



İHSAN SOLAROĞLU, MD, PROFESSOR OF NEUROSURGERY

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Department of Neurosurgery,
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İstanbul, TÜRKİYE

EDUCATION

Anadolu University, Management of Health Institutions, Eskisehir, Türkiye (Associate)	2008-2011
Loma Linda University, LLUMC, California, USA (Post-doc Fellow)	2005-2006
Ankara Numune Research and Education Hospital, Department of Neurosurgery, Ankara, Türkiye (Residency)	1998-2003
Osmangazi University School of Medicine, Eskisehir, Türkiye (Internship & MD)	1990-1996

LANGUAGES

Turkish: Native Language
English: Advanced

BOARD CERTIFICATIONS

1. EANS Part I of the European Examination in Neurosurgery
2. Foreign Language Proficiency Examination for State Employees
3. Interuniversity Board Foreign Language Examination
4. Postgraduate Education Entrance Examination

PROFESSIONAL AFFILIATIONS

1. Executive Committee Member, Southeast Europe Neurosurgical Society (SeENS)
2. Member, Society of University Neurosurgeons (SUNs)
3. Member, European Associations of Neurosurgical Societies (EANS)
4. Member, International Brain Research Organization (IBRO)
5. Member, Federation of European Neurosciences (FENS)
6. Member, Neuroscience Society of Türkiye (NST)
7. Member, Turkish Neurosurgical Society (TNS)
8. Founding Member, Middle East Spine Society (MESpine)
9. Member, Turkish Spine Society (TOD)
10. Member, Asian Congress of Neurological Surgeons (ACNS)

HONORS AND AWARDS

Koç University, Outstanding Service Award	2022
TÜBİTAK Horizon 2020 Achievement Award	2022
Success Award, The Scientific and Technological Research Council of Türkiye (TÜBİTAK)	2021
KUIMPACT: Koç University Patent Competition Award	2021
Koç University, Outstanding Service Award	2021
Koç University, Outstanding Faculty Award	2018
Turkish Neurosurgical Society, "Dr. Mahir Tevruz Research Award"	2011
Asian Australasian Congress of Neurological Surgeons (AACNS) Young Neurosurgeon Award	2007
Prof. Raja Award for Young Neurosurgeon, Certificate of Excellence	2007
Turkish Medical Association, Medical Sciences Encouragement Award	2007
Turkish Neurosurgical Society, "Traveling Scholarship"	2007
Turkish Neurosurgical Society, "Dr. Yıldız Yalçınlar Research Award"	2007
Turkish Neurosurgical Society, "Dr. Mahir Tevruz Research Award"	2006
Turkish Neurosurgical Society, "Prof. Dr. Hamit Ziya Gökalp Research Award"	2006
Turkish Neurosurgical Society, "Study Abroad Scholarship"	2005
Turkish Neurosurgical Society, "Dr. Yıldız Yalçınlar Research Award"	2004

PROFESSIONAL EXPERIENCE

Staff, Neurosurgeon Gümüşhane State Hospital, Türkiye (Compulsory Service)	2003-2003
Academic Staff, Neurosurgeon, Ankara Atatürk Research and Education Hospital, Ankara, Türkiye	2004-2011
Associate Professor, VKV American Hospital, Department of Neurosurgery, Istanbul, Türkiye	2011-2014
Associate Professor, Koç University, Department of Neurosurgery, Istanbul, Türkiye	2011-2013
Professor, Koç University, Department of Neurosurgery, Istanbul, Türkiye	2013-
Adjunct Professor, School of Medicine, Loma Linda University, CA, US	2013-

Visiting Positions

Visiting Professor, University of Texas Health Sciences Center, Department of Neurosurgery, San Antonio, US	2012
Visiting Professor, Louisiana State University Health Sciences Center, Department of Neurosurgery, Louisiana, US	2012

