

Prof. SREEPARNA BANERJEE

Personal Information

Office Phone: [+90 312 210 6468](tel:+903122106468)

Email: banerjee@metu.edu.tr

Web: <https://avesis.metu.edu.tr/banerjee>

International Researcher IDs

ScholarID: HY1bgasAAAAJ

ORCID: 0000-0003-4596-6768

Publons / Web Of Science ResearcherID: AAZ-6742-2020

ScopusID: 57208644760

Yoksis Researcher ID: 205089

Education Information

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

Postgraduate, University of Leeds, Gıda Bilimleri, United Kingdom 1997 - 1998

Undergraduate, Fizyoloji, India 1994 - 1997

Foreign Languages

English, C2 Mastery

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, 2017 - Continues

Academic and Administrative Experience

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

Courses

BIOLOGY 2, Undergraduate, 2019 - 2020

Molecular Biology Laboratory, Undergraduate, 2019 - 2020

Cell Biology Laboratory, Undergraduate, 2019 - 2020

Advising Theses

- BANERJEE S., The role of AKR1B10 in oxidative stress response in hepatocellular carcinoma, Postgraduate, H.TUĞRAL(Student), 2022
- BANERJEE S., Induction of partial EMT with nutrient restriction and lysosomal alkalinization in caco-2 colorectal cancer cells, Doctorate, H.HAZAL(Student), 2022
- BANERJEE S., Analysis of transcriptome data for the evaluation of metabolic deregulation in cancer, Doctorate, I.SHERAJ(Student), 2021
- BANERJEE S., Evaluation of functional changes in AKR overexpressing colorectal cell line SW480, Postgraduate, Ç.ERMİŞ(Student), 2021
- BANERJEE S., Evaluation of functional changes in AKR1B1 and AKR1B10 overexpressing colorectal cancer cell lines, Postgraduate, İ.GÜDERER(Student), 2021
- BANERJEE S., Synthetic biology approach for the design of butyrate producing bacteria for colon cancer therapy, Postgraduate, 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, Postgraduate, S.ULUSAN(Student), 2019
- BANERJEE S., Role of butyrate in post-transcriptional regulation of inflammatory genes by regulating RNA binding proteins, Postgraduate, A.Torun(Student), 2019
- BANERJEE S., YILMAZ A., Surface and modification of LP-SBA-15 with polyethyleneimine for celecoxib delivery, Postgraduate, A.FARID(Student), 2017
- BANERJEE S., The functional effects of AKR1B10 overexpression in colorectal cancer cell lines, Postgraduate, E.GÜLCE(Student), 2017
- BANERJEE S., ERSON BENSAN A. E., Alternative polyadenylation in a differentiation model: Caco-2, Postgraduate, O.BEĞİK(Student), 2017
- BANERJEE S., The effect of 15-lipoxygenase-1 (15-LOX-1) on angiogenesis in colorectal and prostate cancer, Postgraduate, 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, Postgraduate, G.ÇALIŞ(Student), 2017
- BANERJEE S., Effects of quercetin serivative CHNQ, a potent aldo-keto reductase inhibitor, on AKR1B1 silenced HCT-116 colorectal cancer cells, Postgraduate, B.TAŞKOPARAN(Student), 2016
- BANERJEE S., ÖZEN C., Induction of apoptosis and cell cycle arrest on u266 multiple myeloma cell line by prochlorperazine, Postgraduate, 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, Postgraduate, B.Taşkoparan(Student), 2016
- Erel Göktepe İ., Banerjee S., Effects of 15-lipoxygenase-1 on the angiogenic properties of colorectal cancer cell line SW480, Postgraduate, 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, Postgraduate, D.HAZAR(Student), 2015
- KESKİN D., BANERJEE S., Celecoxib delivery with epidermal growth factor receptor-targeted immunoliposomes for cancer therapy / , Postgraduate, Y.DWI(Student), 2015
- BANERJEE S., Investigation of antioxidant properties and anticarcinogenic effects of ethanolic extract from bark of salix aegyptiaca and its fractions, Postgraduate, M.Şeyma(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., Structural and functional effects of non-steroidal anti-inflammatory drugs Rofecoxib and Valdecoxib on DSPC model membranes, Postgraduate, R.RACHKAUSKAS(Student), 2014
- SEVERCAN F., BANERJEE S., Molecular characterization of the effects of valdecoxib on colon cancer cell lines (ht29 & sw620) using ATR-FTIR spectroscopy, Postgraduate, A.İnan(Student), 2014
- BANERJEE S., Investigation of the molecular pathways involved in intestinal epithelial differentiation, Doctorate, A.Sade(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, Postgraduate, İ.Şen(Student), 2012

