 2017

Erel Göktepe İ., Banerjee S., Hydrogen-bonded layer-by-layer films of poly(d,l-lactic-co-glycolic acid)-b-poly(ethylene glycol) polymersomes and tannic acid, Post Graduate, G.ÇALIŞ(Student), 2017

BANERJEE S., ERSON BENSAN A. E. , Alternative polyadenylation in a differentiation model: Caco-2, Post Graduate, O.BEĞİK(Student), 2017

BANERJEE S., The functional effects of AKR1B10 overexpression in colorectal cancer cell lines, Post Graduate, E.GÜLCE(Student), 2017

BANERJEE S., Effects of quercetin serivative CHNQ, a potent aldo-keto reductase inhibitor, on AKR1B1 silenced HCT-116 colorectal cancer cells, Post Graduate, B.TAŞKOPARAN(Student), 2016

BANERJEE S., ÖZEN C., Induction of apoptosis and cell cycle arrest on u266 multiple myeloma cell line by prochlorperazine, Post Graduate, H.HAZAL(Student), 2016

BANERJEE S., Effects of the quercetin derivative CHNQ, a potent aldo- keto reductase inhibitor, on akr1b1 silenced HCT-116 colorectal cancer cells, Post Graduate, B.Taşkoparan(Student), 2016

Erel Göktepe İ., Banerjee S., Effects of 15-lipoxygenase-1 on the angiogenic properties of colorectal cancer cell line SW480, Post Graduate, C.YENER(Student), 2016

BANERJEE S., Investigation of the effect of sodium butyrate on the regulation of cyclooxygenase-2 in colon cancer cell lines CACO-2 and HT-29, Post Graduate, D.HAZAR(Student), 2015

BANERJEE S., KESKİN D., Celecoxib delivery with epidermal growth factor receptor-targeted immunoliposomes for cancer therapy / , Post Graduate, Y.DWI(Student), 2015

BANERJEE S., Investigation of the molecular pathways involved in intestinal epithelial differentiation, Doctorate, A.Sade(Student), 2014

BANERJEE S., EVİS Z., Selenium doped calcium phosphate biomimetic coating on Ti6Al4V orthopedic implant material for anti-cancer and anti-bacterial purposes, Doctorate, B.YILMAZ(Student), 2014

BANERJEE S., Investigation of antioxidant properties and anticarcinogenic effects of ethanolic extract from bark of salix aegyptiaca and its fractions, Post Graduate, M.Şeyma(Student), 2014

SEVERCAN F., BANERJEE S., Molecular characterization of the effects of valdecoxib on colon cancer cell lines (ht29 & sw620) using ATR-FTIR spectroscopy, Post Graduate, A.İnan(Student), 2014

BANERJEE S., Structural and functional effects of non-steroidal anti-inflammatory drugs Rofecoxib and Valdecoxib on DSPC model membranes, Post Graduate, R.RACHKAUSKAS(Student), 2014

BANERJEE S., Anticarcinogenic effects of the ethanolic extract from salix aegyptiaca l. in colon cancer, involvement of akt pathway, Doctorate, S.Enayat(Student), 2013

SEVERCAN F., BANERJEE S., Macromolecular characterization of adipose tissues in inbred obese mouse models, Post Graduate, İ.Şen(Student), 2012

BANERJEE S., Investigation of the effect of sodium butyrate induced differentiation on inflammatory pathways in colon cancer cells, Post Graduate, M.Küçükdemir(Student), 2012

BANERJEE S., The Mechanism of anti tumorigenic effects of 15-lox-1 in colon cancer, Doctorate, İ.Çimen(Student), 2012

SEVERCAN F., BANERJEE S., Investigation of drug-related changes on bone tissues of rat animal models in healthy and disease states, Doctorate, Ş.Garip(Student), 2012

BANERJEE S., ÇORUH N., Association of the CYP2E1, FMO3,NQO1,GST,NOS3 genetic polymorphisms with ischemic stroke risk in Turkish population, Doctorate, A.Özçelik(Student), 2011

BANERJEE S., interaction of the non steroidal anti-inflammatory drug celecoxib with pure and cholesterol-containing model membranes, Post Graduate, A.Sade(Student), 2009

BANERJEE S., Functional characterization of 15-lipoxygenase-1 expression in human colorectal carcinoma cell line ht-29, Post Graduate, S.Tunçay(Student), 2009