PROFESSIONAL EXPERIENCE

Institutional Administrative Positions

Chair, Institutional Review Boards Koç University, Istanbul	2012-2014
Director, Graduate School of Health Sciences Koç University, Istanbul	2016-2018
Founding Director, Research Center for Translational Medicine KUTTAM, Koç University, Istanbul	2016-2021
Founder, Transplant Immunology Research Center of Excellence TIREX, Koç University, Istanbul	2016-2021
Associate Dean for Research, School of Medicine Koç University, Istanbul	2015-2021
Board Member, KU Executive Committee Koç University, Istanbul	2015-2022
Founding Director, Clinical Trials Unit Koç University Hospital, Istanbul	2019-

PROFESSIONAL SERVICE

1. Co-Chairman, Scientific Committee, 5th Congress of The Southeast Europe Neurosurgical Society Congress, 2022
2. Co-Chairman, Scientific Committee, World Federation of Neurosurgical Societies (WFNS) 2019 Congress, Beijing
3. Co-Chairman, Scientific Committee, WFSN 2019 International Meeting, Serbia
4. Chairman, Scientific Committee, World Federation of Neurosurgical Societies 2017 Congress, Istanbul
5. Founder & President of the SeENS International Basic Neurosurgery Course 2016-
6. Member, Bylaws Committee of World Federation of Neurosurgical Societies (2013-2017)
7. European Associations of Neurosurgical Societies-UEMS Delegate (2011-2014)
8. Executive Committee Member of SeENS (Southeast Neurosurgical Society)
9. Liaison Member, Scientific Committee, World Federation of Neurosurgical Societies WFNS 2013 Congress
10. World Federation of Neurosurgical Societies Cerebrovascular Diseases & Therapy Committee Member (2011-2017)
11. World Federation of Neurosurgical Societies Neuro-oncology Committee Member (2011-2017)
12. Executive Committee Member of Turkish Neurosurgical Society (2009-2015)
13. Founder & President of the Turkish Neurosurgical Society International Basic Neurosurgery Courses (2011-2014)
14. Founding and Executive Committee Member of Middle East Spine Society (2011-2014)

PROFESSIONAL PRIVATE CONSULTANCY

2021- Gap İnşaat Co. One of the highly reputable contracting companies of the world. **(Responsibility; Clinical Development and Hospital Infrastructure Design)**

2018-2022 Inventram Co. Inventram is a hi-tech investment company of Koç Group, the largest conglomerate of Turkey. **(Responsibility; Executive Board Member)**

RESEARCH INTERESTS

Clinical; Neuro-oncology, Neurovascular surgery

Research; Glioblastoma, Stroke

GRANTS

Received more than **12.5 million US Dollar funding** provided by national and international institutions.

Project Number	Role	Founding Institution	Year
221S439	Advisor	TUBITAK	2021
2015BŞV227	PI	TR-Presidency of Strategy and Budget	2016
H2020-952512	PI	European Commission	2020
8798	PI	TUSEB	2020
602593	PI	Bank of America	2020
219S882	Co-researcher	TUBITAK	2020
119S362	PI	TUBITAK	2020
117S043	Advisor	TUBITAK	2017
1799B031300561	PI	TUBITAK	2014
212T026	Co-researcher	TUBITAK	2013

PATENTS

BUNDESREPUBLIK DEUTSCHLAND, Gebrauchsmusters Nr. 21 2001 000 105.2 Cement Injectable Transpedicular Screws, 29.04.2010 IPC A61B 17/86 (2006.01)

TEACHING EXPERIENCE

Koç University, Istanbul, Türkiye

Professor, Department of Neurosurgery

2014-2022

- **NVRD 308:** Mental & Neurological Diseases; Multidisciplinary approach to the diagnosis of mental and neurological diseases. Topics include diseases and tumors of the peripheral nerves, diseases and tumors of the skeletal muscle, neurodevelopmental disorders, brain and spinal cord trauma, cerebrovascular diseases, central nervous system infections. An undergraduate course averaging 50 students per year.
- **NRVS 504/512:** Multidisciplinary approach to the diseases of nervous system and ophthalmology. The content of the course includes the diagnosis and treatment principles of common nervous system diseases, infections of the nervous system, trauma, vascular, degenerative diseases and tumors, emergency service approach to adult and pediatric patients, outpatient clinics, intensive care units, surgical approach to nervous system diseases. An undergraduate course averaging 50 students per year.
- Developed quizzes, exams, and homework
- Revised the syllabus to meet accreditation standards