BANERJEE S., Investigation of the effect of sodium butyrate induced differentiation on inflammatory pathways in colon cancer cells, Postgraduate, 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, Postgraduate, A.Sade(Student), 2009

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

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Bartın University, August, 2021

Associate Professor Exam, Associate Professor Exam, Erzurum Technical University, August, 2021

Associate Professor Exam, Associate Professor Exam, Mugla Sıtkı Kocman University, April, 2021

Award, BAGEP, Middle East Technical University, March, 2021

Associate Professor Exam, Associate Professor Exam, Firat University, November, 2020

Award, ODTÜ PROF. DR. MUSTAFA N. PARLAR EĞİTİM VE ARAŞTIRMA VAKFI ÖDÜLÜ, Middle East Technical University, November, 2020

Associate Professor Exam, Associate Professor Exam, Koc University, July, 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A partial epithelial-mesenchymal transition signature for highly aggressive colorectal cancer cells that survive under nutrient restriction**
Pastorino G. A., Sheraj I., Huebner K., Ferrero G., Kunze P., Hartmann A., Hampel C., HÜSNÜGİL H. H., Maiuthed A., Gebhart F., et al.
Journal of Pathology, vol.262, no.3, pp.347-361, 2024 (SCI-Expanded)
- II. **Lysosomal alkalization in nutrient restricted cancer cells activates cytoskeletal rearrangement to enhance partial epithelial to mesenchymal transition**
HÜSNÜGİL H. H., Güleç Taşkıran A. E., GÜDERER İ., Nehri L. N., Oral G., Menemenli N. Ş., Özcan Ö., Noghreh A., AKYOL A., BANERJEE S.
Translational Oncology, vol.41, 2024 (SCI-Expanded)
- III. **Tuning stimuli-responsive properties of alginate hydrogels through layer-by-layer functionalization for dual-responsive dual drug release**
Gündoğdu D., Alemdar C., Turan C., Hazal Husnugil H. H., Banerjee S., Erel Göktepe İ.
Colloids and Surfaces A: Physicochemical and Engineering Aspects, vol.676, 2023 (SCI-Expanded)
- IV. **The indispensability of macrophage adaptor proteins in chronic inflammatory diseases**
Atre R., Sharma R., Vadim G., Solanki K., Wadhonkar K., Singh N., Patidar P., Khabiya R., Samaur H., BANERJEE S., et al.
International Immunopharmacology, vol.119, 2023 (SCI-Expanded)
- V. **ATF2 loss promotes tumor invasion in colorectal cancer cells via upregulation of cancer driver TROP2**
Huebner K., Erlenbach-Wuensch K., Prochazka J., Sheraj I., Hampel C., Mrazkova B., Michalcikova T., Tureckova J., Iatsiuk V., Weissmann A., et al.

Cellular and Molecular Life Sciences, vol.79, no.8, 2022 (SCI-Expanded)

