

May, 2022

CURRICULUM VITAE

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| Name – Surname | : Said İNCİR |
| Adress | : Davutpaşa Cad. No: 4, Koc University Hospital Post code: 34010, Zeytinburnu / Istanbul / Turkey |
| Phone | : +90 (850) 250 8 250 - 29745 (Work) |
| E-mail | : sincir@kuh.ku.edu.tr |
| Date of Birth | : 18/05/1982 |
| Place of Birth | : Şanlıurfa – Turkey |
| Nationality | : Turkish |
| Gender | : Male |
| Marital Status | : Married |
| Languages | : English (YDS) |

EDUCATION

- Jan 2022 **Associate Professor of Clinical Chemistry**
Presidency of the Inter-University Board
- Nov 2021 **TS EN ISO 15189 Accreditation Course in Clinical Laboratories**
Türkak, Ankara, Turkey
- Aug 2016 **TSE, TS EN ISO 9001 Quality and 14001 Environmental Management Systems Internal Audit Certificate Program**
Koc University Hospital
- Mar 2015 **Medical Laboratory Specialists Auditor Training Certificate Program**
Ministry of Health, General Directorate of Health Services
- 2009 – 2014 **Residency**
Istanbul University, Cerrahpasa Medical Faculty, Department of Biochemistry, Istanbul, Turkey
- 2000 – 2008 **Medical Education**
Uludağ University, Medical Faculty, Bursa, Turkey

- 1993 - 2000 **High School**
Yesilkoy Anatolian High School, İstanbul, Turkey

ACADEMIC & PROFESSIONAL EXPERIENCE

- 2022 - present **Board Member**
The Society of Clinical Biochemistry Specialists
- 2016 - present **Internal auditor under TSE, TS EN ISO 9001 Quality Management and 14001 Environmental Management Systems**
Koc University Hospital
- 2015 - present **Quality Representative of the Clinical Laboratory**
Koc University Hospital
- 2015 - present **Quality Committee Member**
Koc University Hospital
- 2015 - present **Member of the Waste Committee and Member of the Commission on Hazardous Wastes**
Koc University Hospital
- 2015 - present **Clinical Biochemist, Clinical Laboratory**
Koc University Hospital
- Apr 2015 **Auditor; Licensing in Medical Laboratory**
Ministry of Health, Department of Inspection and Diagnosis Services
- 2014 - 2015 **Clinical Biochemist; Compulsory Service**
Malazgirt State Hospital, Clinical Biochemistry Lab
- 2012 - 2017 **Member of External Quality Control Evaluation Group**
The Society of Clinical Biochemistry Specialists External Quality Program (KBUDEK)
- Apr 2013 **Lecturer, Course of V. Certificate of Animal Experiments**
Bezm-i Alem Medical Faculty, İstanbul, Turkey
- Jan 2013 **Lecturer, Course of IV. Certificate of Animal Experiments**
Bezm-i Alem Medical Faculty, İstanbul, Turkey
- Jul-Sep. 2012 **Short Term Visiting Fellow**
(Studies on human metabolism and fructose consumption)
Laboratory of Human Metabolism at the Department of Physiology, Lausanne University, Lausanne, Switzerland

- 2008 - 2009

Medical Doctor; Compulsory service
Altinkaya Health Center, Aksaray, Turkey

PUBLICATION INFORMATION

| | |
|---|-----|
| Publications in international peer reviewed journals | 27 |
| Publications in national peer reviewed journals | 3 |
| Books & Book Chapters | 1 |
| Grants | 3 |
| Citations [<i>as of November 2021</i>] | 247 |
| h- index [<i>as of November 2021</i>] (<i>Google Scholar</i>) | 9 |
| h- index [<i>as of November 2021</i>] (<i>Web of Science</i>) | 7 |

PUBLICATIONS ON PEER-REVIEWED JOURNALS (INTERNATIONAL)