Ankara Atatürk research and Education Hospital, Ankara, Türkiye
Associate Professor, Department of Neurosurgery

2008-2011

- **Neurosurgery Residency Program:** The culmination of the 5-years program is to maximize each resident's potential, optimize their clinical and academic skills, and prepare them to train the next generation of academic neurosurgeons.
- Developed residency curricula.

Doctoral/Master/Residency Students Advised

1. Hulya Torun, Bsc; Raman Spectroscopic and Microscopic Analysis of Tissue Type, Molecular Composition, and Glioblastoma Identification in Brain Tissue Sections, Koç University, 2021
2. Sedar Onur Aydın, MD; Effects of Sodium Fluorescein on Glioblastoma Cell Cultures. Istanbul Kartal Research and Education Hospital, 2019
3. İbrahim Barış Saygılı, MD; A Comparison of the Clinical Results of Patients Operated with PLIF and Without PLIF (Posterior Lumbar Interbody Fusion) Posterior Lumbar Instrumentation + Fusion in a Single Level Lumbar Canal Stenosis. Ankara Atatürk Research and Education Hospital, 2011
4. Mustafa Karakuş, MD; Immunohistochemical Investigation of the Relationship Between Cavernous Sinus Invasion and Tumor Biology in Pituitary Adenomas. Ankara Atatürk Research and Education Hospital, 2011
5. Gökhan Gündoğdu, MD; The Role of Central Retinal Artery Doppler Ultrasonography and Other Examination Modalities in Diagnosis of Brain Death. Ankara Atatürk Research and Education Hospital, 2011

INVITED LECTURES

1. Maximal Safe Resection in Glioma Surgery: the "gold standard" with prolonged survival. Intracranial Glioma Workshop: From A to Z. May 24-27, 2023, Athens, Greece
2. Secrets of finding grants for research projects. Turkish Neurosurgical Society, The 36th National Congress, Antalya, Apr 24-30, 2023.
3. The 8th ANNUAL MEETING of Serbian Neurosurgical Society. Dec 7-10, 2022, Belgrade, Serbia
 - a. Neuroanatomy Training by Augmented/Virtual Reality
 - b. Translational Research in Neurosurgery
4. Hands-on Workshop. Neuroanatomy Training by Augmented/Virtual Reality. EANS2022 – European Congress of Neurosurgery Oct 16-22, 2022, Belgrade, Serbia
5. Translational Research in Neurosurgery. The 5th Congress of Southeast European Neurosurgical Society (SeENS), Sept 21-24, 2022, Opatija, Croatia
6. Translational Research in Medicine. 21st Nurses Conference and the 7th Healthcare Professions Conference: Global Trends in Nursing and Healthcare, Oct 10-11, 2022, Opatija, Croatia
7. Multidisciplinary team approach in the management of neurovascular pathologies. 13th Days of Bosnian-Herzegovinian American Academy of Arts and Sciences (BHAAS), June 23-26th, 2022, Bosnia
8. Na-Fluorescein Guided Surgery in Gliomas. American Association of Neurological Surgeons (AANS) Annual Scientific Meeting 2022, Philadelphia, April 29-May 2, US.
9. The 10th Neurosurgical MasterClass: Inspiring the new generation. March 2-6, 2022, Cluj Napoca, Romania
 - a. *Translational Research in Neurosurgery*
 - b. *Advances in Neuro-oncology*

