



Curriculum Vitae

Professor Yusuf TUTAR

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RESEARCH INTEREST

- Molecular Cancer Research and Epigenetics
- Drug design, docking and molecular dynamics
- Non-coding RNA (miRNA, pseudogenes)
- Protein structure-function relationship
- Spectroscopic, calorimetric, screening methods
- Prion propagation

EDUCATION

Degree	Year	Department	University
Postdoc	2003-2005	Biochemistry and Genetics	National Institute of Health, NIDDK
Postdoc	2002-2003	Molecular Biology and Biochemistry	Rutgers University
Graduate PhD	1998-2003	Biochemistry	Texas Tech University
Graduate MSc	1996-1998	Biochemistry and Biophysics	Oregon State University
Undergraduate	1990-1994	Chemistry	Cumhuriyet University

WORK EXPERIENCE

Title	Year	Department
Prof. Dr.	2017-Current	Biochemistry Division, Faculty of Pharmacy, University of Health Sciences
	2019-Current	Molecular Oncology Program
	2021-Current	Istanbul Aydin University, Faculty of Medicine, Medical Biochemistry
	2019-Current	Arel University, Faculty of Science
	2018-2020	Molecular Medicine Program Director
	2019-2020	Tubitak-MAM Research Institute



Prof. Dr.	2013-2017	Biochemistry Division, Faculty of Pharmacy, Cumhuriyet University
Associate Prof.	2012-2013	Biochemistry Division, Faculty of Pharmacy, Cumhuriyet University
Visiting Prof.	2011	National Institutes of Health/National Cancer Institute, Rockville, USA
Associate Prof.	2008-2012	Biochemistry Division, Faculty of Medicine Cumhuriyet University
Assistant Prof.	2005–2008	Biochemistry Department, Faculty of Science, Cumhuriyet University
TA/RA	1998–2003	Biochemistry Department, Texas Tech University

TITLES

Title	Year	Department-Faculty-University
Director	2021-Current	Personalized Medicine and Immunotherapy Research Center
Molecular Medicine Head	2018-2020	Health Sciences Institute, University of Health Sciences
Biochemistry Division Head	2017-Current	Faculty of Pharmacy, University of Health Sciences
R&D Commission Member	2015-Current	Ministry of Science, Industry, and Technology
Advisory Board Member	2014-Current	Hacettepe University Advance Cancer Technologies Center
Basic Sciences Department Head	2012-2017	Faculty of Pharmacy, Cumhuriyet University
Biochemistry Division Head	2012-2017	Faculty of Pharmacy, Cumhuriyet University
Division Head	2010-2017	Biomedical Engineering, Cumhuriyet University
Director	2011-2012	Cumhuriyet Univ. Medical School Research Center
Vice Director	2009-2011	Cumhuriyet Univ. Medical School Research Center
Visiting Scientist	2011	National Institute of Health, Cancer Institute, NIH
Visiting Fellow	2003	Rutgers, UMDNJ, NJ USA

TEACHING ACTIVITIES

Undergraduate Courses

Biochemistry, Clinical Biochemistry, Biophysics, Biophysical Chemistry, General Chemistry, General Chemistry Lab, Biochemistry Lab, Food chemistry, Organic Chemistry, Fundamentals of Chemistry, Environmental Chemistry, Structure & Activity Relationships in Drugs, Molecular Biology of the Cell, Molecular Biology of the Gene, Protein Folding, Molecular Biology and Genetics.

Graduate Courses

Cancer Biochemistry, Biology of Cancer Stem Cells, Signal Pathway Cross Talk, Molecular and Cellular Basis of Diseases, Molecular Biology of Cancer Types, Biomarkers of Cancer, Diseases and Molecular Medicine, Drug Resistance and Signal Mechanisms, Molecular Research Methods, Molecular Design of Drug Candidates, Advanced Biochemistry, Biochemical Processes in Cancer, Noncoding RNAs and Cancer, Mitochondrial Dysfunction, Signal Mechanisms and Metabolites, Biophysical Techniques in Drug Design, Food and Biotransformation, Functional Foods in Cancer Research, Biochemistry of Dietetics, Food Biochemistry, Diet and Minerals, Biochemistry and Organic Chemistry, Structure and Function Relationships in Biomolecules, Advanced Food Biochemistry, Biochemical Processes in Diabetes, Mitochondrial Dysfunction in Diabetes, High Content Screening Methods, Molecular Cancer, Gen Regulation and Cell Proliferation in Cancer, Protein Engineering, Bioinformatics, Proteomics, Molecular Biotechnology, Molecular Biophysics and Instrumental Analysis, Advances in Molecular Research,



Structure and function relationships of Biochemical Macromolecules, Conformational Behavior of Biomolecules and Biophysical Methods, Bacteriology, Nucleic Acids, Fluorescence Spectroscopy and Biochemical Applications, Water and Organism's Liquids, Diet and Vitamins, Trace Minerals in Diet, Molecular and Cellular Basis of Human Diseases, Molecular Research Techniques, Diet and Cancer, Biochemical Alterations in Diet Related Diseases, Mitochondrial Disfunction in Diabetes, Biochemical Biomarkers at Pediatric Diseases.

SCI INDEXED SCIENTIFIC PUBLICATIONS

1. Involvement of Metabolites and Non-coding RNAs in Diseases.
Curr Pharm Biotechnol. 2022 Sep 21. doi: 10.2174/1389201023666220921091240. Online ahead of print.
Coskun KA, Kıyak BY, Cifci KU, Kadioglu E, Yurekli N, **Tutar Y.**
2. Silver(I) Complexes Based on Oxadiazole-Functionalized α -Aminophosphonate: Synthesis, Structural Study, and Biological Activities. **Molecules.** 2022 Nov 22;27(23):8131. doi: 10.3390/molecules27238131.
Hkiri S, Coşkun KA, Üstün E, Samarat A, **Tutar Y,** Şahin N, Sémeril D.
3. A Novel 6,8,9-Trisubstituted Purine Analogue Drives Breast Cancer Luminal A Subtype MCF-7 to Apoptosis and Senescence through Hsp70 Inhibition
Anti-Cancer Agents in Medicinal Chemistry, 2022, Sep 21. doi: 10.2174/1389201023666220921091240.
Kul P, Ergul M, Tunoglu E, Tuncbilek M, **Tutar Y.**
4. Pralatrexate for Peripheral T-cell lymphoma (PTCL): Chance only supports the prepared mind. Systematic review.
Anti-Cancer Agents in Medicinal Chemistry, 2022, Jun 10. doi: 10.2174/1871520622666220610151603.
Altınay S, Kural A, Ozmen A, Tural D, **Tutar Y.**
5. Pyrazolyl-Benzoxazinone Derivatives as Dual Hsp Inhibitors in Human Breast Cancer
Chemistry Select, 2022, 7(19), e202200359
Koca, İ., Kamaci, V., Özsoy, C., Tutar, L., **Tutar, Y.**
6. 44 Current Challenges in miRNomics.
Methods Mol Biol. 2022;2257:423-438. doi: 10.1007/978-1-0716-1170-8_19.
Akgül B, Stadler PF, Hawkins LJ, Hadj-Moussa H, Storey KB, Ergin K, Çetinkaya R, Paschoal AR, Nachtigall PG, **Tutar Y,** Yousef M, Allmer J.
7. MicroRNAs and Heat Shock Proteins in Breast Cancer Biology.
Methods Mol Biol. 2022;2257:293-310. doi: 10.1007/978-1-0716-1170-8_15.
Yıldız MT, Tutar L, Giritlioğlu NI, Bayram B, **Tutar Y.**
8. MicroRNA Targeting.
Methods Mol Biol. 2022;2257:105-130. doi: 10.1007/978-1-0716-1170-8_6.
Ghanbarian H, Yıldız MT, **Tutar Y.**
9. Performance of capecitabine in novel combination therapies in colorectal cancer.
J Chemother. 2021 Oct;33(6):375-389. doi: 10.1080/1120009X.2021.1920247.
Pouya FD, Rasmi Y, Camci IY, **Tutar Y,** Nematı M.
10. Designing Specific HSP70 Substrate Binding Domain Inhibitor for Perturbing Protein Folding Pathways to Inhibit Cancer Mechanism,
Anticancer Agents Med Chem. 2021, 21, 1472-1480.
Coskun KA, Gumus M, Koca İ, **Tutar Y.**