1. Kocadagli O, Baygul A, Gokmen N, **Incir S**, Aktan C. Clinical Prognosis Evaluation of COVID-19 Patients: An Interpretable Hybrid Machine Learning Approach. *Current Research in Translational Medicine*. 2022 Jan 30:103319.
2. **Incir S**, Tasdemir M, Kocak B, Yelken B, Arpali E, Akyollu B, Palaoglu KE, Baygul A, Bilge I, Turkmen A. Improving the urine spot protein/creatinine ratio by the estimated creatinine excretion to predict proteinuria in pediatric kidney transplant recipients. *Pediatric Transplantation*. 2021 Nov;25(7):e14142. PMID: 34523202 DOI: 10.1111/petr.14142
3. **Incir S**, Komesli Z, Baygul A, Tasdemir ZA, Palaoglu KE, Kant H, Kapmaz M, Tekin S, Kilic A, Dage T, Okan A. Immature platelet fraction: is a novel early predictive marker for disease severity in patients with Covid-19 pneumonia?. *Turkish Journal of Biochemistry*. 2021 Aug 1;46(4):359-66. DOI:10.1515/tjb-2021-0070
4. Kanbay M, Guler B, Ertuglu LA, Dage T, Afsar B, **Incir S**, Baygul A, Covic A, Andres-Hernando A, Sánchez-Lozada LG, Lanaspa MA. The Speed of Ingestion of a Sugary Beverage Has an Effect on the Acute Metabolic Response to Fructose. *Nutrients*. 2021 Jun;13(6):1916. PMID: 34199607 PMCID: PMC8228203 DOI: 10.3390/nu13061916
5. Gönenli MG, Komesli Z, **Incir S**, Yalçın O, Akay OM. Rotational Thromboelastometry Reveals Distinct Coagulation Profiles for Patients With COVID-19 Depending on Disease Severity. *Clinical and Applied Thrombosis/Hemostasis*. 2021 Jun 28;27:10760296211027653. PMID: 34184563 PMCID: PMC8246486 DOI: 10.1177/10760296211027653
6. Yeşiltepe-Mutlu G, Çapacı M, Can E, Gökçe T, Bayrakçı G, Muradoğlu S, **Incir S**, Çakır EP, Hatun Ş. A comparison of glycemc parameters and their relationship with C-peptide and Proinsulin

levels during partial remission and non-remission periods in children with type 1 diabetes mellitus - a cross-sectional study. *BMC Endocr Disord.* 2021 Jan 23;21(1):18. doi: 10.1186/s12902-021-00681- PMID:33485357; PMCID: PMC7825237.

7. Erus S, Öztürk AB, Albayrak Ö, **Incir S**, Kapdağlı MH, Cesur EE, Yavuz Ö, Tanju S, Dilege Ş. Immune profiling after minimally invasive lobectomy. *Interact Cardiovasc Thorac Surg.* 2021 Jan 22;32(2):291-297. doi: 10.1093/icvts/ivaa296. PMID: 33313777 DOI: 10.1093/icvts/ivaa296.
8. Kalafat UM, Bildik B, Dogan S, Tapkan RB, Dorter M, Kalafat AF, Tapkan B, **Incir S**, Cander B. Evaluation of protective effect of L-carnitine and N-acetylcysteine in mesenteric ischemia-reperfusion injury model in rats. *Annals of Clinical and Analytical Medicine.*2021; 12(2), 134-138., Doi: 10.4328/ACAM.20212.
9. Mut TT, Acar Ö, Armutlu A, **Incir S**, Uhlig A, Ertuglu LA, Özel M, Taskin AC, Baydar DE, Kanbay M, Esen T. Can remote ischemic preconditioning counteract the renal functional deterioration attributable to partial nephrectomy under warm ischemia? Results of an animal study. *BMC nephrology.* 2021 Dec;22(1):1-8. PMID: 34271871 PMCID: PMC8285842 DOI: 10.1186/s12882-021-02359-1.
10. **Incir S**, Palaoglu KE. Evaluation of the performance of sysmex XN-3100 automated hematology analyzer regarding the sysmex XE-2100 and microscopic examination. *Turkish J Biochem.* 2021;46(1):27–35. doi:10.1515/tjb-2020-0004
11. Bildik G, Akin N, Esmailian Y, Hela F, Yildiz CS, Iltumur E, **Incir S**, Karahuseyinoglu S, Yakin K, Oktem O. Terminal differentiation of human granulosa cells as luteinization is reversed by activin-A through silencing of Jnk pathway. *Cell Death Discov.* 2020 Sep 23;6:93. doi: 10.1038/s41420-020-00324-9. PMID: 33042587; PMCID: PMC7511402.
12. Vatansever D, **Incir S**, Bildik G, Taskiran C, Oktem O. In-vitro AMH production of ovarian tissue samples in culture correlates with their primordial follicle pool. *Eur J Obstet Gynecol Reprod Biol.* 2020 Nov;254:138-140. doi: 10.1016/j.ejogrb.2020.09.002. Epub 2020 Sep 21. PMID: 32971433.
13. Aslan G, Afsar B, Sag AA, Camkiran V, Erden N, Yilmaz S, Siriopol D, **Incir S**, You Z, Garcia ML, Covic A, Cherney DZI, Johnson RJ, Kanbay M. The Effect of Urine pH and Urinary Uric Acid Levels on the Development of Contrast Nephropathy. *Kidney Blood Press Res.* 2020;45(1):131-141. doi: 10.1159/000504547. Epub 2019 Dec 20. PMID: 31865342.
14. Tatar C, Ahlatci FA, Idiz UO, Nayci AE, **Incir S**, Agcaoglu O, Idiz C, Balik E. May Nesfatin-1 be a Biomarker in Acute Mesenteric Ischemia? *J Coll Physicians Surg Pak.* 2019 Oct;29(10):928-931. doi: 10.29271/jcpsp.2019.10.928. PMID:31564263.
15. Ferhatoglu MF, Kivılcım T, Senol K, Vural G, Kartal A, **Incir S**, Filiz Aİ, Kebudi A. The Positive Effects of the Human Amniotic Membrane on the Healing of Staple Line After Sleeve Gastrectomy Applied Long-Evans Rat Model. *Obes Surg.* 2019 Nov;29(11):3560-3568. doi: 10.1007/s11695-019- 04027-8. PMID: 31187460.

