Curriculum Vitae

Prof. Dr. Sibel SÜZEN

Date and Place of Birth	: 22-09-1964 / Istanbul
Current Position	: Professor of Pharmaceutical Chemistry / Vice Rector
Address	: Ankara University Faculty of Pharmacy Department of Pharmaceutical Chemistry 06100 Tandogan, Ankara, Turkey
E-Mail	: sibel@pharmacy.ankara.edu.tr ; sibel2264@gmail.com
URL:	: http://cv.ankara.edu.tr/sibel@pharmacy.ankara.edu.tr
Phone	: +90 312 22033074, Fax : +90 312 213 1081
Mobil	: +90 533 3915844

Foreign Language: English (Advanced fluent speaking and writing)

Education

Phd Degree:	University of Swansea, Chemistry Department, UK (1997)
MSc Degree:	Ankara University, Faculty of Pharmacy, Department of Pharmaceutical Chemistry, Turkey (1990)
Bachelor's degree:	Ankara University, Faculty of Pharmacy, Turkey (1985)

Academical Background

2008	**Full Professor** at Ankara University, Faculty of Pharmacy, Department of Pharmaceutical Chemistry
2002	**Associate Professor** at Ankara University, Faculty of Pharmacy, Department of Pharmaceutical Chemistry
2000	**Assistant Professor** at Ankara University, Faculty of Pharmacy, Department of Pharmaceutical Chemistry
1997	**PhD**, University of Swansea, Chemistry Department, UK
1989	**Master Degree**, Ankara University, Faculty of Pharmacy, Department of Pharmaceutical Chemistry
1985	Ankara University, Faculty of Pharmacy

Administrative Charges

- Vice Rector of Ankara University (2019-)
- EDQM: European Farmacopea expert in Group 10D (Semi synthetic and synthetic compounds) (2011-)
- Coordinator of the English Programs of Ankara University (2017-)
- Erasmus Institutional Coordinator of Ankara University (2012-)
- EU Educational Programs Institutional Coordinator of Ankara University (2012-)
- Internationalization Coordinator of Ankara University (2015-)
- International Student's Coordinator of Ankara University (2015-)
- Mevlana International Exchange Program Coordinator of Ankara University (2018-)
- Departmental Erasmus coordinator of A.U Faculty of Pharmacy (2004-)
- Member of European University Association, Intuitional Evaluation Program committee of AU, Faculty of Pharmacy (2004-2005)
- Member of Evaluation of Foreign Pharmacy Faculties for Accreditation committee of AU, Faculty of Pharmacy (2003-2004)
- Member of 5th year Education Program Committee of AU, Faculty Pharmacy (2004)
- European Union General Educational Coordinator of AU, Faculty Pharmacy (2003-2010)
- Member of Executive Committee of Turkish Association of Pharmaceutical and Medicinal Chemistry (2002- 2006)
- Member of Faculty Council (2006-2008)
- Professional English Language coordinator of Pharmacy Faculty

Editorial Board Member

Enzyme Inhibition and Medicinal Chemistry (2009-)
Journal of Pharmaceutics (2011- 2017)
Current Enzyme Inhibition (2015-2018)

Projects

Design and synthesis of aldose reductase inhibitors and in-vitro/in-vivo evaluation of enzyme activities (Ankara Univ. Research Found 88.03.00.01), (1988).

Effects of retinoidal benzimidazoles on free radicals and lipid peroxidation (TUBITAK Project SBAG-AYD-44), (1990).

Synthesis of new compounds against radiation and biological evaluation (Ankara Univ. Research Found 99.03.00.03), (1999).