11. ATPase Inhibition by Omeprazole Reveals Role of Heat Shock Proteins on Testicular Torsion.
Andrologia, 2021
Guney C, Coskun KA, **Tutar Y**.
12. Computational Analysis of Drug Resistance Network in Lung Adenocarcinoma.
Anticancer Agents Med Chem. 2021 Feb 18. doi: 10.2174/1871520621666210218175439.
Kara A, Özgür A, Tekin Ş, **Tutar Y**.
13. Critical Residues in HSP70 Nucleotide Binding Domain for Challenges in Drug Design.
Current Proteomics 2021.
Ergül M, Aktan F, **Tutar Y**.
14. Perturbation of HSP Network in MCF-7 Breast Cancer Cell Line Triggers Inducible HSP70 Expression and Leads to Tumor Suppression.
Anticancer Agents in Medicinal Chemistry 2020;20(9):1051-1060.
Ergül M, Aktan F, Yıldız MT, **Tutar Y**.
15. Assessment of Plasma and Tissue Fibronectin EIIIB Splice Variant Expressions Measured Serially with RT-PCR in a Wound Model of Rabbits. **Journal of Trauma and Emergency Surgery**, 2020.
Ozkaya NK, Zereyak U, Coskun KA, **Tutar Y**, Yılmaz S. doi: 10.14744/tjtes.2020.25260
16. Targeting Long Non-Coding RNAs in Nervous System Cancers: New Insights in Prognosis, Diagnosis and Therapy- Short Commentary
Current Medicinal Chemistry 2020
Tutar Y
17. The Role of Cysteine Cathepsins in Cancer Progression and Drug Resistance
Int J Mol Sci. 2019 Jul 23;20(14)
Rudzińska M, Parodi A, Soond SM, Vinarov AZ, Korolev DO, Morozov AO, Daglioglu C, **Tutar Y**, Zamyatnin AA Jr.
18. Non-coding RNAs in lung cancer.
J Thorac Dis 2019;11(3):S245-S248.
Tutar E, **Tutar Y**. Invited Editorial.
19. Involvement of miRNAs and Pseudogenes in Cancer.
Methods in Molecular Biology, Springer, 1699, ISBN 978-1-4939-7433-7, 2018.
Tutar L, Ozgur A, **Tutar Y**.
20. Oxidative Stress in Metabolic Disorders and Drug-Induced Injury: The Potential Role of Nrf2 and PPARs Activators.
Oxidative Medicine & Cellular Longevity, 2018.
Mahmoud M, Alexander Y, **Tutar Y**, Wilkinson FL, Venditti A.
21. Determination of Optimum Operation Parameters for Low-intensity Pulsed Ultrasound and Low Level Laser Based Treatment to Induce Proliferation of Osteoblast and Fibroblast Cells
Photomedicine and Laser Surgery, 2017, DOI: 10.1089/pho.2017.4354
Coskun ME, Coskun KA, **Tutar Y**.
22. Tumor Targeting of Polymeric Nanoparticles Conjugated with Peptides, Saccharides, and Small Molecules for Anticancer Drugs, **Current Pharmaceutical Design**, 2017, 23, 1-9
Bayram B, Özgür A, Tutar L, **Tutar Y**.
23. Anti-Cancer Activities of Manganese Based Photoactivatable CO-Releasing Complexes (PhotoCORMs) with Benzimidazole Derivative Ligands. **Transition Metal Chem.**, 2017, In Press
Üstün E., Özgür A., Coskun KA, Demir S., Özdemir İ., **Tutar Y**.



24. Structure-Function Based Drug Design for Cancer Therapeutics
Current Pharmaceutical Biotechnology, 2016, 17,14, 1
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25. Design, Synthesis, and evaluation of Heat Shock Protein 90 Inhibitors In Human Breast Cancer and Its Metastasis
Current Pharmaceutical Biotechnology, 2016 17:14, 2-17.
Gümüş M, Özgür, A, Tutar L, Koca İ, **Tutar Y.**
26. Regulation of oncogenic genes by MicroRNAs and pseudogenes in human lung cancer.
Tutar Y, Özgür A, Tutar E, Tutar L, Pulliero A, Izzotti A.
Biomed Pharmacother. 2016 Aug 20; 83:1182-1190
27. Co-Releasing Properties and Anti-Cancer Activities of Novel Manganese Complexes with Imidazole/Benzimidazole Ligands. **Journal of Coordination Chemistry**, 2016
Üstün E., Özgür A., Coskun KA, Demir S., Özdemir I., **Tutar Y.**
28. Design and synthesis of pyrimidinyl acyl thioureas as novel Hsp90 inhibitors in invasive ductal breast cancer and its bone metastasis. **Eur J Med Chem**, 2016:122:280-290.
Koca İ, Özgür A, Er M, Gümüş M, Açikalin Coşkun K, **Tutar Y.**
29. Heat Shock Protein 90 Inhibition in Cancer Drug Discovery: From Chemistry to Futural Clinical Applications.
Anticancer Agents in Medicinal Chemistry, 2016. 16(3):280-90.
Ozgur A, **Tutar Y.**
30. Therapeutic Targeting of microRNAs in Cancer: Future Perspectives.
Drug Development Research, 2015. 76(7):382-8. doi: 10.1002/ddr.21273.
Tutar L, Tutar E, Ozgur A, **Tutar Y.**
31. A Novel Approach to Inhibit Heat Shock Response as Anticancer Strategy by Coumarine Compounds Containing Thiazole Skeleton.
Anticancer Agents in Medicinal Chemistry, 2015. [Epub ahead of print]
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Koca I, Gumus M, Ozgur A, Disli A, **Tutar Y.**
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Experimental Parasitology, 2015 Feb 26;153:91-97. doi: 10.1016/j.exppara.2015.02.007.
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Coskun KA, **Tutar Y.**
33. Acyl Thiourea Derivatives Containing Pyrazole Ring Selective Targeting of Human Aurora Kinases in Breast and Bone Cancer.
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Ozgur A, Yenidunya E, Koca İ, **Tutar Y.**
34. Prion; Mechanism and Function-Editorial.
Current Pharmaceutical Biotechnology, 2014, Vol. 15, No. 11.
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35. Regulation of Heat Shock Proteins by miRNAs in Human Breast Cancer.
MicroRNA Vol. 3, No.2, 2014.
Ozgur A, Tutar L, **Tutar Y.**