- VI. **Structural and functional evaluation mammalian and plant lipoxygenases upon association with nanodics as membrane mimetics.**
Ulusan S., Sheraj I., Stehling S., Ivanov I., Das A., Kühn H., Banerjee S.
Biophysical chemistry, vol.288, pp.106855, 2022 (SCI-Expanded)
- VII. **Editorial: Epithelial to Mesenchymal Plasticity in Colorectal Cancer**
Bocci F., Schneider-Stock R., BANERJEE S.
Frontiers in Cell and Developmental Biology, vol.10, 2022 (SCI-Expanded)
- VIII. **Boron Cage Triggered Micellization of a Neutral-Cationic Block Copolymer and Preparation of Boron-Containing Layer-by-Layer Microparticles**
Aydemir U., Ugur E., Ermis C., Aydemir F. N., Ozdemir E., Banerjee S., Yildirim E., Akdağ A., Erel Göktepe I.
ACS Applied Polymer Materials, vol.4, no.5, pp.3448-3461, 2022 (SCI-Expanded)
- IX. **Development of ACE2 loaded decoy liposomes and their effect on SARS-CoV-2 for Covid-19 treatment**
ARISOY S., Kocas M., ÇOMOĞLU T., GÜDERER İ., BANERJEE S.
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.27, no.3, pp.290-300, 2022 (SCI-Expanded)
- X. **A Novel Therapeutic Peptide Blocks SARS-CoV-2 Spike Protein Binding with Host Cell ACE2 Receptor**
Rajpoot S., Ohishi T., Kumar A., Pan Q., BANERJEE S., Zhang K. Y. J., Baig M. S.
DRUGS IN R&D, vol.21, no.3, pp.273-283, 2021 (SCI-Expanded)
- XI. **A pan-cancer transcriptomic study showing tumor specific alterations in central metabolism.**
Sheraj I., Guray N. T., Banerjee S.
Scientific reports, vol.11, no.1, pp.13637, 2021 (SCI-Expanded)
- XII. **Investigation of the effects of nutrient restriction on endolysosomal signaling in colorectal cancer (CRC) cells.**
Gulec A. E., HÜSNÜGİL H. H., Oral G., Sheraj I., BANERJEE S.
CANCER RESEARCH, vol.81, no.13, 2021 (SCI-Expanded)
- XIII. **Aldo Keto Reductases AKR1B1 and AKR1B10 in Cancer: Molecular Mechanisms and Signaling Networks.**
Banerjee S.
Advances in experimental medicine and biology, vol.1347, pp.65-82, 2021 (SCI-Expanded)
- XIV. **Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition)**
Klionsky D. J., Abdel-Aziz A. K., Abdelfatah S., Abdellatif M., Abdoli A., Abel S., Abeliovich H., Abildgaard M. H., Abudu Y. P., Acevedo-Arozena A., et al.
Autophagy, vol.17, no.1, pp.1-382, 2021 (SCI-Expanded)
- XV. **Core/shell type, Ce³⁺ and Tb³⁺ doped GdBO₃ system: Synthesis and Celecoxib drug delivery application**
Akman P., Ulusan S., Banerjee S., Yilmaz A.
Microporous and Mesoporous Materials, vol.308, 2020 (SCI-Expanded)
- XVI. **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**
Canli 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 (SCI-Expanded)
- XVII. **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 (SCI-Expanded)
- XVIII. **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 (SCI-Expanded)

- XIX. **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 (SCI-Expanded)
- XX. **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 (SCI-Expanded)
- XXI. **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 (SCI-Expanded)
- XXII. **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 (SCI-Expanded)
- XXIII. **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 (SCI-Expanded)
- XXIV. **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 (SCI-Expanded)
- XXV. **Effect of side chain variation on surface and biological properties of poly(2-alkyl-2-oxazoline) multilayers**
Çağlı E., Ugur E., Ulsan S., Banerjee S., Erel-Goktepe I.
European Polymer Journal, vol.114, pp.452-463, 2019 (SCI-Expanded)
- XXVI. **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 (SCI-Expanded)
- XXVII. **NOS1-derived nitric oxide facilitates macrophage uptake of low-density lipoprotein.**
Roy A., Banerjee S., Saqib U., Baig M.
Journal of cellular biochemistry, 2019 (SCI-Expanded)
- XXVIII. **Biologically Functional Ultrathin Films Made of Zwitterionic Block Copolymer Micelles**
Ulsan S., Bütün V., Banerjee S., Erel Göktepe İ.
LANGMUIR, vol.35, pp.1156-1171, 2019 (SCI-Expanded)
- XXIX. **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 (SCI-Expanded)
- XXX. **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 (SCI-Expanded)
- XXXI. **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 (SCI-Expanded)
- XXXII. **Emerging cellular functions of the lipid metabolizing enzyme 15-Lipoxygenase-1**
Colakoglu M., Tuncer S., BANERJEE S.
CELL PROLIFERATION, vol.51, no.5, 2018 (SCI-Expanded)
- XXXIII. **Identification of biomarkers associated with partial epithelial to mesenchymal transition in the secretome of slug over-expressing hepatocellular carcinoma cells**