Synthesis and antioxidant activity studies of melatonin derivatives against radiation (Ankara Univ. Research Found 2001-08-03-09), (2001)

Electroanalitical investigation of some antiviral and antibacterial drugs (Ankara Univ. Research Found 20030803037), (2003)

Synthesis and biological evaluation of aldose reductase inhibitor compounds (Ankara Univ. Research Found 20050803051), (2005)

Analysis of phytoestrogens in plants TUBITAK Proje 108S202 (SBAG-4039), (Ankara-2008)

Development of New Melatonin Analogue Antioxidant drugs: Evaluation of Biological Activity, Cytotoxicity and in-vitro metabolites by electrochemistry (Tübitak 109S099), (2009)

Development of Indole and carbazole derivative drug active substances: Evaluation of antioxidant and chemopreventive activity in cancer. (Tübitak 112S599), (2013)

Investigation of mechanisms of estrogen carcinogenesis as target for anticancer drugs (Tübitak 117S065) (2017)

Books/Chapters

1. Gurer Orhan H, **Suzen S**, Csont TB, Pohanka M, Nejman-Falenczyk B, Wegrzyn G, Saso L. In Vitro Methods for the Evaluation of Oxidative Stress Pp. 131-172 (42) Book: Recent Advances in Analytical Techniques Vol. 2 Novel Developments in Pharmaceutical and Biomedical Analysis. http://ebooks.benthamscience.com/book/9781681085746; DOI: 10.2174/9781681085746 1180201, 2018
2. **Suzen S**. Melatonin and Its Antiaging Activity: New Approaches and Strategies for Age-Related Disorders. Book: Molecular Basis and Emerging Strategies for Anti-aging Interventions, Rizvi, Syed Ibrahim, Çakatay, Ufuk (Eds.), Pages 217-235, Springer, ISBN 978-981-13-1699-9, 2018
3. **Suzen S.** Evaluation of synthetic melatonin analogue antioxidant compounds. Book: Melatonin: Therapeutic Value and Neuroprotection. Srinivasan V, Gobbi G, Shillcutt S.D, Suzen S (Eds). Publisher: Boca Raton: Taylor & Francis, (2015), Chapter 21, p. 259-269. ISBN: 9781482220100 1482220105
4. Electroanalytical Methods in Pharmaceutical Analysis and Their Validation. Ed. Ozkan, S.A., Medicinal and Pharmaceutical Applications and prospects of

Electrochemistry, **Suzen, S.**, and Ozkan, S.A. ISBN: 978-0-9664286-7-4, NHB Publishing, 2010.

5. **Suzen S**. Topics in Heterocyclic Chemistry, Bioactive Heterocycles V, Chapter : "Antioxidant Activities of Synthetic Indole Derivatives and Possible Activity Mechanisms", Khan, M.T.H. (Ed.), Vol. 11 Page 145-178 (2007) Spinger-Verlag Berlin Heidelberg.

Guest Editor

Saso L, Kukreti R, **Suzen S**. Modulation of Oxidative Stress: Molecular and Pharmacological Aspects. Int J Mol Sci (ISSN 1422-0067). 2019, This special issue belongs to the section "Molecular Pharmacology".

Suzen S, Saso L. Organic compounds as modulators of oxidative stress: chemical and biological aspects. Curr Org Chem. 2017:21(20):2029

Borges F, Garrido J, Saso L, **Suzen S**. Oxidative stress as a pharmacological target for medicinal chemistry: synthesis and evaluation of compounds with redox activity. Part 4. Curr Top Med Chem. 2015;15(9):821

Borges F, Garrido J, Saso L, **Suzen S**. Oxidative stress as a pharmacological target for medicinal chemistry: synthesis and evaluation of compounds with redox activity. Part 3. Curr Top Med Chem. 2015;15(5):414.

Borges F, Garrido J, Saso L, **Suzen S**. Oxidative stress as a pharmacological target for medicinal chemistry: synthesis and evaluation of compounds with redox activity. Part 2. Curr Top Med Chem. 2015;15(2):84.