36. Heat Shock Protein 90 Inhibitors in Oncology.
Current Proteomics. 2014 July;11 (2):1-9.
Aykut O, **Tutar Y**.
37. Controlled Release and Drug Delivery in Diseases-Editorial.
Protein and Peptide Letters. 2014, 21 (11):1.
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38. miRNA and Cancer; computational and experimental approaches
Curr Pharm Biotechnol. 2014, 15 (5):429.
Tutar Y.
39. miRNA and Cancer; an overview.
Curr Pharm Biotechnol. 2014, 15 (5):430-437.
Tutar L, Tutar E, **Tutar Y**.
40. Synthesis, molecular docking, and antitumoral activity of alnustone-like compounds against estrogen receptor alpha-positive human breast cancer. **Turkish Journal of Chemistry**. 2014, DOI: 10.3906/kim-1408-72.
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41. The Relation Between microRNA 221, 222, 146b and p27Kip1 Protein mRNA Secretions and Clinicopathological Parameters in Thyroid Cancers and the Alteration of miRNA Secretion in the presence of Hashimoto Thyroiditis.
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Acibucu F, Dokmetas S, **Tutar Y**., Elagoz S, Kilicli F.
42. Dynamic Fluctuations Provide the Basis of a Conformational Switch Mechanism in Apo Cyclic AMP Receptor Protein.
Plos Computational Biology. 2013 Jul;9(7): e1003141.
Fas B.A., **Tutar Y**., Haliloglu T.
43. Important Clinical Applications of Protein Based Nanoparticles.
Current Proteomics. Vol 10 (4) 334-340, 2013.
Ergul M, Ergul M, **Tutar Y**.
44. Isolation and Identification of Free-Living Environmental Isolates of Amoebae Samples in Sivas, Turkey.
Biomed Research International. Volume 2013 (2013), Article ID 675145.
Coskun A., Celik S, Tutar L, Elaldi N, **Tutar Y**.
45. Reply to Letter to the Editor:
The Role of Preoperative Oxidative Stress and Mandibular Third Molar Postoperative Outcome.
Int J Oral and Maxill Surg.2013 Nov; 42(11):1500-1501.
Gulnihar Y., Kosger H. H., **Tutar Y**.
46. Gok1-Hsp40 Isolation from *Toxoplasma gondii*.
Protein and Peptide Letters, 2013 Dec; 20(12):1294-1302.
Coskun.A., Ozgur A, Otag B., Mungan M, **Tutar Y**.
47. Therapeutic Proteins.
Protein and Peptide Letters, 2013 Dec; 20(12):1365-1373.
Ozgur A., **Tutar Y**.
48. Prelude to Therapeutic Proteins.
Protein and Peptide Letters, 2013 Dec; 20(12):1293.
Tutar Y.



49. Synthesis and Anticancer Activity of Acyl Thioure as Bearing Pyrazole Moiety.
Bioorg Med Chem. 2013 Jul 1, 21(13): 3859-3865.
Koca I, Ozgür A, Coskun A, **Tutar Y.**
50. Hsp70 from *Cyprinion macrostomus macrostomus* and *Garra rufa obtuse*:
Stability and Stability-Dependent Activity. **Biochemistry** (Moscow) 2013, 78 (5) 531-538.
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51. A Comparison of Piezo Surgery and Conventional Surgery by Hsp70 Expression.
Int J Oral and Maxill Surg. 2013 Apr;42(4):508-10.
Gulnihar Y., Kosger H. H., **Tutar Y.**
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Tutar Y.
53. Neglected role of cAMP receptor protein monomer.
Mol Biol Rep. 2012 39 (4) 4261-4265.
Tutar Y.
54. Heat Shock Protein 70 Purification and Characterization from *Cyprinion macrastomus macrastomus* and
Garra rufa obtuse.
J. Thermal Biology. 2012 37 95-99.
Tutar Y., Okan S.
55. Hsp70 in Oncology.
Recent Pat DNA Gene Seq. 2011 5 (3) 214-218.
Tutar Y.
56. Heat, pH Induced Aggregation and Surface Hydrophobicity of *S. cerevisiae* Ssa1 protein.
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Tutar Y., Arslan D., Tutar L.
57. Editorial.
Curr Pharm Biotechnol. 2010 11 (2) 138.
Tutar Y.
58. Heat Shock Proteins; An Overview
Curr Pharm Biotechnol. 2010 11 (2) 216-222.
Tutar L., **Tutar Y.**
59. Prelude; Cellular Mechanics. Theme Issue.
Guest Editor **Protein and Peptide Letters** 2009 16 (6) 570.
Tutar Y.
60. Syn-, anti-, and Finally Both: cyclic AMP Conformation Altered CRP Dependent Transcription Initiation Mechanism
In *E. coli lac* Operon.
Cell. Biochem. Funct. 2008 Jun;26 (4):399-405. Review
Tutar Y.
61. Ydj1 but not Sis1 stabilize Hsp70 protein in vitro.
Biopolymers. 2008 Mar;89(3):171-174.
Tutar L., **Tutar Y.**