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Core/shell type, Ce<sup>3+</sup> and Tb<sup>3+</sup> doped GdBO<sub>3</sub> system: Synthesis and Celecoxib drug delivery application**  
Akman P., ULUSAN S., BANERJEE S., YILMAZ A.  
Microporous and Mesoporous Materials, vol.308, 2020 (Journal Indexed in SCI)
- II. **Evaluation of an aldo-keto reductase gene signature with prognostic significance in colon cancer via activation of epithelial to mesenchymal transition and the p70S6K pathway**  
Canlı S. D. , Seza E. G. , Sheraj I., Gomceli I., Turhan N., Carberry S., Prehn J. H. M. , GÜRE A. O. , BANERJEE S.  
CARCINOGENESIS, vol.41, no.9, pp.1219-1228, 2020 (Journal Indexed in SCI)
- III. **Low-dose curcumin reduced TNBS-associated mucin depleted foci in mice by scavenging superoxide anion and lipid peroxides, rebalancing matrix NO synthase and aconitase activities, and recoupling mitochondria**  
Mouzaoui S., BANERJEE S., Djerdjouri B.  
INFLAMMOPHARMACOLOGY, vol.28, no.4, pp.949-965, 2020 (Journal Indexed in SCI)
- IV. **Enhanced expression of HNF4 alpha during intestinal epithelial differentiation is involved in the activation of ER stress**  
Tuncer S., Sade-Memisoglu A., Keskus A. G. , Sheraj I., GÜNER G., AKYOL A., BANERJEE S.  
FEBS JOURNAL, vol.287, no.12, pp.2504-2523, 2020 (Journal Indexed in SCI)
- V. **Tumor-derived exosomes in the regulation of macrophage polarization**  
Baig M. S. , Roy A., Rajpoot S., Liu D., Savai R., BANERJEE S., Kawada M., Faisal S. M. , Saluja R., Saqib U., et al.  
INFLAMMATION RESEARCH, vol.69, no.5, pp.435-451, 2020 (Journal Indexed in SCI)
- VI. **15-LOX-1 has diverse roles in the resensitization of resistant cancer cell lines to doxorubicin**  
Kazan H. H. , Urfali-Mamatoglu C., Yalcin G. D. , Bulut O., Sezer A., BANERJEE S., GÜNDÜZ U.  
JOURNAL OF CELLULAR PHYSIOLOGY, vol.235, no.5, pp.4965-4978, 2020 (Journal Indexed in SCI)
- VII. **Butyrate mediated regulation of RNA binding proteins in the post-transcriptional regulation of inflammatory gene expression**  
Torun A., Enayat S., Sheraj I., Tuncer S., Ulgen D. H. , BANERJEE S.  
CELLULAR SIGNALLING, vol.64, 2019 (Journal Indexed in SCI)
- VIII. **Synthesis, Characterization and Evaluation of Cytotoxic Activities of Novel Aziridinyl Phosphonic Acid Derivatives**  
Khan R., ULUSAN S., BANERJEE S., DOĞAN Ö.  
CHEMISTRY & BIODIVERSITY, vol.16, no.11, 2019 (Journal Indexed in SCI)
- IX. **Biodegradable polymer promotes osteogenic differentiation in immortalized and primary osteoblast-like cells**  
Onat B., Tuncer S., Ulsan S., Banerjee S., Erel-Goktepe I.  
BIOMEDICAL MATERIALS, vol.14, 2019 (Journal Indexed in SCI)
- X. **Inhibition of the TIRAP-c-Jun interaction as a therapeutic strategy for AP1-mediated inflammatory responses**  
Srivastava M., Saqib U., BANERJEE S., Wary K., Kizil B., Muthu K., Baig M. S.  
INTERNATIONAL IMMUNOPHARMACOLOGY, vol.71, pp.188-197, 2019 (Journal Indexed in SCI)
- XI. **Effect of side chain variation on surface and biological properties of poly(2-alkyl-2-oxazoline) multilayers**  
Çağlı E., Uğur E., Ulsan S., Banerjee S., Erel-Goktepe I.  
European Polymer Journal, vol.114, pp.452-463, 2019 (Journal Indexed in SCI)
- XII. **Multifunctional layer-by-layer modified chitosan/poly(ethylene glycol) hydrogels**  
Onat B., Ulsan S., Banerjee S., Erel Göktepe İ.  
EUROPEAN POLYMER JOURNAL, vol.112, pp.73-86, 2019 (Journal Indexed in SCI)
- XIII. **NOS1-derived nitric oxide facilitates macrophage uptake of low-density lipoprotein.**  
Roy A., Banerjee S., Saqib U., Baig M.  
Journal of cellular biochemistry, 2019 (Journal Indexed in SCI Expanded)

- XIV. **Biologically Functional Ultrathin Films Made of Zwitterionic Block Copolymer Micelles**  
Ulusan S., Bütün V., Banerjee S., Erel Göktepe İ.  
LANGMUIR, vol.35, pp.1156-1171, 2019 (Journal Indexed in SCI)
- XV. **Drug repositioning as an effective therapy for protease-activated receptor 2 inhibition**  
Saqib U., Savai R., Liu D., Banerjee S., Baig M. S.  
JOURNAL OF CELLULAR BIOCHEMISTRY, vol.120, no.2, pp.1522-1526, 2019 (Journal Indexed in SCI)
- XVI. **Low dose dimethyl sulfoxide driven gross molecular changes have the potential to interfere with various cellular processes**  
Tuncer S., Gurbanov R., Sheraj I., Solel E., Esentürk O., Banerjee S.  
SCIENTIFIC REPORTS, vol.8, 2018 (Journal Indexed in SCI)
- XVII. **Emerging cellular functions of the lipid metabolizing enzyme 15-Lipoxygenase-1**  
Colakoglu M., Tuncer S., BANERJEE S.  
CELL PROLIFERATION, vol.51, no.5, 2018 (Journal Indexed in SCI)
- XVIII. **Identification of biomarkers associated with partial epithelial to mesenchymal transition in the secretome of slug over-expressing hepatocellular carcinoma cells**  
Karaosmanoglu O., BANERJEE S., SIVAS H.  
CELLULAR ONCOLOGY, vol.41, no.4, pp.439-453, 2018 (Journal Indexed in SCI)
- XIX. **Osteoconductive layer-by-layer films of Poly(4-hydroxy-L-proline ester) (PHPE) and Tannic acid**  
Onat B., Özçubukçu S., Banerjee S., Erel-Goktepe I.  
EUROPEAN POLYMER JOURNAL, vol.103, pp.101-115, 2018 (Journal Indexed in SCI)
- XX. **Opposing roles of the aldo-keto reductases AKR1B1 and AKR1B10 in colorectal cancer**  
TASKOPARAN B., SEZA E. G. , Demirkol S., TUNCER S., Stefek M., Gure A. O. , BANERJEE S.  
CELLULAR ONCOLOGY, vol.40, no.6, pp.563-578, 2017 (Journal Indexed in SCI)
- XXI. **15-Lipoxygenase-1 re-expression in colorectal cancer alters endothelial cell features through enhanced expression of TSP-1 and ICAM-1**  
Tuncer S., Keskus A. G. , Colakoglu M., Cimen I., Yener C., KONU KARAKAYALI Ö., BANERJEE S.  
CELLULAR SIGNALLING, vol.39, pp.44-54, 2017 (Journal Indexed in SCI)
- XXII. **Valdecoxib Recovers the Lipid Composition, Order and Dynamics in Colon Cancer Cell Lines Independent of COX-2 Expression: An ATR-FTIR Spectroscopy Study.**  
Inan G., GOK S., Banerjee S., SEVERCAN F.  
Applied spectroscopy, vol.71, pp.105-117, 2017 (Journal Indexed in SCI Expanded)
- XXIII. **Improved solubility of celecoxib by inclusion in SBA-15 mesoporous silica: Drug loading in different solvents and release**  
Eren Z. S. , Tuncer S., Gezer G., Yildirim L. T. , BANERJEE S., YILMAZ A.  
MICROPOROUS AND MESOPOROUS MATERIALS, vol.235, pp.211-223, 2016 (Journal Indexed in SCI)
- XXIV. **Surface Characterization and Biocompatibility of Selenium-Doped Hydroxyapatite Coating on Titanium Alloy**  
Yilmaz B., EVİS Z., TEZCANER A., BANERJEE S.  
INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY, vol.13, no.6, pp.1059-1068, 2016 (Journal Indexed in SCI)
- XXV. **Interplay between 15-lipoxygenase-1 and metastasis-associated antigen 1 in the metastatic potential of colorectal cancer**  
Tuncer S., ÇAĞATAY S., Keskus A. G. , Colakoglu M., KONU KARAKAYALI Ö., BANERJEE S.  
CELL PROLIFERATION, vol.49, no.4, pp.448-459, 2016 (Journal Indexed in SCI)
- XXVI. **Bacterial anti-adhesive and pH-induced antibacterial agent releasing ultra-thin films of zwitterionic copolymer micelles**  
Onat B., Butun V., Banerjee S., Erel-Goktepe I.  
ACTA BIOMATERIALIA, vol.40, pp.293-309, 2016 (Journal Indexed in SCI)
- XXVII. **CHNQ, a novel 2-Chloro-1,4-naphthoquinone derivative of quercetin, induces oxidative stress and autophagy both in vitro and in vivo**  
Enayat S., Ceyhan M. S. , Taskoparan B., Stefek M., BANERJEE S.

- ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, vol.596, pp.84-98, 2016 (Journal Indexed in SCI)
- XXVIII. **Ethanollic Extract of Bark from Salix aegyptiaca Ameliorates 1,2-dimethylhydrazine-induced Colon Carcinogenesis in Mice by Reducing Oxidative Stress**  
Bounaama A, Enayat S., Ceyhan M. S. , Moulahoum H., Djerdjouri B., BANERJEE S.  
NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL, vol.68, no.3, pp.495-506, 2016 (Journal Indexed in SCI)
- XXIX. **Surface Characterization and Biocompatibility of SeleniumDoped Hydroxyapatite Coating on Titanium Alloy**  
YILMAZ B., TEZCANER A., EVİS Z., BANERJEE S.  
Ceramics International, 2016 (Journal Indexed in SCI)
- XXX. **Eicosanoid pathway in colorectal cancer: Recent updates**  
Tuncer S., BANERJEE S.  
WORLD JOURNAL OF GASTROENTEROLOGY, vol.21, no.41, pp.11748-11766, 2015 (Journal Indexed in SCI)
- XXXI. **Epidermal growth factor receptor-targeted immunoliposomes for delivery of celecoxib to cancer cells**  
LIMASALE Y. D. P. , TEZCANER A., ÖZEN C., KESKİN D., BANERJEE S.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.479, no.2, pp.364-373, 2015 (Journal Indexed in SCI)
- XXXII. **2-Chloro-1,4-naphthoquinone derivative of quercetin as an inhibitor of aldose reductase and anti-inflammatory agent**  
Milackova I, Prnova M. S. , Majekova M., Sotnikova R., Stasko M., Kovacicova L., BANERJEE S., Veverka M., Stefek M.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.30, no.1, pp.107-113, 2015 (Journal Indexed in SCI)
- XXXIII. **[5-(Benzyloxy)-1H-indol-1-yl]acetic acid, an aldose reductase inhibitor and PPAR gamma ligand**  
Prnova M. S. , Majekova M., Milackova I., Diez-Dacal B., Perez-Sala D., Ceyhan M. S. , BANERJEE S., Stefek M.  
ACTA BIOCHIMICA POLONICA, vol.62, no.3, pp.523-528, 2015 (Journal Indexed in SCI)
- XXXIV. **Epigenetic Mechanisms Underlying the Dynamic Expression of Cancer-Testis Genes, PAGE2, -2B and SPANX-B, during Mesenchymal-to-Epithelial Transition**  
Yilmaz-Ozcan S., Sade A., Kucukkaraduman B., Kaygusuz Y., Senses K. M. , BANERJEE S., GÜRE A. O.  
PLOS ONE, vol.9, no.9, 2014 (Journal Indexed in SCI)
- XXXV. **The Ethanollic Extract of Bark from Salix Aegyptiaca L. Inhibits the Metastatic Potential and Epithelial to Mesenchymal Transition of Colon Cancer Cell Lines**  
Enayat S., BANERJEE S.  
NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL, vol.66, no.6, pp.999-1008, 2014 (Journal Indexed in SCI)
- XXXVI. **Anticarcinogenic Effects of the Ethanollic Extract of Salix aegyptiaca in Colon Cancer Cells: Involvement of Akt/PKB and MAPK Pathways**  
Enayat S., Ceyhan M. S. , BAŞARAN A. A. , GÜRSEL M., BANERJEE S.  
NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL, vol.65, no.7, pp.1045-1058, 2013 (Journal Indexed in SCI)
- XXXVII. **In Vitro Characterization of a Liposomal Formulation of Celecoxib Containing 1,2-Distearoyl-sn-Glycero-3-Phosphocholine, Cholesterol, and Polyethylene Glycol and its Functional Effects Against Colorectal Cancer Cell Lines**  
ERDOĞ A., Limasale Y. D. P. , KESKİN D., TEZCANER A., BANERJEE S.  
JOURNAL OF PHARMACEUTICAL SCIENCES, vol.102, no.10, pp.3666-3677, 2013 (Journal Indexed in SCI)
- XXXVIII. **2-Chloro-1,4-naphthoquinone derivative of quercetin as an efficient inhibitor of AKR1B1 and AKR1B10. Implications for diabetic complications, inflammatory disorders and cancer**  
Soltesova-Prnova M., Milackova I., Majekova M., Sotnikova R., Kovacicova L., Rackova L., Diez-Dacal B., Perez-Sala D., Enayat S., BANERJEE S., et al.  
FREE RADICAL BIOLOGY AND MEDICINE, vol.65, 2013 (Journal Indexed in SCI)
- XXXIX. **MTA-1 expression is associated with metastasis and epithelial to mesenchymal transition in colorectal cancer cells**  
Cagatay S. T. , Cimen I., SAVAŞ B., BANERJEE S.  
TUMOR BIOLOGY, vol.34, no.2, pp.1189-1204, 2013 (Journal Indexed in SCI)