Borges F, Garrido J, Saso L, **Suzen S**. Oxidative stress as a pharmacological target for medicinal chemistry: synthesis and evaluation of compounds with redox activity. Part 1. Curr Top Med Chem. 2014;14(22):2461

Borges F, Saso L, Garrido J, **Suzen S**. Synthesis, evaluation and pharmacological applications of antioxidants- Part 1. Curr Med Chem. 2013;20(36):4435.

Borges F, Saso L, Garrido J, **Suzen S**. Synthesis, evaluation and pharmacological applications of antioxidants- Part 2. Curr Med Chem. 2013;20(36):4435

Suzen S, Saso L. Editorial: antioxidant heterocyclic compounds in drug discovery and medicinal chemistry. Mini Rev Med Chem. 2013 Mar;13(3):317.

Suzen, S. Combinatorial Chemistry and High Throughput Screening: Editorial (2006) Combinatorial Chemistry and High Throughput Screening, 9 (6), 407.

Selected International Publications (SCI / SCI expanded)

Karaaslan C, Ince E, Gurer-Orhan H, Tavakkoli M, Firuzi O, Saso L, **Suzen S**. Behaviour of 9-ethyl-9_H_-carbazole hydrazone derivatives against oxidant systems: protective effect on amyloid β-induced damage. (2019) *Croat Chem Acta*, In Press

Telkoparan-Akillilar P, **Suzen S**, Saso S. Pharmacological Applications of Nrf2 Inhibitors as Potential Antineoplastic Drugs. (2019) *Int J Molecular Sci* (IJMS), (ISSN 1422-0067), In press

Hilgeroth A, Yasrebi K, **Suzen S**, Hertlein T, Ohlsen K, Lalk M. Antibacterial Evaluation of Novel Substituted Cycloheptaindoles in Staphylococcus and Enterococcus strains. (2019) *Med Chem*. Feb 8. doi: 10.2174/1573406415666190208170126. [Epub ahead of print]

Ozcan-Sezer S, Ince E, Akdemir A, Ceylan ÖÖ, **Suzen S**, Gurer-Orhan H. Aromatase inhibition by 2-methyl indole hydrazone derivatives evaluated via molecular docking and in vitro activity studies. (2019) *Xenobiotica*. May;49(5):549-556. doi: 10.1080/00498254.2018.1482029. Epub 2018 Sep 12.

Gurer-Orhan H, Ince E, Konyar D, Saso L, **Suzen S**. The Role of Oxidative Stress Modulators In Breast Cancer. (2018) *Curr Med Chem*. 25(33):4084-4101.

Suzen, S. Recent Studies and Biological Aspects of Substantial Indole Derivatives with Anticancer Activity (2017) *Curr Org Chem*. 20(21) 2068 – 2076.

Suzen S, Gurer-Orhan H, Saso L. Detection of Reactive Oxygen and Nitrogen Species by Electron Paramagnetic Resonance (EPR) Technique. (2017) *Molecules*. 22(1), pii: E181.

Shirinzadeh H, Ince E, Westwell AD, Gurer-Orhan H, **Suzen S**. Novel indole-based melatonin analogues substituted with triazole, thiadiazole and carbothioamides: studies on their antioxidant, chemopreventive and cytotoxic activities.(2016) *J Enzyme Inhib Med Chem*. 31(6),1312-21.

Gurer-Orhan H, Karaaslan C, Ozcan S, Firuzi O, Tavakkoli M, Saso L, **Suzen S**. Novel indole-based melatonin analogues: Evaluation of antioxidant activity and protective effect against amyloid β-induced damage. (2016) *Bioorg Med Chem*. 24(8):1658-64

El-Sayed Mt, Zoraghı R, Reıner N, **Suzen S**, Ohlsen K, Altanlar N, Hılgeroth A. Novel inhibitors of the MRSA-pyruvate kinase. (2016) *J Enzyme Inh Med Chem*., 31(6):1666-71

El-Sayed Mt, **Suzen S**, Altanlar N, Ohlsen K, Hılgeroth A. Discovery of Bisindolyl-Substituted Cycloalkane-Anellated Indoles as Novel Class of Antibacterial Agents against *S. aureus* and MRSA. (2016) *Bioorg Med Chem Lett.* 26(1), 218-21.