62. Chemical linkage at allosteric activation of *E. coli* cAMP receptor protein.
Protein Journal. 2008 Jan;27(1):21-29.
Tutar Y.
63. Therapeutic Use of Heat Shock Protein 70
Recent Patents on DNA & Gene Sequences. 2007 2 (3) 125-127
Tutar Y.
64. CRP Subunit Association and Hinge Conformation Changes in Response to cAMP binding: Analysis of C-helix Cysteine Substituted CRP.
Biochemistry 2006 45 (45) 13438-13446.
Tomlinson S.R., **Tutar Y.**, Harman J.G.
65. Effect of Salt Bridge on Transcription Activation of CRP Dependent Lactose Operon in *E. coli*.
Archives of Biochemistry and Biophysics. 2006 453 (2) 217-223.
Tutar Y., Harman J. G.
66. Heat Shock Proteins, Substrate Specificity, and Modulation of Function.
Protein and Peptide Letters. 2006 13 (7) 699-705.
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67. Key Residues Involved in Hsp70 Regulatory Activity and Effect of Co-chaperones on Mechanism of Action.
Protein and Peptide Letters. 2006 13 (7) 693-698.
Tutar Y.
68. Dimerization and Ion Binding Properties of S100P Protein.
Protein and peptide Letters. 2006 13 (3) 301-306.
Tutar Y.
69. Target Peptide Recognition by S100P Protein and Role of Central Linker Region
Protein and Peptide Letters. 2006 13 (3) 307-311.
Tutar Y.
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Genetics. 2006 172 (2) 851-861.
Tutar Y., Song Y., Masison D.C.
71. Role for Hsp70 Chaperone in *Saccharomyces cerevisiae* Prion seed replication.
Eukaryotic Cell. 2005 (2) 289-297.
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BOOKS

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75. Lymphoma
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76. Protein Detection
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77. Regulation and Dysfunction of Apoptosis
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Tutar Y.
78. Methods in Molecular Medicine
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79. Essential Techniques for Medical and Life Scientists:
A guide to contemporary methods and current applications with the protocols, Part II, Bentham, 2020.
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80. Advances in Cancer Nanotheranostics for Experimental and Personalized Medicine, Bentham 2020.
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83. Plasma Medicine: Concepts and Clinical Applications.
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84. Prion-An Overview.
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Tutar Y.
85. Biochemistry Laboratory Notes.
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Mısır M, Ozsoy C, **Tutar Y.**



86. Structure-function Studies with the CAMP Receptor Protein of Escherichia coli (<http://repositories.tdl.org/ttu-ir/handle/2346/15795>). Texas Tech, 2003
Tutar Y.
87. Biyokimya Biochemistry (Turkish)
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BOOK CHAPTERS

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89. Molecular Mechanisms of Breast Cancer Metastasis
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91. Drugs and Drug Candidates for the Treatment of Lymphoma
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Coskun KA, Tutar M, Abay EC, Yurekli N, Al M, **Tutar Y.**
92. Structure- and Design-Based Difficulties in Recombinant Protein Purification in Bacterial Expression
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Coskun KA, Yurekli N, Abay EC, Tutar M, Al M, **Tutar Y.**
93. Role of p53 in Human Cancers
P53 - A Guardian of the Genome and Beyond, Ed. Anwar M, Farooq Z, Tauseef M, Ragunathrao VAB,
10.5772/intechopen.101961
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94. Principles of Virology, Volume 2: Pathogenesis and Control, 5th Edition, Chapter 9, Therapeutic Viruses Turkish
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95. Principles of Virology, Volume 1: Molecular Biology, 5th Edition, Chapter 14, The Infected Cell, Turkish Translation.
Palme Publication. **Tutar Y.**
96. Recent Advances on Apoptosis Based Therapeutic Approaches for Cancer Targeting
DOI: 10.5772/intechopen.99202
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100. Circular Dichroism in Essential Techniques for Medical and Life Scientists: A guide to contemporary methods and current applications with the protocols, Part II, Bentham, 2020.
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104. Nanotheranostics, In Advances in Cancer Nanotheranostics for Experimental and Personalized Medicine, Bentham 2020. Tunoglu ENY, Yeman B, Tunoglu S, Bicen M, Rasmi Y, **Tutar Y.**
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106. The Effects of Bioactive Compounds Found in Spices and Seeds Against Alzheimer's Disease Functional Foods and Mental Health, Functional Foods and Mental Health, Part 4, 263-292, 2019. Yuksel A, Yilmaz AE, Bayram B, **Tutar Y.**
107. The Effect of Gluten- and Casein-Free Diets on the Symptoms of Autism Functional Foods and Mental Health, Functional Foods and Mental Health, Part 5, 293-306, 2019. Yilmaz AE, Çulfa S, **Tutar Y.**
108. Nutrients, Bioactive Compounds, and Health Benefits of Functional and Medicinal Beverages in book: Nutrients in Beverages. Eds Grumezescu A, Holbandoi A. Vol 12, p 175-235, 2019. 10.1016/B978-0-12-816842-4.00006-X Akyuz EY, Aytekin O, Bayram B, **Tutar Y.**
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Functional Foods and Cancer: Functional Foods in Integrative Oncology
ISBN-13: 978-1976255342
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OTHER SCIENTIFIC PUBLICATIONS

123. Synthesis and Characterization of Novel Calix[4]arene Schiff Base Derivatives and Cytotoxicity Effect Evaluation on Cancer Cell Lines. Cumhuriyet Science Journal. 2022, 43, 4, 629-633.
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124. A Medium for Facilitating Hepatitis B Virus Detection and Replication of the Virus.
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125. Thermogravimetric Analysis of Aminobenzoic Acid Amides FORMed with Hydroxybenzoic Acids.
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126. N-Acetyl Cysteine and Metal Nanoparticles Internalization: A Critical Methodological Aspect
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128. Effect of New Water-Soluble Dendritic Phthalocyanines on Human Colorectal and Liver Cancer Cell Lines
Journal of Natural and Applied Sciences, 2017
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129. Nutraceuticals and Its Therapeutic Applications
Journal Advanced Techniques in Biology and Medicine, 2016, 4:2
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132. Current Drug Design Studies for Hsp70 in Oncological Applications
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138. Target Specific Cancer Treatment with Carbon Monoxide Releasing Molecules.
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Tutar Y.
139. MicroRNAs in Oncology
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140. Diazepine Derivative Compounds as Heat Shock Protein 90 Inhibitor in Oncology.
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141. Inhibition of Heat Shock Protein 70 and 90 (Hsp70 and Hsp90) in Target Spesific Cancer Treatment
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142. Heat Shock Protein 90 c-Terminal Inhibitors in Cancer Treatment.
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143. Heat Shock Proteins, microRNAs, and Drug Design Studies in Medicinal Chemistry.
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144. Biomimetic marine material Chitosan and its applications.
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145. Pyrimidine Derivative Compounds as HSP90 Inhibitors in Cancer Treatment.
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146. Oral Health Related Quality of Life in Indian Patients with Tempero mandibular Disorders.
Journal of Cranio-Maxillary Diseases 2015.
Tutar Y.
147. Effect of Strontium Chloride on Experimental Bladder Inflammation in Rat.
International Scholarly Research 2014.
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148. Editorial; Drug Candidates for Heat Shock Protein 90 Inhibition.
Drug Designing 2013 (3) 1.
Tutar Y.
149. Ssa1 function in the presence of nucleotide and Ssa1 oligomeric properties.
Cumhuriyet Medical Journal2011 (33) 26-32.
Tutar Y.
150. Yeast Prions.
Basic and Clinical Sciences 2010 (1) 45-51.



Tutar Y.