- XL. Potential of Raloxifene in reversing osteoarthritis-like alterations in rat chondrocytes: An in vitro model study**  
Kavas A., Cagatay S. T., Banerjee S., Keskin D., Tezcaner A.  
JOURNAL OF BIOSCIENCES, vol.38, pp.135-147, 2013 (Journal Indexed in SCI)
- XLI. Nano-sized liposomes for delivery of Celecoxib**  
Erdog A., TEZCANER A., KESKİN D., BANERJEE S.  
NEW BIOTECHNOLOGY, vol.29, 2012 (Journal Indexed in SCI)
- XLII. The NF-kappa B target genes ICAM-1 and VCAM-1 are differentially regulated during spontaneous differentiation of Caco-2 cells**  
Astarci E., Sade A., Cimen I., SAVAŞ B., BANERJEE S.  
FEBS JOURNAL, vol.279, no.16, pp.2966-2986, 2012 (Journal Indexed in SCI)
- XLIII. Matrix metalloprotease 16 expression is downregulated by microRNA-146a in spontaneously differentiating Caco-2 cells**  
ASTARCI E., ERSON BENSAN A. E., BANERJEE S.  
DEVELOPMENT GROWTH & DIFFERENTIATION, vol.54, no.2, pp.216-226, 2012 (Journal Indexed in SCI)
- XLIV. Celecoxib reduces fluidity and decreases metastatic potential of colon cancer cell lines irrespective of COX-2 expression**  
Sade A., Tuncay S., Cimen I., Severcan F., BANERJEE S.  
BIOSCIENCE REPORTS, vol.32, no.1, pp.35-44, 2012 (Journal Indexed in SCI)
- XLV. 15-lipoxygenase-1 exerts its tumor suppressive role by inhibiting nuclear factor-kappa B via activation of PPAR gamma.**  
Cimen I., Astarci E., Banerjee S.  
Journal of cellular biochemistry, vol.112, pp.2490-501, 2011 (Journal Indexed in SCI Expanded)
- XLVI. Effects of the non-steroidal anti-inflammatory drug celecoxib on cholesterol containing distearoyl phosphatidylcholine membranes**  
Sade A., BANERJEE S., Severcan F.  
SPECTROSCOPY-BIOMEDICAL APPLICATIONS, vol.25, pp.177-185, 2011 (Journal Indexed in SCI)
- XLVII. Celecoxib-loaded liposomes: effect of cholesterol on encapsulation and in vitro release characteristics**  
DENİZ A., Sade A., Severcan F., KESKİN D., TEZCANER A., BANERJEE S.  
BIOSCIENCE REPORTS, vol.30, no.5, pp.365-373, 2010 (Journal Indexed in SCI)
- XLVIII. Concentration-dependent differing actions of the nonsteroidal anti-inflammatory drug, celecoxib, in distearoyl phosphatidylcholine multilamellar vesicles**  
Sade A., BANERJEE S., Severcan F.  
JOURNAL OF LIPOSOME RESEARCH, vol.20, no.2, pp.168-177, 2010 (Journal Indexed in SCI)
- XLIX. Monoclonal antibodies for targeted therapy in colorectal cancer.**  
Banerjee S., Flores-Rozas H.  
Cancer biology & therapy, vol.9, pp.563-71, 2010 (Journal Indexed in SCI Expanded)
- L. 15-Lipoxygenase-1 expression suppresses the invasive properties of colorectal carcinoma cell lines HCT-116 and HT-29.**  
Cimen I., Tunçay S., Banerjee S.  
Cancer science, vol.100, pp.2283-91, 2009 (Journal Indexed in SCI Expanded)
- LI. Comparative antioxidant activity of extracts from leaves, bark and catkins of Salix aegyptiaca sp.**  
Enayat S., BANERJEE S.  
FOOD CHEMISTRY, vol.116, no.1, pp.23-28, 2009 (Journal Indexed in SCI)
- LII. Inhibition of mackerel (Scomber scombrus) muscle lipoxygenase by green tea polyphenols**  
Banerjee S.  
FOOD RESEARCH INTERNATIONAL, vol.39, no.4, pp.486-491, 2006 (Journal Indexed in SCI)
- LIII. Cadmium inhibits mismatch repair by blocking the ATPase activity of the MSH2-MSH6 complex.**  
Banerjee S., Flores-Rozas H.  
Nucleic acids research, vol.33, pp.1410-9, 2005 (Journal Indexed in SCI Expanded)