16. Kanbay M, Aslan G, Afsar B, Dagele T, Sırıopol D, Kuwabara M, **Incir S**, Camkiran V, Rodriguez-Iturbe B, Lanaspá MA, Covic A, Johnson RJ. Acute effects of salt on blood pressure are mediated by serum osmolality. *J Clin Hypertens (Greenwich)*. 2018 Oct;20(10):1447-1454. doi: 10.1111/jch.13374. Epub 2018 Sep 19. PMID: 30232829.
17. Dođan R, Aksoy F, Goktas SS, Kocak I, Yıldırım YS, **Incir S**, Özturan O. Effect of nasal antihistamine on secretory IgA in nasal lavage of rats. *Eur Arch Otorhinolaryngol*. 2018 Jan;275(1):111-115. doi: 10.1007/s00405-017-4750-1. Epub 2017 Oct 19. PMID: 29052012.
18. Bilgin IA, Hatipoglu E, Aghayeva A, Arikan AE, **Incir S**, Mamal Torun M, Dirican A, Erguney S. Predicting Value of Serum Procalcitonin, C-Reactive Protein, Drain Fluid Culture, Drain Fluid Interleukin-6, and Tumor Necrosis Factor- α Levels in Anastomotic Leakage after Rectal Resection. *Surg Infect (Larchmt)*. 2017 Apr;18(3):350-356. doi: 10.1089/sur.2016.222. Epub 2017 Feb 23. PMID: 28394749.
19. Bas A, Gultekin G, **Incir S**, Bas TO, Emul M, Duran A. Level of serum thioredoxin and correlation with neurocognitive functions in patients with schizophrenia using clozapine and other atypical antipsychotics. *Psychiatry Res*. 2017 Jan;247:84-89. doi: 10.1016/j.psychres.2016.11.021. Epub 2016 Nov 15. PMID: 27871032.
20. **Incir S**, Bolayirli IM, Inan O, Aydın MS, Bilgin IA, Sayan I, Esrefoglu M, Seven A. The effects of genistein supplementation on fructose induced insulin resistance, oxidative stress and inflammation. *Life Sci*. 2016 Aug 1;158:57-62. doi: 10.1016/j.lfs.2016.06.014. Epub 2016 Jun 24. PMID: 27350161.
21. Aksoy F, Dogan R, Kocak I, Veyseller B, Ozturan O, **Incir S**. Effect of Nasal Corticosteroid on Secretory Immunoglobulin A Measured in Rat Nasal Lavage: Experimental Study. *Otolaryngol Head Neck Surg*. 2015 Aug;153(2):298-301. doi: 10.1177/0194599815589073. Epub 2015 Jun 17. PMID: 26084823.
22. Karamustafalioglu N, Genc A, Kalelioglu T, Tasdemir A, Umut G, **Incir S**, Akkuş M, Emul M. Plasma BDNFs level initially and post treatment in acute mania: comparison between ECT and atypical antipsychotic treatment and healthy controls. *J Psychopharmacol*. 2015 Aug;29(8):898-902. doi: 10.1177/0269881115578161. Epub 2015 Mar 31. PMID: 25827643.
23. Doventas A, Bolayirli IM, **Incir S**, Yavuzer H, Civelek S, Erdinciler DS, Konukoglu D, Beger T, Seven A. Interrelationships between obesity and bone markers in post-menopausal women with either obesity or osteoporosis. *European Geriatric Medicine*. 2015 Feb 1;6(1):15-20.
24. Genc A, Kalelioglu T, Karamustafalioglu N, Tasdemir A, Gungor FC, Genc ES, **Incir S**, Ilnem C, Emul M. Level of plasma thioredoxin in male patients with manic episode at initial and post electroconvulsive or antipsychotic treatment. *Psychiatry Clin Neurosci*. 2015 Jun;69(6):344-50. doi: 10.1111/pcn.12244. Epub 2014 Nov 14. PMID: 25297388.
25. Kalelioglu T, Genc A, Karamustafalioglu N, Tasdemir A, Can Gungor F, Cansiz A, **Incir S**, Cem Ilnem M, Emul M. Initial and post-treatment total oxidant- antioxidant status and oxidative stress index in male patients with manic episode. *Psychiatry Res*. 2014 Aug 15;218(1-2):249-51. doi: 10.1016/j.psychres.2014.04.021. Epub 2014 Apr 16. PMID: 24768245.