- Karaosmanoglu O., BANERJEE S., SİVAS H.
CELLULAR ONCOLOGY, vol.41, no.4, pp.439-453, 2018 (SCI-Expanded)
- XXXIV. **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 (SCI-Expanded)
- XXXV. **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 (SCI-Expanded)
- XXXVI. **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 (SCI-Expanded)
- XXXVII. **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 (SCI-Expanded)
- XXXVIII. **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 (SCI-Expanded)
- XXXIX. **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 (SCI-Expanded)
- XL. **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 (SCI-Expanded)
- XLI. **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 (SCI-Expanded)
- XLII. **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 (SCI-Expanded)
- XLIII. **Surface Characterization and Biocompatibility of SeleniumDoped Hydroxyapatite Coating on Titanium Alloy**
YILMAZ B., TEZCANER A., EVİS Z., BANERJEE S.
Ceramics International, 2016 (SCI-Expanded)
- XLIV. **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 (SCI-Expanded)
- XLV. **Eicosanoid pathway in colorectal cancer: Recent updates**
Tuncer S., BANERJEE S.
WORLD JOURNAL OF GASTROENTEROLOGY, vol.21, no.41, pp.11748-11766, 2015 (SCI-Expanded)
- XLVI. **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 (SCI-Expanded)

- XLVII. **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., Kovacikova L., BANERJEE S., Veverka M., Stefek M.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.30, no.1, pp.107-113, 2015 (SCI-Expanded)
- XLVIII. **[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 (SCI-Expanded)
- XLIX. **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 (SCI-Expanded)
- L. **The Ethanolic 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 (SCI-Expanded)
- LI. **Anticarcinogenic Effects of the Ethanolic 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 (SCI-Expanded)
- LII. **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 (SCI-Expanded)
- LIIL. **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., Kovacikova L., Rackova L., Diez-Dacal B., Perez-Sala D., Enayat S., BANERJEE S., et al.
FREE RADICAL BIOLOGY AND MEDICINE, vol.65, 2013 (SCI-Expanded)
- LIV. **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 (SCI-Expanded)
- LV. **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 (SCI-Expanded)
- LVI. **Nano-sized liposomes for delivery of Celecoxib**
Erdog A., TEZCANER A., KESKİN D., BANERJEE S.
NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)
- LVII. **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 (SCI-Expanded)
- LVIII. **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 (SCI-Expanded)
- LIX. **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 (SCI-Expanded)

- LX. **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 (SCI-Expanded)
- LXI. **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 (SCI-Expanded)
- LXII. **Celecoxib-loaded liposomes: effect of cholesterol on encapsulation and in vitro release characteristics**
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- LXIII. **Concentration-dependent differing actions of the nonsteroidal anti-inflammatory drug, celecoxib, in distearoyl phosphatidylcholine multilamellar vesicles**
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- LXIV. **Monoclonal antibodies for targeted therapy in colorectal cancer.**
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- LXV. **15-Lipoxygenase-1 expression suppresses the invasive properties of colorectal carcinoma cell lines HCT-116 and HT-29.**
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- LXVI. **Comparative antioxidant activity of extracts from leaves, bark and catkins of Salix aegyptiaca sp.**
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FOOD CHEMISTRY, vol.116, no.1, pp.23-28, 2009 (SCI-Expanded)
- LXVII. **Inhibition of mackerel (Scomber scombrus) muscle lipoxygenase by green tea polyphenols**
Banerjee S.
FOOD RESEARCH INTERNATIONAL, vol.39, no.4, pp.486-491, 2006 (SCI-Expanded)
- LXVIII. **Cadmium inhibits mismatch repair by blocking the ATPase activity of the MSH2-MSH6 complex.**
Banerjee S., Flores-Rozas H.
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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 (ESCI)
- II. **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 (Scopus)