## Articles Published in Other Journals

- I. **Evaluation of colloidal platinum on cytotoxicity, oxidative stress and barrier permeability across the gut epithelium**  
Tuncer S., Colakoglu M., ULUSAN S., ERTAŞ G., KARASU Ç., BANERJEE S.  
HELIYON, vol.5, no.3, 2019 (Journal Indexed in ESCI)
- II. **Determination of Autophagy in the Caco-2 Spontaneously Differentiating Model of Intestinal Epithelial Cells.**  
Tunçer S., Banerjee S.  
Methods in molecular biology (Clifton, N.J.), vol.1854, pp.55-70, 2019 (Refereed Journals of Other Institutions)
- III. **PRKAA1 (protein kinase AMP-activated catalytic subunit alpha 1)**  
Seza E. G. , GÜDERER İ., Ermis Ç., BANERJEE S.  
Atlas of Genetics and Cytogenetics in Oncology and Haematology, vol.23, no.5, pp.105-111, 2019 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Role of Butyrate in Post-Transcriptional Regulation of Inflammatory Genes by Regulating RNA Binding Proteins**  
Torun A., Enayat S., Banerjee S.  
International Molecular Immunology and Immunogenetics Congress IV , Bursa, Turkey, 27 April - 29 November 2019, pp.94
- II. **Layer-by-Layer Modification of Surfaces Using Zwitterionic Block Copolymer Micelles for Preparation of Anti-adhesive Coatings**  
ULUSAN S., BÜTÜN V., BANERJEE S., EREL GÖKTEPE İ.  
The 4th International Conference on Bioinspired and Biobased Chemistry Materials, 14 - 17 October 2018
- III. **Multilayers of Zwitterionic Block Copolymer Micelles for Preparation of Anti-Adhesive Surfaces**  
ULUSAN S., BÜTÜN V., BANERJEE S., EREL GÖKTEPE İ.  
VII.Ulusal Polimer Bilim Ve Teknoloji Kongresi, Turkey, 9 - 12 September 2018
- IV. **Poly(2-alkyl-2-oxazoline) Based Multilayers as Antibacterial Coatings**  
ÇAĞLI E., UGUR E., ULUSAN S., BANERJEE S., EREL GÖKTEPE İ.  
VII.Ulusal Polimer Bilim ve Teknoloji Kongresi, Turkey, 9 - 12 September 2018
- V. **Functionalization of Surfaces for Biomedical Applications via Layer-by-layer Self-assembly of Polymers**  
Onat B., Ulsan S., Bütün V., Banerjee S., Erel Göktepe İ.  
VII. Ulusal Polimer Bilim ve Teknoloji Kongresi, Eskişehir, Turkey, 9 - 12 September 2018
- VI. **VERBASCOSIDE AND HYDROXYTYROSOL DOWNREGULATE STRESS-RELATED PATHWAYS IN HUMAN OSTEOARTHRITIC ARTICULAR CHONDROCYTES**  
Elmazoglu Z., Colakoglu M., Banerjee S., Bitik B., Aktekin C. N. , Goker B., Karasu C.  
Congress of the European-League-Against-Rheumatism (EULAR), Amsterdam, Netherlands, 13 - 16 June 2018, vol.77, pp.1241
- VII. **NaBt can regulate the expression of COX-2 post-transcriptionally in the presence of chemically induced stress in colon epithelial cells.**  
Banerjee S., Enayat S., Gurbanov S. T. , Ülgen D. H. , Torun A.  
American Association for Cancer Research, Illinois, United States Of America, 14 - 18 April 2018, pp.21
- VIII. **Osteoconductivity of layer-by-layer films of poly(4-hydroxy-L-proline) ester**  
ONAT B., ÖZÇUBUKÇU S., BANERJEE S., EREL GÖKTEPE İ.  
7th International Colloid Conference, 18 - 21 June 2017
- IX. **A mechanistic study of the anti-angiogenic properties of the lipid-metabolizing enzyme 15-lipoxygenase-1 in different cancer cell models**

Tuncer S., ÇİMEN İ., Colakoglu M., Yener C., Keskus A., KONU KARAKAYALI Ö., BANERJEE S.