10. Multidisciplinary team approach in the management of neurovascular pathologies. 6th MENA-SINO Congress, Istanbul, Oct 20-24, 2021, Türkiye.
11. Translational Research in Neurosurgery, The National Congress of Modern Neurosciences, Oct 2021, Romania
12. Translational Medicine. 1st Graduate Research Conference. KUTTAM April 2021, Türkiye
13. Research Ecosystem at KUTTAM, Osmangazi University, July 2020, Eskisehir, Türkiye
14. KU Research Center for Translational Medicine. UK Türkiye Tech Week / Medtech Session. Feb 2020, Istanbul, Türkiye
15. 5th Annual Meeting of Serbian Neurosurgical Society, Oct 24th-27th, 2019, Kragujevac, Serbia
 - a. *Team Approach for Vascular Pathologies*
 - b. *Exo vs. Endo vs. Hybrid Discussion Cavernoma*
16. Ecosystem for the Innovation. Turkish Neurosurgery Academia, Samsun, Oct 2019, Türkiye.
17. Global Neurosurgery. WFNS Special World Congress 2019, China National Convention Center, Sept 9-12, 2019, Beijing, China
18. Breaking the Walls. Çukurova HCC Congress, Oct 2019, Adana, Türkiye
19. 1st National Neuro-Oncology Student Congress, Dec 20-22, 2019, Trabzon, Türkiye
 - a. *Fluorescein Guided Neurosurgery*
 - b. *Renaissance and Medicine*
20. KU Research Center for Translational Medicine. The 6th Turkish Medical World Congress. Biotechnology Applications in Health. Sep 29-31, 2019, Istanbul, Türkiye
21. The Story of ATA Ligament. Why So Curious About Science? TurkMSIC-EMSA Meeting, Istanbul University, May 8-9th, 2019, Istanbul, Türkiye
22. Fluorescein Guided Neurosurgery, The 44th Congress of the Romanian Society of Neurosurgery, Sept 5-8, 2018, Timișoara, Romania
23. World Health Summit 2018, International Life Sciences Infrastructure Management. Best Practices from Around the World, "International Expert Round". October 14-16, 2018, Berlin, Germany
24. Advances in Brain Tumor Surgery, Pediatric Oncology Conference, Sept 18th, 2018, Bucharest, Romania
25. The 7th Neurosurgical Masterclass, Feb 28th-March 3rd, 2019, Cluj Napoca, Romania
 - a. *Early Brain Injury following Subarachnoid Hemorrhage*
 - b. *Surgical Treatment of MCA Aneurysms*
26. How to convince reviewer? WFNS 2019 International Meeting, March 21st-24th 2019 Belgrade, Serbia
27. Fluorescein Guided Neurosurgery, Turkish Neurosurgical Society, The 33rd National Congress, Apr 11-14th, 2019, Türkiye
28. Innovative Collaboration in Health Ecosystem, Innovation Meetings in Medicine, Apr 28-29th, 2019, Gaziantep, Türkiye
29. Advances in Brain Tumor Surgery, The 4th National Congress of EMSA, April 27-29th, 2019, ESOGU, Eskişehir, Türkiye
30. WFNS Education Course in collaboration with the Southeast Europe Neurosurgical Society (SeENS) - Cluj-Napoca, June 2018
31. WFNS Inner Mongolia Cerebrovascular Disease Forum, July 2018, China
 - a. *Fluorescence Guided Resection of Brain Tumors*
 - b. *Transcortical-transventricular approach in colloid cysts of third ventricle*
32. Advances in Brain Tumor Surgery, 10th Days of BHAAS, June 2018, Bosnia
33. Fluorescence-guided Neurosurgery, 6th MASSIN Congress "Neurosurgery as a Way of Life" SEENS, Oct 2017, Montenegro
34. 3rd Congress of SeENS "Neurosurgery - Quo Vadis?", Sept 2017, Cluj Napoca, Romania
35. Na-Fluorescein Guided Neurosurgery, Hannover International Neurosurgery Congress 2017, June 16-19, 2017, Hannover, Germany