26. Emul M, Karamustafalioglu N, Kalelioglu T, Genc A, Tasdemir A, Gungor FC, **Incir S**, Seven A. The nesfatin 1 level in male patients with manic episode and alterations of nesfatin 1 level after antipsychotic and electroconvulsive treatment. *J Affect Disord*. 2013 Dec;151(3):849-53. doi: 10.1016/j.jad.2013.08.004. Epub 2013 Aug 17. PMID: 24060587.
27. Seven A, Aslan M, **Incir S**, Altıntaş A. Evaluation of oxidative and nitrosative stress in relapsing remitting multiple sclerosis: effect of corticosteroid therapy. *Folia Neuropathol*. 2013;51(1):58-64. doi: 10.5114/fn.2013.34197. PMID: 23553138.

PUBLICATIONS ON PEER-REVIEWED JOURNALS (NATIONAL)

1. **Incir S**, Taşdemir M, Palaoglu KE, Kant Calti H, Baygöl A, Bilge I. Can immature granulocyte count and hemogram indices be good predictors of urinary tract infection in children?. *International Journal of Medical Biochemistry*. 2021;4(3):178-84. DOI: 10.14744/ijmb.2021.52523.
2. **Incir S**, Calti HK, Palaoglu KE. The role of immature granulocytes and inflammatory hemogram indices in the inflammation. *Int J Med Biochem*. 2020;3(3):125-30. doi: 10.14744/ijmb.2020.02986.
3. Öztürk G, Silav G, **Incir S**, Arslanhan A, Akçetin MA, Toktaş OZ, Konya D. Ratlarda Deneysel Spinal Kord Hasar Modelinde Genisteinin Nöroprotektif Etkisinin Araştırılması, Diffüz Tensor Görüntüleme ile Değerlendirilmesi. *İstanbul Gelişim Üniversitesi Sağlık Bilimleri Dergisi*. 2020(11):130-49. doi: <https://doi.org/10.38079/igusabder.742525>.

BOOK CHAPTER

Konukoğlu D, Turhan T, Etanol Tanı ve İzlemede Laboratuvar. /Bölüm 7- Alkol Alımı ve Biyobelirteçler **İncir S** / ISBN: 978-605-282-450-4. Palme Yayınevi, 2020 Ankara.