41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.113-114

- X. **Investigating the cellular effects of the aldo-keto reductases AKR1B1 and AKR1B10 in HCT-116 colon cancer cells**  
Taskoparan B., Seza E. G. , Ceyhan M. S. , BANERJEE S.  
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.221
- XI. **Post-translational modification of vascular endothelial growth factor (VEGF) in colon cancer cells**  
Tuncer S., Solel E., BANERJEE S.  
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.222
- XII. **Multifunctional Anti adhesive Films Prepared by Layer by Layer Formation of Zwitterionic Micelles**  
BORA O., BÜTÜN V., BANERJEE S., EREL GÖKTEPE İ.  
27th European Conference on Biomaterials, 30 August - 03 September 2015
- XIII. **p38 activity modulates the post transcriptional regulation of cyclooxygenase 2 in Caco 2 and HT 29 cells treated with sodium butyrate**  
Doğukan Hazar Ü., Tunçer S., BANERJEE S.  
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- XIV. **15 Lipoygenase 1 expression inhibits angiogenesis in colorectal cancer cell lines**  
Tunçer S., Çimen İ., Keskus A., Duranel A., KONU KARAKAYALI Ö., Ceyhan M., Çolakoğlu M., Yener C., BANERJEE S.  
14th International Conference on Bioactive Lipids in Cancer, Inflammation, and Related Diseases, 12 - 15 July 2015
- XV. **Anti Biofouling Films Prepared by Layer by Layer Formation of Zwitterionic Micelles**  
BORA O., BÜTÜN V., BANERJEE S., EREL GÖKTEPE İ.  
11th Nanoscience and Nanotechnology Conference (NanoTR-11), Turkey, 22 - 25 June 2015
- XVI. **EFFECTS OF AKR1B1 SILENCING IN HCT 116 COLON CANCER CELLS**  
Taşkoparan B., Ceyhan M., Tunçer S., Stefek M., BANERJEE S.  
11th International Symposium on Pharmaceutical Sciences (ISOPS-11), 9 - 12 June 2015
- XVII. **CHNQ EXERTS ANTITUMOR ACTIVITY AGAINST COLORECTAL CANCER THROUGH THE INDUCTION OF APOPTOSIS AND OXIDATIVE STRESS**  
Enayat S., Ceyhan M., SON Ç. D. , Stefek M., BANERJEE S.  
11th International Symposium on Pharmaceutical Sciences (ISOPS-11), 9 - 12 June 2015
- XVIII. **Characterization and functional effects of cemtirestat a potent aldo keto reductase inhibitor in diabetes and inflammation**  
Prnova M., Magdalena M., Ballekova J., Ceyhan M., Enayat S., BANERJEE S., Stefek M.  
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- XIX. **Cytotoxic Effect of Kv1 3 Blocker Clofazimine on HCT 116 Colon Cancer Cell Line**  
Husnugil H., Caner Y., Nasit I., BANERJEE S., ÖZEN C.  
3rd EACR-Sponsored Anticancer Agent Development Congress, 18 May 2015 - 19 May 2014
- XX. **Investigation of a mechanistic link between 15-Lipoxygenase-1 (15-LOX-1) and Metastasis Associated Protein 1 (MTA1) in human colorectal carcinoma cell lines**  
ÇAĞATAY S., BANERJEE S.  
European Cancer Congress 2013 - 17th ECCO / 38th ESMO / 32nd ESTRO, Amsterdam, Netherlands, 27 September - 01 October 2013, vol.49
- XXI. **FTIR microspectroscopic analysis of sodium butyrate induced differentiation in colon cancer cells in a time-dependent manner**  
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- XXII. **Characterization of Sodium Butyrate Induced Differentiation in Colon Cancer Cells by Fourier Transform Infrared Spectroscopy and Microscopy**



## Supported Projects

- BANERJEE S., TEZCANER A., Project Supported by Higher Education Institutions, Cytotoxicity of freeze dried EGFR targeted immunoliposome containing celecoxib against overexpressing EGFR and COX-2 colon cancer cell lines and its stability and functional analysis after storage, 2014 - Continues
- BANERJEE S., GÜDERER İ., Project Supported by Higher Education Institutions, KOLOREKTAL HÜCRE HATLARINDA AKR1B1 VE AKR1B10 GENLERİNİN İFADESİ İÇİN GEREKLİ LENTİVİRAL İFADELENME SİSTEMLERİNİN TASARLANMASI VE GELİŞTİRİLMESİ, 2018 - 2019
- BANERJEE S., TORUN A., Project Supported by Higher Education Institutions, 15-LİPOKSİGENAZ-1'İN ANTI-KANSEROJENİK FONKSİYONLARININ, PROSTAT KARSİNOMASINDA ANDROJEN RESEPTÖRÜ DURUMU ÜZERİNE BAĞIMLILIĞI, 2018 - 2019
- BANERJEE S., ERMİŞ Ç., Project Supported by Higher Education Institutions, KOLOREKTAL KANSERDE AKR AKTİVATÖRLERİ VEYA KEMOTERAPİ İLAÇLARIYLA KOMBİNASYON HALİNDE AMPK AKTİVASYONUNUN FONKSİYONEL SONUÇLARININ İN VİTRO DEĞERLENDİRİLMESİ, 2018 - 2019
- BANERJEE S., BURAK KIZIL C., Project Supported by Higher Education Institutions, KOLON KANSERİ TEDAVİSİNDE BÜTİRAT ÜRETEN BAKTERİ TASARIMINA SENTETİK BİYOLOJİK YAKLAŞIM, 2018 - 2019
- BANERJEE S., ÇOLAKOĞLU M., Project Supported by Higher Education Institutions, 15-LİPOKSİGENAZ-1 (15-LOX-1) İFADELEYEN KOLON KANSERİ HÜCRELERİNDE FERROPTOSİSİN İNCELENMESİ, 2018 - 2019
- BANERJEE S., SHERAJ I., Project Supported by Higher Education Institutions, KOLOREKTAL KANSER NUMUNELERİN VERİ ANALİZİ KULLANARAK YÜKSEK ÖLÇÜDE SENTEZLENEN GENLERİ BULMAK VE MOLEKÜLER SEVİYESİNDE KANSER AŞAMALARI SINIFLANDIRMAK AMACIYLA KULLANMAK, 2018 - 2019
- BANERJEE S., GÜLCE SEZA E., Project Supported by Higher Education Institutions, KOLOREKTAL KANSER HÜCRE HATLARINDA AMPK VE AKR1B10 UN SİNYAL YOLAKLARI ÜZERİNDEKİ ETKİSİNİN İNCELENMESİ, 2018 - 2019
- BANERJEE S., HAZAL HÜSNÜGİL H., Project Supported by Higher Education Institutions, T84 KOLON KANSERİ HÜCRELERİNDE BESİN AÇLIĞI VE FARKLI LAŞMAYA BAĞLI OTOFAJİYİ MODULE EDEBİLEN MİKRORNALARIN, KEMOTERAPİYE DUYARLILIĞININ ARTIRILMASI AMACIYLA TANIMLANMASI, 2018 - 2019
- ERSON BENSAN A. E. , KİRİŞ E., MUYAN M., GÜRSEL M., TERZİ ÇİZMECİOĞLU N., BANERJEE S., Project Supported by Higher Education Institutions, Meme dokusunun gelişim aşamalarının APA açısından analizi, 2018 - 2019
- ERSON BENSAN A. E. , GÜLEZ B., ÖZKAN S., BANERJEE S., CAN T., Project Supported by Higher Education Institutions, Yaygın kanser tiplerinde transkriptom 3'UTR isoform çeşitliliğinin incelenmesi, 2017 - 2019
- BANERJEE S., Project Supported by Higher Education Institutions, ROLE OF AKRIB1 IN THE PATHOGENESIS OF COLORECTAL CANCER AKRIB1'IN KOLOREKTAL KANSERİ PATOJENEZİNDEKİ ROLÜ, 2017 - 2017
- BANERJEE S., Project Supported by Higher Education Institutions, KOLON KANSERİ TEDAVİSİNDE BÜTİRAT ÜRETEN BAKTERİ TASARIMINA SENETETİK BİYOLOJİK YAKLAŞIM, 2017 - 2017
- BANERJEE S., ERSON BENSAN A. E. , BİRAND ÖZSOY A. C. , MUYAN M., TERZİ ÇİZMECİOĞLU N., Project Supported by Higher Education Institutions, Kolorektal kanser hücrelerinde Siklooksijenaz -2 (COX-2)'nin sodyum bütirat aracılı transkripsiyon sonrası regülasyonu., 2017 - 2017
- BANERJEE S., Project Supported by Higher Education Institutions, KOLOREKTAL KANSE NUMUNELERİN VERİ ANALİZİ KULLANARAK YÜKSEK ÖLÇÜDE SENTEZLENEN GENLERİ BULMAK VE MOLEKÜLER SEVİYESİNDE KANSER AŞAMALARI SINIFLANDIRMAK AMACIYLA KULLANMAK, 2017 - 2017
- BANERJEE S., Project Supported by Higher Education Institutions, AKRIB10 AŞIRI İFADELENMESİNİN HCT-116 KOLOREKTAL KANSERİ HÜCRE HATTINDAKİ FONKSİYONEL ETKİLERİ, 2017 - 2017
- BANERJEE S., Tunçer S., Kesik V., Project Supported by Higher Education Institutions, Hücre içi VEGF trafiğinin kanser gelişimi ve anjiyogenezine etkisinin incelenmesi., 2016 - 2016
- BANERJEE S., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