36. Fluorescence-guided Neurosurgery, Middle East Spine Society (MESS) 4th International Conferences Congress, May 10 - 13, 2017, Rabat, Morocco
37. Mobility Preservation Techniques for Degenerative Disc Disease, Middle East Spine Society (MESS) 4th International Conferences Congress, May 10 - 13, 2017, Rabat, Morocco
38. The 5th Neurosurgical Masterclass, March 9-12, 2017, Cluj-Napoca, Romania
 - a. *Increased ICP in neurotrauma – pathophysiology and management*
 - b. *Medicine and Renaissance*
 - c. *Management of cervical spine and spinal cord injuries*
39. How to convince the editor? 7th International Summer Course on Research Methodology in Health Sciences. Jul 11-15, 2016, Istanbul
40. The 4th Neurosurgical Masterclass, Feb 18-20, 2016, Cluj-Napoca, Romania
 - a. *GnRH Signaling: New Insights into the Pathogenesis of High-Grade Gliomas*
 - b. *High Grade Gliomas: General Principles of Surgery*
41. World Federation of Neurosurgical Societies Neuro-oncology Committee Course, Sep 17, 2015 - Sep 20, 2015, Manila, Philippines.
 - a. *Surgical Management of Pituitary Adenomas*
 - b. *The Role of Surgery in Malignant Spine Tumors*
 - c. *Current Management of Craniopharyngiomas*
42. A bright circle: From bedside to bench and back again. International ITU Molecular Biology and Genetics Student Congress'15, October 2-5, 2015
43. "GnRH Signaling: New Insights into the Pathogenesis of High-Grade Gliomas" Annual Meeting of Society of University Neurosurgeons, July 9- 13, 2015, Shanghai & Beijing, China
44. Advances in Skull Base Surgery. IMCA, International Medical Congress, 24-25 April 2015, Tirana, Albania.
45. Current Concepts in Metabolic and Functional Imaging of Hemispheric Low-Grade Gliomas in Adults. 10th Asian Congress of Neurological Surgeons, September 9-12, 2014, Astana, Kazakhstan.
46. Incidental Dural Tears in Lumbar Decompressive Surgery: from bed to bench and back. 10th Asian Congress of Neurological Surgeons, September 9-12, 2014, Astana, Kazakhstan.
47. The Synaps1st 2014 Summer School on Neuroscience, Aug 26-31st, 2014, Koç University, Istanbul, Türkiye
 - a. *From Bedside to Bench and Back*
 - b. *Clinical Aspects of Brain Tumors*
48. Transcortical-Transventricular Approach in Colloid Cysts of the Third Ventricle. World Federation of Neurosurgical Societies (WFNS) Course. Cluj-Napoca
49. 15th Interim Meeting of the World Federation of Neurosurgical Societies Sep 8-12, 2015, Rome, Italy
50. "From bedside to bench and back again". International ITU Molecular Biology and Genetics Student Congress'15, Oct 2-5, 2015, Istanbul, Türkiye
51. How to treat? WFNS Course, July 16-20, 2014, Cluj-Napoca, Romania.
52. GnRH Signaling: New Insights into the Pathogenesis of High-Grade Gliomas. The 65th Annual Meeting of the German Society of Neurosurgery & the 1st Joint Meeting with the Turkish Neurosurgical Society. May 11-14, 2014, Dresden, Germany
53. Incidental dural tears in lumbar decompressive surgery: From bed to bench and back. Turkish Neurosurgical Society International Basic Neurosurgery Course, Term I, Course III (Spine and Peripheral Nerve), March 14-18, 2014, Antalya.
54. Neurosurgery in Türkiye and Anatolia. 8th Black Sea Neurosurgical Congress, November 8-10, 2013, Tbilisi, Georgia.
55. CSF Leakage Following Spinal Surgery. 1st Congress of Southeast European Neurosurgical Society, Oct 31st-Nov 2nd, 2013,