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. **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
- 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. **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
- VI. **VERBASCOSIDE AND HYDROXYTYROSOL DOWNREGULATE STRESS-RELATED PATHWAYS IN HUMAN OSTEOARTHRITIC ARTICULAR CHONDROCYTES**
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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. **Post-translational modification of vascular endothelial growth factor (VEGF) in colon cancer cells**
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41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.222
- X. **Activation of C/EBPbeta-3 during cellular differentiation links the development of ER stress and autophagy in colon epithelial cells**
MEMİŞOĞLU SANLI A., Tuncer S., BANERJEE S.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.31
- XI. **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.
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- XII. **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
- XIII. **Multifunctional Anti adhesive Films Prepared by Layer by Layer Formation of Zwitterionic Micelles**
BORA O., BÜTÜN V., BANERJEE S., EREL GÖKTEPE İ.
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- XIV. **15 Lipoxygenase 1 expression inhibits angiogenesis in colorectal cancer cell lines**
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- XV. **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.
14th International Conference on Bioactive Lipids in Cancer, Inflammation, and Related Diseases, 12 - 15 July 2015
- XVI. **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
- XVII. **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.
11th International Symposium on Pharmaceutical Sciences (ISOPS-11), 9 - 12 June 2015
- XVIII. **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.
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- XIX. **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
- XX. **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
- XXI. **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
- XXII. **Regulation and role of CCAAT/enhancer binding protein during differentiation of intestinal epithelial cells**
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- XXIII. **FTIR microspectroscopic analysis of sodium butyrate induced differentiation in colon cancer cells in a time-dependent manner**
Ozek N. S., Gok S., BANERJEE S., Severcan F.
Joint Annual Meeting of the ASPET/BPS at Experimental Biology (EB), Massachusetts, United States Of America, 20 - 24 April 2013, vol.27
- XXIV. **Characterization of Sodium Butyrate Induced Differentiation in Colon Cancer Cells by Fourier Transform Infrared Spectroscopy and Microscopy**
Ozek N. S., Sade A., BANERJEE S., Severcan F.
57th Annual Meeting of the Biophysical-Society, Pennsylvania, United States Of America, 2 - 06 February 2013, vol.104

Supported Projects

BANERJEE S., HÜSNÜGİL H. H., Project Supported by Higher Education Institutions, Induction of anoikis resistance in nutrient restricted colon cancer cells, 2022 - 2023

BANERJEE S., Project Supported by Higher Education Institutions, Outcomes of coactivation of low energy sensor AMP

Kinase and the nutrient sensor mTOR in nutrient restricted colon cancer cells., 2022 - 2023

BANERJEE S., Project Supported by Higher Education Institutions, Identification of kinases involved in enhanced cytoplasmic translocation and activation of the RNA binding protein HuR in cells treated with Actinomycin D, 2021 - 2022

BANERJEE S., TUBITAK Project, Genetiği Değiştirilmiş Bakterilerden Üretilen Bütirik Asitin RNA Bağlayıcı Proteinlerin Düzenlenmesi Üzerindeki Etkisi, 2018 - 2019

BANERJEE S., TORUN A., Project Supported by Higher Education Institutions, 15-LİPOKSİGENAZ-1'İN ANTİ-KANSEROJENİK FONKSİYONLARININ, PROSTAT KARSİNOMASINDA ANDROJEN RESEPTÖRÜ DURUMU ÜZERİNE BAĞIMLILIĞI, 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., Project Supported by Higher Education Institutions, AKRIB10 AŞIRI İFADELENMESİNİN HCT-116 KOLOREKTAL KANSERİ HÜCRE HATTINDAKİ FONKSİYONEL ETKİLERİ, 2017 - 2017

BANERJEE S., TUBITAK Project, C/EBPβ'nın Caco-2 Hücre Farklılaşması Sürecinde İndüklenen Otofajideki Rolünün Anlaşılması, 2014 - 2015

BANERJEE S., SADE MEMİŞOĞLU A., Project Supported by Higher Education Institutions, KOLON KANSERİ HÜCRE HATTI HT29'DA SPONTAN FARKLI LAŞMA 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 Salım 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 YOLOĞINDAKİ 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 ANTİİNFLAMATUAR 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 (LİPOSOMES), 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 İcam-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 İmmununoliposomes 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, The Invention Registration Number: TR 2015 03288 B , Standard 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

ADVANCED SCIENCE, SCI Journal, December 2022

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Universita Degli Studi di Padova, Italy, November 2022

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, University of Luxemburg, Luxembourg, November 2022

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, University of Luxemburg, Luxembourg, November 2022

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Högskolan i Örebro (University College of Örebro), Sweden, November 2022

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Centro Nazionale Investigaciones Oncológicas, Spain, November 2022

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Institut National de la Santé et de la Recherche Médicale, France, November 2022

Project Supported by Private Organizations in Other Countries, Institute of Cancer Research, England, April 2022
CELLULAR ONCOLOGY, SCI Journal, March 2022