BANERJEE S., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

BANERJEE S., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

BANERJEE S., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

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BANERJEE S., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

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BANERJEE S., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

BANERJEE S., ERSON BENSAN A. E. , MUYAN M., Project Supported by Higher Education Institutions, Kolon kanserinde 15-lipoksijenaz-1 ve Nükleer Faktör kappa B (NF-kB)'nin MTA1 ifadesini değiştiren karşılıklı etkileşimi, 2014 - 2014

BANERJEE S., SADE MEMİŞOĞLU A., Project Supported by Higher Education Institutions, KOLON KANSERİ HÜCRE HATTI HT29'DA SPONTAN FARKLILAŞMA SÜRECİNDE TRANSKRİPSİYON FAKTÖRÜ NF-KB İFADESİNİN İNCELENMESİ, 2013 - 2013

BANERJEE S., Kavas A., KESKİN D., TEZCANER A., Project Supported by Higher Education Institutions, Polimerik İlaç Salm Sistemleri ile Prostat Kanseri Tedavisi için Yeni Hedefleme Stratejileri Geliştirilmesi, 2013 - 2013

BANERJEE S., ENAYAT S., Project Supported by Higher Education Institutions, INVESTIGATING THE ANTICARCINOGENIC EFFECT OF A SPECIFIC ALDOSE REDUCTASE INHIBITOR, CNHQ (CHLORONAPHTHOQUINONE DERIVATIVE OF QUERCETIN), ON COLON CANCER, 2013 - 2013

BANERJEE S., ÜLGEN D. H. , Project Supported by Higher Education Institutions, SODYUM BÜTİRAT MUAMELESİNİN CACO-2 KOLON KANSERİ HÜCRELERİNDEKİ NF-KB YOĞUNLUĞUNDAKİ ETKİLERİ, 2013 - 2013

BANERJEE S., ERSON BENSAN A. E. , MUYAN M., Project Supported by Higher Education Institutions, MikroRNA miR-106b nin ifadesinin artmasının meme kanseri üzerine olan etkisi, 2013 - 2013

BANERJEE S., ERGEN N., Project Supported by Higher Education Institutions, EFFECT OF 15-LIPOXYGENASE -1 (15-LOX-1) EXPRESSION ON ANGIOGENESIS IN COLORECTAL CANCER HCT-116 CELL LINES, 2013 - 2013

BANERJEE S., CEYHAN M. Ş. , Project Supported by Higher Education Institutions, SALIX AEGYPTIACE KABUĞUNDAN ELDE EDİLEN ETANOLİK ÖZÜTÜNÜN ANTIİNFLAMATUAR TRANSKRİPSİYON FAKTÖRÜ NF- KB ÜZERİNDEKİ ETKİSİ, 2013 - 2013

BANERJEE S., RACHKAUSKAS R., Project Supported by Higher Education Institutions, USING FOURIER TRANSFORM INFRARED SPECTROSCOPY AND CALORIMETRY TO STUDY NSAID-LIPID INTERACTIONS IN MODEL MEMBRANE VESICLES (LIPOSOMES), 2013 - 2013

BANERJEE S., TUNÇAY ÇAĞATAY S., Project Supported by Higher Education Institutions, METASTATİK MTA-1 (METASTASIS ASSOCIATED PROTEİN-1) GENİNİN HCT-116 İNSAN KOLERAKTAL KANSER HÜCRELERİNDE EPİTELYAL-MEZENKİMAL GEÇİŞE (EMT) ETKİSİ VE ETKİ MEKANİZMALARININ ARAŞTIRILMASI, 2013 - 2013