Belgrade, Serbia

56. TNS Young Neurosurgeons Symposium on "Basic Research", Sept 27-29, 2013, Cesme, Izmir
 - a. *How to convince the referee?*
 - b. *Ethics in clinical research and regulations*
57. The role of granulocyte-colony stimulating factor and its receptor in human high-grade gliomas. 15th WFNS World Congress of Neurosurgery, Sept 8-13, 2013, COEX Convention Center, Seoul, Korea
58. Clinical Aspects of Brain Tumors. EMSA Summer School, August 26-31, 2013, Istanbul, Türkiye.
59. How to convince the editor? 4th International Summer Course on Research Methodology in Health Sciences. June 24-July 5, 2013, Istanbul
60. Science, Art, and Neurosurgery. Yakındoğu University, June 12, 2013, Cyprus
61. National Defensive Neurosurgery Practice. Turkish Neurosurgical Society, 27. National Congress, Antalya, Türkiye, April 12-16, 2013.
62. Complications in Trans-sphenoidal Pituitary Surgery (Case Discussion & Video Presentation). International Basic Neurosurgery Course, Term I, Course II, Neuro-oncology, March 15-19, 2013, Antalya, Türkiye.
63. The 2nd Annual meeting of Neurological Surgeons Society of India (NSSI), Jaipur, March 1-3, 2013, India
 - a. *The role of granulocyte-colony stimulating factor and its receptor in human high-grade gliomas.*
 - b. *Current Concepts in Metabolic and Functional Imaging of Hemispheric Low-Grade Gliomas in Adults.*
64. The role of granulocyte-colony stimulating factor and its receptor in human high-grade gliomas. The 47th SUN (Society of University Neurosurgeons) Annual Meeting, Spain, June 16-21, 2013
65. Transcortical-Transventricular Approach in Colloid Cysts of the Third Ventricle: surgical experience with 40 cases. The 46th SUN (Society of University Neurosurgeons) Annual Meeting, March 18-21, 2012, Atlanta, US.
66. Current Concepts in Metabolic and Functional Imaging of Hemispheric Low-Grade Gliomas in Adults, 9th Asian Congress of Neurological Surgeons, September 2-5, 2012, Istanbul, Türkiye.
67. The Role of G-CSF and G-CSFR Receptors in Malignant Glioma, 9th Asian Congress of Neurological Surgeons, September 2-5, 2012, Istanbul, Türkiye.
68. How to convince the editor? 3rd Int. Summer Course on Research Methodology in Health Sciences. July 9-13, 2012, Istanbul
69. Mobility preservation techniques for degenerative disc disease. 27^{ème} National Congrès Société Algérienne de Neurochirurgie & 5^{ème} Congrès Maghrébin de Neurochirurgie "Middle East Spine Society Panels". June 8-11, 2012, Algiers.
70. Transcortical-Transventricular Approach in Colloid Cysts of the Third Ventricle: surgical experience with 40 cases. University of Texas Health Sciences Center, Neurosurgery Grand Rounds, April 13, 2012, San Antonio, US.
71. Transcortical-Transventricular Approach in Colloid Cysts of the Third Ventricle: surgical experience with 40 cases. Louisiana State University Health Sciences Center, Neurosurgery Grand Rounds, March 22, 2012, Louisiana, US.
72. Cerebral Herniation Syndromes. International Basic Neurosurgery Course, Term I, Course I, Neurotrauma & Functional Neurosurgery, March 14-17, 2012, Antalya, Türkiye.
73. Superficial landmarks on skull and urgent intervention locations. International Basic Neurosurgery Course, Term I, Course I, Neurotrauma & Functional Neurosurgery, March 14-17, 2012, Antalya, Türkiye.
74. Acute epidural & subdural hematomas: Description, etiology, management, and outcome, Term I, Course I, Neurotrauma & Functional Neurosurgery, March 14-17, 2012, Antalya, Türkiye.
75. Cerebral spinal fluid leaks after spinal surgery. 1st Middle East Spine Meeting, Dec 7-9, Barbaros Point Hotel, Istanbul, 2011.
76. Turkish Neurosurgical Society, Neurovascular Surgery Education and Training Committee, Symposium on "AVMs", Pine Bay Hotel, Kusadasi, Aydın, Nov 25-27, 2011.
 - a. *Molecular mechanisms of angiogenesis*