Püsküllü, M.O., Shirinzadeh, H., Nenni, M., Gurer-Orhan, H., **Suzen, S**. Synthesis and evaluation of antioxidant activity of new quinoline-2-carbaldehyde hydrazone derivatives: Bioisosteric Melatonin Analogues. (2016) *J Enzyme Inh Med Chem*, 31(1):121-5.

Gurer-Orhan H, **Suzen S**. Melatonin, its metabolites and its synthetic analogs as multi-faceted compounds: antioxidant, prooxidant and inhibitor of bioactivation reactions. (2015) *Curr Med Chem*. 22(4), 490-9.

Invited Lectures

Suzen S. Chemistry and Biology of Antioxidants, "Behavior of new indole based compounds against free radicals with chemopreventive activity "Workshop on Biochemistry, Physiology And Pharmacology of Oxidative Stress. Sapienza University of Rome (Italy) July 2-4, 2015.

Suzen S. Melatoninebased indole derivatives as potential antioxidants. 8th Antioxidant meeting 12-14 October-2012, Thessaloniki, Greece

Suzen S. "Melatonin and its analogues as Antioxidants" Ankara University, Ankara, ISOPS-10, June 2012, Host: Prof Maksut Coskun

Suzen S. Chemistry and Biology of Antioxidants, "Novel Indole-Based Melatonin Analogues As Free Radical Scavengers" Sapienza University, Rome, Italy, 10-12 November 2011, Host: Prof Luciano Saso

Suzen S "The Role of Indole-based Analogs of Melatonin in Oxidative Defense and Scavenging Free Radicals" Universita Degli Studi Di Parma, Research Seminar, May-2008,Parma, Italy Host: Prof Paolo Colombo.

Suzen S "New developments on aldose reductase inhibitors: the role of indole and pyridazine compounds" Welsh School of Pharmacy, Research Seminar Programme 2007-08 Spring Term, 23 Jan 2008,Cardiff, UK, Host: Dr. Andrew Westwell.

Suzen S "In Vitro Antioxidant Activities of Melatonin Analogue Indole Derivatives" 3rd International Meeting on Medicinal and Pharmaceutical Chemistry IMMPC-3 October 16-21, L-22, p.34, Antalya – Turkey-2007.

Post Doctoral Studies

Research grand of British Council (September-1997). University of Wales-Swansea, Chemistry Department, UK

Research grand of The Scientific and Technological Research Council of Turkey-Tubitak (June-September-2004). University of Wales-Swansea, Chemistry Department, UK

Supervised Thesis

Gokce Gurkok: (MSc) Synthesis, identification and evaluation of antioxidant activity of biologically important some new indole derivatives, 2007

Seyhan Sezen Cihaner: Synthesis and Biological Activity Evaluation of Drug Candidate New Indole-Amino Acid Derivatives, 2009

Ayse Didem Yilmaz: (MSc) Synthesis, Structure Elucidation and Activity Evaluation of New Melatonin Analogue Indole Derivatives, 2010

Ayse Didem Yilmaz: (PhD) Synthesis and Biological Activity Evaluation of New Melatonin Analogue Indole Derivatives, 2011

Ayşe Sözen (MSc) Recent developments of Antiepileptic drugs, 2013

Özlem Öztürk: (Master) Synthesis and Evaluation of Biological Activities of Antimicrobial Indole Derivatives, 2014

Özlem Öztürk: (PhD) Synthesis, identification and evaluation of biological activity of some new indole derivatives 2017

Kübra Durgun: (MSc) Synthesis and evaluation of antioxidant and chemopreventative activity of melatonin analogue new indole derivatives 2018)