GRANTS

1. **Incir S**, Öztürk AB, Nemetli E, Yılmaz EA, Gelincik A, Nacaroglu HT, Arga M, Sackesen C. In vivo and in vitro Investigation of the Relationship between Non-Drug Salicylate Exposure (Nutritional Way) and Chronic Urticaria Türkiye Bilimsel ve Teknolojik Araştırma Kurumu (Ankara) 2019-11 to 2020-11|GRANT_NUMBER: 119S348
2. Erus S, Öztürk AB, Albayrak Ö, **Incir S**, Kapdağlı MH, Cesur EE, Yavuz Ö, Tanju S, Dilege Ş. The Effect of Robotic and Thoracoscopic Lung Resections on Postoperative Inflammation Markers and Stress Hormones Türkiye Bilimsel ve Teknolojik Araştırma Kurumu (Ankara) 2018-10 to 2020-01|Part of GRANT_NUMBER: 118S77

3. Eser HY, Uymaz DS, Aygün MS, Yazıcı D, Kılıç Ö, **İncir S.** Evaluation and Monitoring of Emotional Regulation, Cognitive Changes, Impulse Control Problems, Reward System Disorders Before and After Bariatric-Metabolic Surgery and Determination of Related Biopsychosocial Risk Factors in Obesity. Türkiye Bilimsel ve Teknolojik Araştırma Kurumu (Ankara) 2020-10 to 2022-10. GRANT_NUMBER: 120S586

ORAL PRESENTATION

1. **İncir S.** The use of urinary indices in the evaluation of albuminuria in pediatric kidney transplant recipients. The Society of Clinical Biochemistry Specialists, Congress and Lab Expo, 11-14 October 2021.
2. **İncir S.** Assessment of iSED erythrocyte sedimentation rate analyzer using Westergren method. The Society of Clinical Biochemistry Specialists, Symposium On Management And Control Of Laboratory Processes. Virtual Convention, 17-18 April 2021.
3. **İncir S,** Komesli Z, Baygul A, Tasdemir ZA, Palaoglu KE, Kant H, Kapmaz M, Tekin S, Kilic A, Dagel T, Okan A, Somay K, Akpınar TS. Immature Platelet Fraction: Which is reflecting platelet functions, is a novel early predictive marker for disease severity in patients with COVID-19 pneumonia? Istanbul Faculty of Medicine, Traditional Internal Diseases Days, Interactive Update 11-14 March 2021.
4. Sayan İ, **İncir S.** The role of Sofa, Nutric scores, d-dimer and neutrophil-lymphocyte ratio in predicting mortality in patients admitted to intensive care due to Covid-19 pneumonia. Congress on Research-Publication and Education Processes in the Covid-19 Pandemic, Virtual Convention, 15-16 January 2021.
5. Özcan G, Özer B, Vatansever C, Nurtop E, Kapmaz M, Aktürk H, Okan A, **İncir S,** Doğan Ö, Saçkesen C, Ergönül E, Can F. Infectivity of adult and pediatric COVID-19 patients. TMC Online Microbiology Symposium, 25-27 December 2020.
6. **İncir S.** Association of the complete blood cell research parameters (NEUT-RI, NEUT-GI, RE-LYMP, and AS-LYMP) with Covid-19 severity. International Laboratory Medicine and XX. National Clinical Biochemistry Congress, Virtual Convention, 25-26 December 2020.
7. **İncir S.** Preliminary study to diagnose Covid-19 and to identify severe from non-severe cases using immature granulocytes and inflammatory hemogram indices. 31 st National Biochemistry Congress, Virtual Convention , 18-20 December 2020.
8. **İncir S.** Method determination in urine albumin assesment. III. Scientific Sysmex Symposium 18.11.2019/Istanbul (invited speaker).

9. Emerk AK, **Incir S**, Yagci M. Urine Analysis And Sediment Course. The Society of Clinical Biochemistry Specialists, Congress and Lab Expo, 01.10.2018 / Antalya (invited speaker).
10. Konukoglu D, Gunaydin S, Tekin NŞ, Incir S, Gulsen C. Laboratory Safety Course. The Society of Clinical Biochemistry Specialists, Congress and Lab Expo, 01.10.2017 / Antalya (invited speaker).