AWARDS & HONORS

1. Project Performance Award, Scientific Research Council of Turkey, 2022
2. World Top Scientist ranking 2021-Oncology
3. World Top Scientist ranking 2020-Biochemistry #106
4. World Top Scientist ranking 2019-Biochemistry #114
5. Outstanding Scientist, VGood, 2021
6. Asian Council of Science Editors, 2021
7. Board Member, World Association of Medical Editors, USA, 2014
8. Visiting Scientist, National Institute of Health, Cancer Institute, 2011
9. Outstanding Young Scientist Award, Turkish National Academy of Sciences, 2008
10. Principal Investigator Fellowship, FEBS, 2007
11. Young Scientist Fellowship, FEBS, 2006
12. Fellows award for research Excellence, National Institute of Health, 2005
13. Visiting Fellow, National Institute of Health, 2003
14. University Scholarship, Texas Tech University, 2002
15. Teaching Academy Fellow, Texas Tech University, 2002
16. Outstanding Teaching Assistant, Texas Tech University, 2002
17. Outstanding Research in Biological Science, E. New Mexico University, 2002
18. Travel and accommodation award, Texas Tech University, 2001
19. Honor Society Membership, Texas Tech University, 2000-Current
20. National Scholarship for graduate studies in the USA, Turkish Ministry of Education, 1995
21. Graduated with honors, Cumhuriyet University, Turkey, 1994

EDITORIAL BOARD MEMBERSHIP

1. Oncology Letters
2. Medicine International
3. Frontiers in Oncology, section Molecular and Cellular Oncology
4. Medicinal Chemistry
5. Anti-Cancer Agents in Medicinal Chemistry, Perspective Editor
6. Protein and Peptide Letters, Section Editor
7. Bentham Medicinal Sciences eBook Advisory Board
8. World Journal of Clinical Cases
9. Current Chemical Biology
10. Diseases A to Z: From Molecular Mechanisms to Drug targets and Current Clinical Drug Treatments, Book Series
11. Turkish Journal of Biology
12. Current Signal Transduction Therapy
13. Drug Delivery Letters
14. Clinical Cancer Drugs
15. Turkiye Klinikleri Journal of Medical Sciences, Biochemistry Section Advisory Board
16. Tutar Y., "Essential Techniques for Medical and Life Scientists: a guide to contemporary methods and current applications with the protocols-Volume 3" e-Book, Bentham Publications, 2023.
17. Tutar Y., "Cancer Metastasis", In Tech 2022.
18. Tutar Y., "New insights on the implications of adipocytokines in obesity, type 2 diabetes mellitus, metabolic dysfunctions & cardiovascular diseases and the therapeutic interventions", Frontiers in Physiology, 2021.



19. Tutar Y., “Cellular and Molecular Mechanism of Oxidative Stress and Regulation of Heat Shock Proteins”, Oxidative Medicine & Cellular Longevity, 2021.
20. Tutar Y., “High Content Screening”, Anticancer Agents in Medicinal Chemistry, 2021.
21. Sauer H, Ahmed RR, Mercer P, Ahmed OM, Tutar Y, “New Insights on Implications of Adipocytokines in Obesity, Metabolic Dysfunction, Rheumatoid and Cardiovascular Diseases: Potential of Therapeutic Interventions” Frontiers in Physiology, 2020.
22. Tutar Y., “Targeting Protein-Protein Interactions in Next Generation Cancer Therapy”, Frontiers in Clinical Drug Research, 2019.
23. Tutar Y., “MicroRNA-related polymorphisms in infectious and inherited diseases”, Frontiers in Genetics, 2020
24. Tutar Y., “Noncoding RNAs in Cancer Theranostics: From Molecular Basis to Therapeutic Implications”, Current Pharmaceutical Biotechnology, 2021.
25. Tutar Y., “Regulation and Dysfunction of Apoptosis”, In Tech 2021.
26. Tutar Y., “Essential Techniques for Medical and Life Scientists: a guide to contemporary methods and current applications with the protocols-Volume 2” e-Book, Bentham Publications, 2020.
27. Tutar Y., “Lymphoma”, In Tech 2021.
28. Tutar Y., “Protein Detection”, In Tech 2021.
29. Tutar Y., “Advances in Cancer Nanotheranostics for Experimental and Personalized Medicine”, Bentham 2020.
30. Tutar Y., “Essential Techniques for Medical and Life Scientists: a guide to contemporary methods and current applications with the protocols” e-Book, Bentham Publications, 2015
31. Tutar Y., “Molecular Medicine”, In Tech 2020.
32. Tutar Y., “Bentham Science Ambassador”, Bentham, 2019.
33. Tutar Y., “Non coding RNA”, Theme Issue, Current Pharmaceutical Biotechnology, 2020.
34. Tutar L, Tutar Y., “Plasma Medicine-Concepts and Clinical Applications”, e-Book, 2018.
35. Tutar L, Tutar Y., “Current Understanding of Apoptosis”, In Tech, 2018.
36. Tutar Y., “Oxidative stress in metabolic and drug-induced disorders: the potential role of Nrf2 and PPARs activators”, Oxidative Medicine & Cellular Longevity, 2016.
37. Tutar Y., “Prion; an overview” e-Book, In Tech Publications, 2016.
38. Tutar, Y., “Prion”, Current Pharmaceutical Biotechnology, Theme Issue, 2014.
39. Tutar, Y., “miRNA and cancer”, Current Pharmaceutical Biotechnology, Theme Issue, 2014.
40. Tutar, Y., “Controlled Drug Release”, Protein and Peptide letters, Theme Issue, 2014.
41. Tutar, Y., “Therapeutic Proteins”, Protein and Peptide letters, Theme Issue, 2013.
42. Tutar, Y., “Therapeutic use of Heat shock proteins and essential factors in prognosis, diagnosis and treatment of neurodegenerative and metabolic diseases”, Current Pharmaceutical Biotechnology, Theme Issue, 2010.
43. Tutar, Y., “Heat Shock Proteins”, Protein and Peptide letters, Theme Issue, 2009.
44. Instant Notes in Biochemistry 3rd Edition (Hames D., Hooper N.), Taylor & Francis. Translational Editor and Reductor ISBN 978-605-395-288-6 Nobel Publication (1479) 2010.

PROJECTS

Development of Pyrazolyl Coumarin Derived Agents with Effective Anticancer Properties in Different Breast Cancer Immune Subtypes / Resistant Lines as New Generation Drugs / Pharmaceutical R&D
Health Technologies Platform, 2022
Koca İ, Amount Y, 2022

Preparation of Boron Doped Composite Carbon Quantum Dots and Boron Doped Carbon Quantum Dots, Biodistribution Investigation and Pharmacokinetic Evaluation
Tubitak 1001, 122S595, 2022
Değim İT, Tutar Y.