BIOMATERIALS, SCI Journal, January 2022

TÜBİTAK International Multi-Cooperation Project, ERA.NET Project, Hacettepe University, Turkey, January 2022

TÜBİTAK International Multi-Cooperation Project, ERA.NET Project, Istanbul Technical University, Turkey, January 2022

TÜBİTAK International Multi-Cooperation Project, ERA.NET Project, Hacettepe University, Turkey, January 2022

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Karolinska Institutet (Karolinska Institute), Sweden, October 2021

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Technische Universitaet Dresden, Germany, October 2021

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, THE INSTITUTE OF CANCER RESEARCH: ROYAL CANCER HOSPITAL, England, October 2021

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, LUXEMBOURG INSTITUTE OF HEALTH, Luxembourg, October 2021

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Universita Degli Studi di Milano, Italy, October 2021

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Vlaams Instituut voor Biotechnologie,

Belgium, October 2021

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Lunds Universitet, Sweden, October 2021

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, The Spanish National Research Council , Spain, October 2020

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Universitaet Bern, Switzerland, October 2020

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, National University of Ireland, University College Cork, Ireland, October 2020

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Luxembourg Institute of Health, Luxembourg, October 2020

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Universiteit Leiden, Netherlands, October 2020

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, FIRC Institute of Molecular Oncology, Italy, October 2020

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, Universitaet Bremen, Germany, October 2020

H2020 Project, MSCA Marie Skłodowska-Curie Individual Fellowships Project, IRCCS Ospedale San Raffaele, Italy, September 2020

TÜBİTAK International Multi-Cooperation Project, ERA.NET Project, Université Catholique de Louvain, Belgium, September 2020

TÜBİTAK International Multi-Cooperation Project, ERA.NET Project, Mosiaques Diagnostics GmbH, Germany, September 2020

TÜBİTAK International Multi-Cooperation Project, ERA.NET Project, Universiteit Gent, Belgium, September 2020

TÜBİTAK International Multi-Cooperation Project, ERA.NET Project, Tomsk State University, Russia, September 2020

TÜBİTAK International Multi-Cooperation Project, ERA.NET Project, Fraunhofer Institute for Ceramic Technologies and Systems IKTS, Germany, September 2020

TÜBİTAK International Multi-Cooperation Project, ERA.NET Project, Saiba GmbH, Switzerland, September 2020

PROSTAGLANDINS & OTHER LIPID MEDIATORS, SCI Journal, August 2020

CELLULAR ONCOLOGY, SCI Journal, June 2020

CANCER MEDICINE, SCI Journal, April 2020

EUROPEAN POLYMER JOURNAL, SCI Journal, February 2020

CELL CYCLE, SCI Journal, January 2020

AUTOPHAGY, SCI Journal, January 2020

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 Politécnica 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 Politécnica 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
 CELL DEATH & DISEASE, SCI Journal, April 2019
 PLOS ONE, 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, Université Paul Sabatier: Toulouse III, 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, 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, Lund University, Sweden, 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, ElveFlow, France, 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

Scientific Consultations

Kobay Deneý Hayvanları , Scientific Consultancy, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, Turkey, 2021 - 2021
 KOBAY DENEY HAYVANLARI LABORATUARI SANAYİ VE TİCARET A.Ş, Scientific Consultancy, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, Turkey, 2020 - 2020

Mobility Activity

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

Metrics

Publication: 100

Citation (WoS): 1418

Citation (Scopus): 1475

H-Index (WoS): 21

H-Index (Scopus): 22

Invited Talks

3rd International Yeditepe University Genetics and Bioengineering Student Congress, Conference, Yeditepe University, Turkey, March 2020

Masterclass-3 Sempozyumu Kolorektal Tümörler, Seminar, Gastroenteroloji Cerrahisi Derneği, Turkey, March 2020

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

Awards

Banerjee S., Mustafa Parlar Eğitimde Üstün Başarı Ödülü, Parlar Vakfı, December 2022

Banerjee S., ODTU FEF En İyi Tez Ödülü, Middle East Technical University, July 2022

Banerjee S., ODTU FEF En İyi Tez Odulu, Middle East Technical University, October 2020

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

Banerjee S., Yılın Eğitimci Ödülü, Mustafa Parlar Vakfı, December 2017

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

Banerjee S., Kocaeli Üniversitesi Prof Dr Baki Komsuoglu Genc 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