POSTER PRESENTATION

International:

- **Incir S**, Gumusburun R, Sonmez SC, Kısakürek ZB, Ozturk AB, Goksel Ö, Sackesen C. The impact of dietary salicylate on asthma control in acetylsalicylic acid-exacerbated respiratory disease. European Academy of Allergy and Clinical Immunology Hybrid Congress / 10.07.2021.
- **Incir S**, Palaoglu KE, Dayan C, Ayas R. Comparison of Strip and Nephelometric Method in the Screening of Urine Microalbumin, P-198. 27th Balkan Clinical Laboratory Federation (BCLF) and the 30th National TBS, 27-31 October 2019, in Antalya/Turkey.
- **Incir, S.**; Palaoglu, K. E. The verification study of the new Sysmex XN-3100 automated haematology analyzer (AHA) with Sysmex XE-2100 and microscopic examination. Conference: 23rd IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine (EuroMedLab) Location: Barcelona, SPAIN Date: MAY19-23,2019 Sponsor(s): Int Federat Clin Chem & Lab Med; European Federat Clin Chem & Lab Med CLINICA CHIMICA ACTA Volume: 493 Supplement: 1 Pages: S393-S393 Meeting Abstract: W063 Published: JUN 2019.
- Ozkal, U.; Gultekin, G.; **Incir, S.**; et al. Comparison of serum tumor necrosis factor-like weak inducer of apoptosis levels in patients with schizophrenia and healthy control subjects Conference: 30th Congress of the European-College-of-Neuropsychopharmacology (ECNP) Location: Paris, FRANCE Date: SEP02-05,2017 Sponsor(s): European Neuropsychopharmacol European Neuropsychopharmacology Volume: 27 Supplement: 4 Pages: S915-S916 Meeting Abstract: P.3.b.046 Published: OCT 2017.
- Zakirov, F.; Yuksek, E.; **Incir, S.**; et al. Comparison of the activity of brain-derived neurotrophic factor in patients with schizophrenia before and after electroconvulsive therapy Conference: 29th Congress of the European-College-of-Neuropsychopharmacology (ECNP) Location: Vienna, AUSTRIA Date: SEP 17-20,2016 Sponsor(s): European Coll Neuropsychopharmacol European Neuropsychopharmacology Volume: 26 Supplement: 2 Pages: S581-S581 Meeting Abstract: P.3.f.008 Published: OCT 2016
- **Incir S**, Bolayirli IM, Inan O, Aydın MS, Bilgin IA, Sayan I, Seven A, The role of genistein administration in fructose induced insulin resistance and oxidative stress, IFCC Wordlab 22-26 June 2014, Istanbul/Turkey.
- A. Doventas, IM. Bolayirli, **S. Incir**, H. Yavuzer, S. Civelek, D.S. Erdinçler, D. Konukoglu, T. Berger, A. Seven. The Relationship Between Osteoprotegerin, Rank System and Obesity in Postmenopausal

Women. 20 th IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine (EuroMedLab). Milan, Italy, 19-23 May 2013. Biochimica Clinica Volume: 37 Page 495, W003. Eurolabmed Posters 2013.

- Genc, A.; Kalelioglu, T.; Tasdemir.; A. **Incir S.**; et al. Serum thioredoxin levels in manic patients with psychotic symptoms. European Neuropsychopharmacology Volume: 23 Supplement: 2 Pages: S386-S386 Meeting Abstract: P.2.d.039 Published: OCT 2013.
- Kalelioglu, T.; Genc, A.; Tasdemir, A.; **Incir S.**; et al. Initial and post-treatment serum levels of total oxidant-antioxidant status and oxidative stress index in patients with manic episode. European Neuropsychopharmacology Volume: 23 Supplement: 2 Pages: S373-S374 Meeting Abstract: P.2.d.018 Published: OCT 2013.

National:

- Seven A., Aslan M., **Incir S.**, Altıntas A., Investigation of oxidative stress markers before and after methylprednisolone treatment in patients with multiple sclerosis (MS). *6th Congress of The Society of Clinical Biochemistry Specialists*, Cesme, Turkey, p:162 22-25 September 2010.
- Seven A., Aslan M., **Incir S.**, Altıntas A., Investigation of nitrosative stress markers before and after methylprednisolone treatment in multiple sclerosis (MS) patients. *6th Congress of The Society of Clinical Biochemistry Specialists*, Cesme, Turkey, p:161 22-25 September 2010.