Examination of 1-deoxysphingolipid and polyamines circulating in maternal, uterine and umbilical venous blood in women with placental syndrome who underwent cesarean section

Tubitak 1002, 122S595, 2022

Tutar Y

Modulatory Roles of Transient Receptor Potential Vanilloid 4 Channel (Trpv4) and Formyl Peptide Receptor 1 (Fpr1) in Uterine Activity Disorder.

Tubitak 1002, 122S181

Relationship between renal cell carcinoma types and non-coding RNA

SBUBAP 2022/143

Gurbuzel M, Tutar Y.

Activity of TGF- β /BMP/SMAD pathway in cervical tissue in cases diagnosed as chronic cervicitis after hysterectomy-

Tubitak 1002, 122S701

Investigation of Effects of HSP Inhibitors on Adrenocortical Cancer Cell Line

SBUBAP 2022/024

Batman A, Tutar Y.

Design, Synthesis and Anticancer Studies of Quinoxalinone-Thiazole Hybrid Structures

Tubitak 1001, 122Z056, 2022

Gumus M, Sert Y, Capan İ, Koca İ, Tutar Y.

Investigation of Genetic Mechanisms Related to Energy Metabolism of Carbohydrate-Containing Beverages (sports drink, dextrose and sweetener) in Muscle Cells. BAP-2022-093

Yuksel A, Tutar Y.

Identification of New Generation Drug Candidate Molecules for Colorectal Carcinoma, Investigation of Synergetic Effects with Clinical Drugs

BAP-2022-172.

Pamuk S, Tutar Y.

Comparison of metabolic gene expressions and histopathological data in paraffin block sections of patients with malignant melanoma

BAP-2022-090.

Yalcin O, Tutar Y.

Investigation of Drug Interaction Mechanisms in Lung Cancer Subtypes

SBUBAP 2021/165

Demirbilek M, Tutar Y.

Investigation of the Effects of Some Fermented Foods on Cancer Cells

SBUBAP 2021/042

Gülüm L, Tutar Y.

Investigation of the Synergetic Effects of Paclitaxel and HSP Inhibitors on MCF-7

SBUBAP 2020/101

Tunoğlu ENY, Tutar Y.

Designing Lateral flow immunoassay Kit for COVID-19

Tuseb, 2020

Partner, Tutar Y



Development of Neutralizing Antibody Against COVID-19

Tubitak 1004, 2020

Partner, Tutar Y

Synthesis and Determination of Anticancer Activities of Novel Hybrid Heterocyclic Compounds Containing Pyrazole-Diazepine Rings

SBUBAP 2020/107

Tutar Y.

Synthesis, Characterisation, and Anticancer Activity of New Salicylate and Indazole Derivative Compounds from Aryl Hydrazone Templates.

Tubitak 219Z142, 2020

Koca I, Tutar Y

Breast Cancer Personalized Medicine Collaboration Project

Tuseb, 2020

Tutar Y

Obesity Personalized Medicine Collaboration Project

Tuseb, 2020

Tutar Y

Effect of arginine, glutamine and B-hydroxy B-methyl butyrate mixture in dextran sodium sulfate-induced experimental colitis model

SBUBAP 2019/019

Akyuz E, Tutar Y.

Designing Drug for *Toxoplasma Gondii* Bradyzoite Form

SBU-BAP 2018-046

Tutar Y

Mitochondrion and Cytosolic Factors That Regulate Apoptosis

SBU-BAP 2017-041

Tutar Y

Determining Drug Targeting Allosteric Regions of ATM Enzyme at Molecular Level

Tubitak 116Z360, 2018

Advisor, Tutar Y.

CCHF Vaccine, Horizon 2020 Project

EU, 2017

Partner, Tutar Y.

Comparison of Local ECM on Wound and Soluble Fibronectin in the Blood During Wound Healing and Evaluation the Correlation in Between These Parameters.

Kurt N, Coskun KA, Tutar Y

CUBAP, 2016

Synthesis and Anticancer Activity Studies of New Hybrid Heterocyclic Compounds Containing Pyrazole Coumarin Rings

Tubitak 116Z053

Koca I, Tutar Y



Investigation of human Hsp70 Protein Inhibition Mechanisms for Drug Designing.

Tubitak, 2014, 114Z365. COST Project.

Tutar Y.

Investigation of Pyrazole Derivatives Effect on Colon, Liver, and Breast Cancer Lines.

CUBAP, 2013.

Tutar Y.

Isolation of Heat Shock Protein 40, 70 and 100 from *Toxoplasma Gondii* and Biochemical Characterization.

Tübitak, 2012, 110T928.

Tutar Y.

Chemosensitization and Modification of Epigenetic Abnormalities in Colorectal Cancer Patient Cell Lines.

CUBAP, 2011, T-464.

Şen M., Sezgin İ., Turan M., **Tutar Y.**, Karadayı K., Köksal B., Özer H., Tuncer E.

Lymph Nodes in Gastric and Colon Tumors; A Genetic Analysis.

Karadayı K., Sezgin İ., Turan M., **Tutar Y.**, Köksal B., Özer H., Tuncer E.

CUBAP, 2011, T-465.

DNA Sensor Development Against *Toxoplasma Gondii*.

Gökçe G., Gürsan AE., **Tutar Y.**, Elik A., Özçelik S., Güney M.

CUBAP, 2011, EGT-022.

A Novel Method to Design and Augment Catalytic Activity of Cross-linked Enzyme Aggregates.

Salgin U, Salgin S., **Tutar Y**

CUBAP, 2010, M-401.

The use of Cyprinidae fish family as model for aging and neurodegenerative diseases.

National Academy of Sciences, 2008.

Tutar Y.

Exploring Transcription Initiation; Structural changes and important factors affecting the mechanism.

Tubitak, 2007.

Tutar Y., Haliloğlu T.

Perturbation of Hsp70 Structure Through Stress and Variety of Nucleotides

Arslan D., **Tutar Y.**

CUBAP 2006

Cellular Factors to Prevent Diseases Formed by Amyloid Formation

Tübitak 2006.

Tutar Y.

Effects of co-chaperons on prion aggregation and cell growth,

DPT, 2005.

Tutar Y.

Mutations in SSA1 protein reveals inter domain communication and mechanism of prion propagation in yeast,

National Institutes of Health, 2004.