BANERJEE S., Project Supported by Higher Education Institutions, Kolorektal Kanser Hücrelerinde Mta1 İfadesinin Metastaz Üzerine Etkisi, 2012 - 2012

BANERJEE S., Project Supported by Higher Education Institutions, Characterization Of Musk Willow Extract For Anticarcinogenic Phytochemical Compounds, 2012 - 2012

BANERJEE S., Project Supported by Higher Education Institutions, Investigation Of Nsaid Lipid Interactions Membranes Via Spectroscopic And Thermoanalytical Techniques., 2011 - 2011

BANERJEE S., Project Supported by Higher Education Institutions, Kolon Kanseri Hücrelerinde Farklılaşmanın Icam-1 Ve Vcam-1'in Regülasyonu Üzerine Etkisi, 2011 - 2011

BANERJEE S., Project Supported by Higher Education Institutions, Embriyonun Yetiştirildiği Besiyerine Salgılanan, Metabolit Ayakizlerini Kullanarak Embryo Kalite Tayini, 2010 - 2011

BANERJEE S., Project Supported by Higher Education Institutions, Functional Application Of İmmunoliposomes Encapsulating Celecoxib On Colon Cancer Cell Lines., 2010 - 2010

BANERJEE S., Project Supported by Higher Education Institutions, Concentration Dependent Effects Of Celecoxibe On Model Membranes, 2009 - 2009

BANERJEE S., Project Supported by Higher Education Institutions, Nanotaşıyıcı Olarak İmmünolipozomların Kanserin Kimyasal Önlenmesi Ve Tedaviside Kullanımı, 2007 - 2009

## Patent

Banerjee S., Tümöre hedefli ilaç yüklü nano boyutlu lipozomal ilaç taşıma sistemi, Patent, CHAPTER A Human Needs, Initial Registration, 2015

## Activities in Scientific Journals

Plos One, Advisory Committee Member, 2019 - Continues

Scientific Reports, Committee Member, 2019 - Continues

Heliyon, Committee Member, 2018 - 2019

## Scientific Refereeing

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, University of Oxford, United Kingdom, October 2019

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Universitaet Duisburg Essen, Germany, October 2019

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Universidad Politécnic de Madrid, Spain, October 2019

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Italy, October 2019

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Universidad Politécnic de Madrid, Spain, October 2019

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Universitaet Bern, Switzerland, October 2019

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, University of Cyprus, Cyprus (Gkry), October 2019

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Universiteit Leiden, Netherlands, October 2019

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, VUMC, Netherlands, October 2019

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Universiteit Utrecht, Netherlands, October 2019

MOLECULAR AND CELLULAR BIOCHEMISTRY, SCI Journal, September 2019

TOXICOLOGY AND APPLIED PHARMACOLOGY, SCI Journal, June 2019

FOOD RESEARCH INTERNATIONAL, SCI Journal, May 2019

PLOS ONE, SCI Journal, April 2019

CELL DEATH & DISEASE, SCI Journal, April 2019

JOURNAL OF PHARMACY AND PHARMACOLOGY, SCI Journal, February 2019

FRONTIERS IN ONCOLOGY, SCI Journal, January 2019

JOURNAL OF TRANSLATIONAL MEDICINE, SCI Journal, December 2018

TOXICOLOGY AND APPLIED PHARMACOLOGY, SCI Journal, November 2018  
CELL COMMUNICATION AND SIGNALING, SCI Journal, October 2018  
H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, ElveFlow, France, October 2018  
H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, University College Dublin, Ireland, October 2018  
H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Universiteit Leiden, Netherlands, October 2018  
H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Université Libre de Bruxelles, Belgium, October 2018  
H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Massachusetts General Hospital, United States Of America, October 2018  
Project Supported by Other Official Institutions, Bilim Akademisi, Turkey, October 2018  
H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Institute of Organic Chemistry and Biochemistry, Czech Republic, October 2018  
H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, King's College London, United Kingdom, October 2018  
H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, University of Bristol, United Kingdom, October 2018  
H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Universiteit van Amsterdam, Netherlands, October 2018  
H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Université Paul Sabatier: Toulouse III, France, October 2018  
H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Lund University, Sweden, October 2018  
CELL CYCLE, SCI Journal, September 2018  
TUBITAK Project, 2224 - International Scientific Activities Support Program, Sabanci University, Turkey, August 2018  
JOURNAL OF CELLULAR BIOCHEMISTRY, SCI Journal, July 2018  
PLOS ONE, SCI Journal, June 2018  
JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, SCI Journal, April 2018  
CELLULAR ONCOLOGY, SCI Journal, March 2018  
ONCOTARGET, SCI Journal, February 2018  
JOURNAL OF CELLULAR BIOCHEMISTRY, SCI Journal, February 2018

## **Mobility Activity**

Erasmus Programme, Lecturing, Jadavpur University, India, 2018 - 2018

## **Citations**

Total Citations (WOS):701

h-index (WOS):16

## **Invited Talks**

Istanbul Üniversitesi Genetik Kulübü Kış Okulu, Conference, Istanbul University, Turkey, February 2018

## **Awards**

Banerjee S., Yılın Eğitimci Ödülü, Mustafa Parlar Vakfı, December 2018

Banerjee S., Yılın Eđitimci Ödülü, Mustafa Parlar Vakfi, December 2017

Banerjee S., Science Academy's Young Scientist Awards Program (BAGEP), Bilim Akademisi, May 2016

Banerjee S., Kocaeli Üniversitesi Prof Dr Baki Komsuoglu Genç Arastirmaci Odulu, Kocaeli Üniversitesi, June 2012

Banerjee S., TÜBA Young Scientists Award, Tüba, March 2011

Banerjee S., METU Faculty of Science and Letters Best Thesis Award (Supervisor), Odtü, June 2009