CERTIFICATES

- ICH Good Clinical Practise E6 (R2), The Global Health Network, 02/2021.
- "How to Write a Good Scientific and Professional Article?", European Federation of Clinical Chemistry and Laboratory Medicine, Antalya, Turkey, 10/2019.
- Quality Control Practices, BIO-RAD Laboratories, İstanbul, Turkey, 10/2019.
- Laboratory Requirements Purchase Process Course, Turkish Clinical Biochemistry Society, Bursa, Turkey, 06/2019.
- "Autoantibodies in Neuroimmunology" Applied IFA Course, Turkish Immunology and Molecular Biology Association, İzmir, Turkey, 10/2018.
- Information Update Training Meeting in Biochemistry, Turkish Clinical Biochemistry Society, Ankara, Turkey, 03/2018.
- Training of trainers, Indus Consulting, Koc University Hospital İstanbul, Turkey, 03/2018.
- 8th International Summer Course on Research Methodology and Ethics in Health Sciences, (The program is supported in part by the Fogarty International Center / NIH 1R25TW009248 Research Ethics Initiative grant, Dr. Kerim Munir (PI), Boston Children's Hospital, Division of Developmental Medicine). Koç University School of Medicine. İstanbul, Turkey, 07/2017.
- Statistics and Data Mining Course for Laboratory Specialist, The Society of Clinical Biochemistry Specialists, Trabzon, Turkey 09/2016.
- TSE, TS EN ISO 9001 Quality and 14001 Environmental Management Systems Internal Auditor Certificate Program, Koç University Hospital, İstanbul, Turkey, 08/2016.
- Process Management and Problem Solving Techniques, Koç University Hospital, İstanbul, Turkey, 08/2016.
- Medical Laboratory Specialists Auditor Training Certificate Program, Ministry of Health, Ankara, Turkey, 03/2015.

- Determination and management of pre-analytic errors, The Society of Clinical Biochemistry Specialists, Antalya, Turkey, 10/2013.
- Annual Research Symposium, Bezm-i Alem Medical Faculty, Istanbul, Turkey, 05/2013.
- Biochemistry Laboratory Symposium in Diagnosis and Monitoring of Diseases, Cerrahpaşa Medical Faculty, İstanbul, Turkey, 05/2013.
- European Research Consortium «Metabolic Challenges», Institut des Maladies Métaboliques et Cardiovasculaires, Toulouse, France, 05/2013.
- Course on; “The role of statistics at research projects: Methods need to known and practice areas.” Turkish Biochemistry Society, Istanbul, Turkey, 03/2012.
- The Certificate of Animal Experiments, Bezm-i Alem Medical Faculty, Istanbul, Turkey, 03/2012.
- Course on Urgent Toxicological analysis, Bezm-i Alem Medical Faculty, Istanbul, Turkey, 03/2012.
- Course on Evaluation and Measurement of Blood Gases. Turkish Clinical Biochemistry Society. Istanbul, Turkey, 12/2011.
- Course on Electrophoresis in Clinical Laboratories, The Society of Clinical Biochemistry Specialists, Dalaman, Turkey, 09/2011.
- Course on Blood Banking, The Society of Clinical Biochemistry Specialists, Dalaman, Turkey, 08/2011.
- Theoretical Course on Current Topics in Cancer Biology, Dokuz Eylul Medical Faculty, Izmir, Turkey, 05/2011.
- Course on Chromatography and Mass Spectrometer, Cerrahpaşa Medical Faculty Biochemistry Department, İstanbul, Turkey, 05/2010.
- I. Stem Cell Symposium, Marmara University Medical Faculty, İstanbul/Turkey, May/2010.
- Proteomics Research: Basic Information and Application Examples, Turkish Biochemistry Society, İstanbul, Turkey, 12/2009.
- Course of Turkish Clinical Biochemistry Society, Zonguldak, Turkey, 09/2009.

CLINICAL & RESEARCH INTERESTS

- Laboratory Statistics
- Quality Management
- Inflammation / Metabolism
- Biomarkers

PROFESSIONAL SOCIETY MEMBERSHIPS

- Turkish Medical Association
- Turkish Biochemistry Society
- Turkish Clinical Biochemistry Society
- The Society of Clinical Biochemistry Specialists
- The International Federation of Clinical Chemistry and Laboratory Medicine

TECHNICAL AND COMPUTER SKILLS

- Most typically includes computer skills (Microsoft power point, word and excel)

- Graphad and Medcalc (Statistical analysis tools)
- Immunofixation electrophoresis
- Protein electrophoresis
- Spectrophotometer
- ELISA