Masison D.C., **Tutar Y.**



Conserved and distinct functions of mammalian Hsp70 isoforms in growth and prion propagation in yeast,
National Institutes of Health, 2003.
Masison D.C., **Tutar Y.**

CRP Interaction with cAMP Affects CRP cAMP Binding Constants, cAMP Binding Cooperativity and CRP Allostery,
Texas Tech University, 2001.
Harman J.G., **Tutar Y.**

Effect of Salt bridge on Transcription Activation of CRP Dependent Lactose Operon in *E. Coli*,
Texas Tech University, 1999.
Harman J.G., **Tutar Y.**

PATENTS

1. **Heat Shock Protein 70 (HSP70) Inhibitor and Its Synthesis**
Tutar Y, Koca İ, Coşkun K, Gümüş M. 2018/0379
2. **Developed method for the anticancer properties of ES3707 (pyrazole-coumarin containing heterocyclic structure) and to increase the susceptibility of doxorubicin resistant and triple negative cells to antitumor agents.**
Tutar Y, Koca İ, Gümüş M, Tunoğlu E, Coşkun K. 02.01.2023-199645
3. **Preparation of Lyophilized Extracts as Immune System Modulator and Apoptotic Anticancer Treatment Agent.**
Tutar Y, Gulum L. 02.01.2023-199638
4. Four pending patents

CONFERENCES / INVITED SPEECHS

**Targeting HSP90 and Co-chaperones for Breast Cancer Drug Design
Medicine in Transition – More Precise, More Integrative, More Sustainable
Workshop, Medical OMICS. As part of the 67th GMDS Annual Meeting and
the 13th TMF Annual Congress, 2022**
Tutar Y, *Invited Keynote Speaker*

**Heat Shock Proteins: Boon od A Bane in Cancer Mechanism. Chemistry and Medicine from Theory to Practice
Scientific and Practical Conference. Bukhara, Uzbekistan, 2022**
Tutar Y, *Invited Keynote Speaker*

**Dissolving Combinatory Effects to Make Innovative Breast Cancer Drugs
ICAZ, 2022**
Tutar Y, *Invited Keynote Speaker*

**Cancer Metastasis and Drug Resistance
Johannes Gutenberg University, Pharmacy and Biochemistry Faculty, 2022**
Tutar Y, *Invited Speaker*



The Role of Modeling in the Synthesis of Biologically Active Substances.
Actual Problems of Modern Physics. International scientific and scientific-technical conference materials, 2022.
Niyazov LN, **Tutar Y.**

Targeting Heat Shock Proteins: The Next Generation Agents of Breast Cancer Treatment
VIII. International Congress of Molecular Medicine, 2021
Tutar Y, Invited Speaker

Heat Shock Protein Inhibitors Leads Apoptosis of Senescent Cells in Lung Cancer Cells
IV. 4th International Conference on Applied Zoology, 2021
Tutar Y, Invited Speaker

Anti-cancer Drug Development Strategies
Bukhara State University, Uzbekistan, 2021
Tutar Y, Invited Speaker

An effective drug design for anticancer treatment: Hsp inhibitors
ICACCHE, Skopje, 2019
Tutar Y, Invited Speaker

Opening Lecture of Health Sciences University, 2019,
Tutar Y.

Health Technologies Symposium, University of Health Sciences
Discovery of Disease Mechanisms and Modeling of Biochemical Pathways in Drug Targeting, 2019.
Tutar Y, Invited Speaker

Nanotechnology in Cancer Diagnosis and treatment
ERÜ, Kayseri, 2019
Tutar Y, Invited Speaker

Drug Designing in CCHF
CCHF Workshop, Sivas, 2019
Tutar Y, Invited Speaker

Hsp Inhibitor Regulates Metabolite Coordination in Breast Cancer Cell Line.
COST Meeting, Tenerife, 2018.
Tutar Y, Invited Speaker

Hsp70 inhibitor and its derivatives offer superior properties for anti-cancer treatment.
COST Meeting, Malta, 2018.
Tutar Y, Invited Speaker

Breast Cancer and Hsp Inhibitors as Drug Candidates.
Uskudar University, İstanbul, 2018.
Tutar Y, Invited Speaker

Benzodiazepine Inhibitors As Anticancer Agents Against Human Breast Cancer
COST Meeting, Lizbon, 2017.
Tutar Y, Invited Speaker

Cytotoxic effects of Hsp70 inhibitors MKT-077 and VER-155008 on breast cancer cells MCF-7,
2nd Gazi Pharma Symposium Series, 2017.
Ergul M, Aktan F, **Tutar Y.**



Site-directed mutations on Hsp70 NBD decrease the protein folding function.

2nd Gazi Pharma Symposium Series, 2017.

Ergul M, Aktan F, **Tutar Y.**

Hsp70 inhibitor PES, down-regulate several cancer-related genes on breast cancer cells.

2nd Gazi Pharma Symposium Series, 2017.

Ergul M, Aktan F, **Tutar Y.**

Pseudogenes and Apoptosis in Cancer

DNA Day and Genome Congress, Kirsehir, 2017

Tutar Y, Invited Speaker

Small Molecule Inhibition Strategy Among Coordinating and Cooperating Chaperones

DNA Day and Genome Congress, Kirsehir, 2017

Tutar Y, Speaker.

Interacting Network Macromolecules Between Cytosol and Mitochondria in Cancer Cells

DNA Day and Genome Congress, Kirsehir, 2017

Tutar L, **Tutar Y**, Tutar E.

Pseudogenes and miRNAs in Different Cancer Types

DNA Day and Genome Congress, Kirsehir, 2017

Tutar Y, Tutar E.

Anticancer Activities of COST Plant Extracts in Target Specific Cancer Chemotherapy

3rd Meeting Krakow, Poland, 2017, Speaker.

Ozgür A, **Tutar Y.**

Inhibition and Docking Studies of New Pyrimidinyl Acyl Thioureas Compounds as HSP90 Inhibitors,

Second Symposium on EuroAsian Biodiversity (SEAB-2016), Antalya-Turkey, 2016.

Koca İ., Özgür A., Er M., Gümüş M., Coşkun K. A., **Tutar Y.**

Inhibition Studies of Novel Coumarine Derivatives as HSP90 and HSP70 Inhibitors,

Second Symposium on EuroAsian Biodiversity (SEAB-2016), Antalya-Turkey, 2016.

Gümüş M., Koca İ., Coşkun K. A., **Tutar Y.**, Dişli A.

Heat Shock Proteins in Targeted Cancer Chemotherapy

2nd International Electronic Conference on Medicinal Chemistry. DOI: 10.3390/ecmc-2-A030, e-congress, 2016.

Tutar Y, Ozgur A

Dual Targeting of Hsp70 and Hsp90 with pyrimidinyl acyl thiourea inhibitors

COST Action CM1407 1st Training School, Belgrad, Sırbistan, 2016.

Coşkun KA, Gumus M, Koca I, **Tutar Y.**

An Efficient Interface Inhibitor for Hsp70 and Its Cochaperone Complexes

Centro de Investigaciones Biologicas, COST, Madrid, Spain, 2016.

Tutar Y. Speaker.

Isolation and Characterisation of Heat Shock Protein (tgHsp70) from Infective *T. gondii* RH Strain

23. National Biology Congress, Gaziantep, 2016.

Tutar L, Coşkun KA, **Tutar Y**, Tutar E, Ozgur A.



Designing Heat Shock Protein 70 Inhibitor to Inhibit Cancer Progression Pathways

11th International Conference on Protein Stabilisation, Istanbul, 2016.

Coskun KA, Tutar Y.

Designing Substrate Binding Inhibitor for Heat Shock Protein 70 as Anticancer Agent.

Sapienza University, Roma, 2015, COST, *Invited Speaker*.

Tutar Y.

A Novel Approach to Inhibit Heat Shock Response as Anticancer Strategy by Designing Innovative Drug Candidates.

KOÇ University, Istanbul 2015, *Invited Speaker*.

Response of *Toxoplasma Gondii* To Different Stress Factors and Characterisation of Its Heat Shock Proteins 100, 70, and 40.

AREL University, Istanbul, 2015, *Invited Speaker*.

Tutar Y.

Inhibition of Heat Shock Response as Anticancer Strategy by Coumarine Compounds,

3rd Anticancer Agent Development Congress, Izmir, 2015.

Tutar Y.

Investigation of human Hsp70 protein inhibition mechanisms for drug designing,

3rd Anticancer Agent Development Congress, Izmir, 2015.

Tutar Y.

Effect of LIPUS at Different Parameters on Osteoblast Cells

22. International Turkish Prosthodontics and Implantology Society Scientific Congress, Antalya, 2015

Coşkun ME, Coşkun KA, Özgür A, Tuğut F, Tutar Y.

The effects of strontium chloride on experimental bladder inflammation in rat.

Korgali E, Dundar G, Acikalin K, Akyol M, Tutar Y, Ayan S, Gokce G, Gultekin EY.

ICS 2014, Rio de Janeiro, 2014.

Heat Shock Protein 90 Inhibitors in Cancer Drug Discovery.

MCB2014; Joining forces in pharmaceutical analysis and medicinal chemistry

Groningen, Hollanda, 2014.

Özgür A, Koca İ, Gümüş M, **Tutar Y.**

A Novel Approach to Inhibit Hsp90 Dimerization as Anticancer Strategy by Coumarine Compounds Containing Thiazole Skeleton, Trabzon, 2014, *Invited Speaker*.

Tutar Y.

Bioinformatics and Medicinal Informatics

A Novel Approach to Inhibit Hsp90 Dimerization as Anticancer Strategy by Coumarine Compounds,

Izmir, 2014. *Invited Speaker*.

Koca İ, Gümüş M, Özgür A, Dişli A, **Tutar Y.**

Protein Purification and Characterization

Recombinant Protein Expression and Purification Winter School, Tokat 2014, *Invited Speaker*.

The Relation Between microRNA 221, 222, 146b and p27Kip1 Protein mRNA Secretions and Clinicopathological Parameters in Thyroid Cancers and the Alteration of miRNA Secretion in the presence of Hashimoto Thyroiditis.

ENDO 2013 - The Endocrine Society's Annual Meeting, CA, USA, 2013.

Acibucu F, Dokmetas S, Elagoz S, Kiliçli F, **Tutar Y.**



The effects of strontium chloride on experimental bladder inflammation in rat.

Cengiz KB, Korgali E, Dündar G, Coskun KA., Akyol M., Tutar Y., Ayan S, Gokce G, Gultekin E.Y.
9th South Eastern European Meeting, Thessaloniki, Greece, 2013.

The effects of strontium chloride on experimental bladder inflammation in rat.

13th National Functional Urology and Female Urology Congress, Antalya, 2013.
Korgali E., Dündar G., Coskun KA., Akyol M., Tutar Y., Ayan D.M., Ayan S., Gökhan G., Gultekin E.Y.

Isolation and characterization of Hsp70 gene from *Acanthamoeba bacastellanii*

18. National Parasitology Congress. Denizli, 2013.
Coskun K.A., Ozcelik S., Ozgur A., Tutar Y.

A new therapeutic approach to colon and liver cancer through dendric lead (II) phthalocyanines.

IV. National Inorganic Chemistry Congress, Tokat, 2013.
Yabas, E., Sülü, M.; Ozgur, A., Tutar, Y.

Response of *T gondii* to Different Stress Factors and Characterisation of its Heat Shock Proteins

The 30th World Congress of Biomedical Laboratory Science, IFBLS Berlin, Germany, 2012. Speaker.
Tutar Y.

Protein aggregation and neurodegenerative diseases.

PCB Net, Sheffield, England, 2012. Speaker.
Tutar Y.

Dynamic fluctuations provide the basis of a conformational switch mechanism in apo Cyclic AMP Receptor Protein,

Workshop on Identifying Allosteric Sites as Potential Drug Targets, University of Edinburgh, Edinburgh, UK, 2012.
Aykaç Fas B, Tutar Y, Haliloğlu T.

NCI-60 Analysis by Cell Miner.

IV. Cancer Research Congress, Bursa, 2012. Speaker.
Tutar Y.

An approach to next generation anticancer compounds in colon cancer.

IV. Cancer Research Congress, Bursa, 2012.
Koca I., Coşkun K., Özgür A., Tutar Y.

Synthesis and anticancer activity of acyl thioureas bearing pyrazole moiety.

1st Drug Chemistry, Production, Technology and Standardization Congress, Antalya, 2012.
Koca I, Özgür A, Coskun KA, Tutar Y.

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1st Drug Chemistry, Production, Technology and Standardization Congress, Antalya, 2012.
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TUBA-GEBİP, İstanbul Sabancı University, 2010, Speaker.

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XXIV. National Chemistry Congress, Zonguldak Karaelmas Üniversitesi, 2010, Speaker.

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Monomer-Dimer Equilibrium of CRP

International Bioengineering Meeting, İzmir, 2010, Speaker.

Tutar Y.

CRP Sub-unit exchange

Atatürk University, Erzurum, 2010, Invited Speaker.

Tutar Y.

CRP Structure and Function

XXI National Biochemistry Congress, İstanbul, 2009, Invited Speaker.

Tutar Y.

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TUBA-GEBİP, Zonguldak, 2009, Speaker.

Tutar Y.

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21st IUBMB and 12th FAOBMB International Congress of Biochemistry and Molecular Biology, Shanghai, China, 2009, Speaker.

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TUBA-GEBİP, İstanbul, 2008, Speaker.

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Biophysical Society Annual Meeting, San Antonio, TX, USA, 2003, Speaker.

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Graduate and professional SGA, Lubbock, TX, USA, 2003.

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Student research conference, Portales, NM, USA, 2002, Speaker.

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Graduate and professional SGA, Lubbock, TX, USA, 2002.

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American Chemical Society Regional Meeting, Albuquerque, NM, 2002, Speaker.

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American Chemical Society Annual Meeting, Austin, TX, USA, 2002, Speaker.

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Protein Folders, Camp Allen, TX, USA, 1999.

Tutar Y., Gribenko A., Makhatadze G.I.

MEMBERSHIPS

Biophysical Society, Member, Bethesda, MD

American Chemical Society, Member, Columbus, OH

Honors Fraternity, Member, Lubbock, TX

Turkish Biochemistry Society, TURKEY