- b. *Combined treatment modalities in AVMs*
77. CSF Leakage following spinal surgery; The ATA and its surgical importance, 1st Anatolian-Asian Neurosurgical Friendship Meeting, Feb 18-20, İstanbul, 2011.
 78. Turkish Neurosurgical Society, 25. National Congress, Antalya, Apr 22-26, 2011.
 - a. *Panelist, "The training, certification and requirements in endovascular procedures"*
 - b. *Case Discussion, "Treatment options in basilar tip aneurysms: endovascular treatment"*
 79. How to convince a peer reviewer? 2nd Middle East Neurosurgical Symposia, Jan 26-28, Cairo, Egypt, 2011.
 80. How to convince a peer reviewer? 7th Panarab Neurosurgical Society Congress, Algiers, November 26-29, 2010
 81. Case Presentation, Turkish Neurosurgical Society, Spinal and Peripheral Nerve Surgery Education and Training Committee, Symposium on "Complication and Revision in Spinal Surgery", Antalya, Oct 28-31, 2010.
 82. "No dream is too big enough!", Eskisehir Osmangazi University, Opening ceremony and an orientation activity to new medical students, Eskisehir, Sept 14, 2010.
 83. "Motion Segment", Turkish Neurosurgical Society, Spinal and Peripheral Nerve Surgery Education and Training Group, Summer School 2010, July 1-4, Anemon Otel, Eskisehir
 84. Turkish Neurosurgical Society, 24. National Congress, Antalya, May 14-18, 2010
 - a. *Panelist, "Endovascular treatment of AVM's"*
 - b. *Panelist, "SGK, Reimbursement system in Türkiye, problems and solutions"*
 85. "Transcortical-transventricular approach in colloid cysts of the third ventricle", 1st Middle East Neurosurgical Symposia, April 8-11, İstanbul, 2010.
 86. Panel Discussion Moderator "Intracranial aneurysms: Open surgery vs. Coils" 6th Black Sea Neurosurgical Congress, İstanbul, October 16-18, 2009.
 87. Panelist, "Molecular Neuro-oncology, Importance of Molecular Factors on Prognosis", Turkish Neurosurgical Society, 23. National Congress, Girne, Cyprus, April 17-21, 2009
 88. "Management of Aneurysmal Subarachnoid Hemorrhage" Chongqing International Conference on Neurovascular Surgery and Vasospasm, October 24-27, 2008, Chongqing, China
 89. Ankara High Grade Glial Tumors Meeting, "Future Therapies in High Grade Glial Tumors", Ankara Hilton Otel, May 5, 2007, Ankara, Türkiye
 90. "Reviewing a Manuscript", Turkish Neurosurgical Society, Research Course for Neurosurgery Residents, May 22-25, 2008, Zonguldak, Türkiye
 91. Panelist, "From Hypothesis to Manuscript: Experimental Research", Turkish Neurosurgical Society, 21. National Congress, Antalya, Türkiye, April 20-24, 2007

CONGRESSES OR WORKSHOPS ATTENDED

1. Hannover International Neurosurgery Congress 2017, June 16-19, 2017, Hannover, Germany
2. Middle East Spine Society (MESS) 4th International Conferences Congress, May 10 - 13, 2017, Rabat, Morocco
3. Annual Meeting of Society of University Neurosurgeons, July 9- 13, 2015, Shanghai & Beijing, China
4. World Federation of Neurosurgical Societies Neuro-oncology Committee Course, Sep 17, 2015 - Sep 20, 2015, Manila, Philippines.
5. The 16th International Conference on Brain Edema and Cellular Injury. The 3rd Symposium on Preconditioning for Neurological Diseases. Sept 27-30, 2014, Huntington Beach, CA, USA

6. 10th Asian Congress of Neurological Surgeons, September 9-12, 2014, Astana, Kazakhstan.
7. World Federation of Neurosurgical Societies (WFNS) Neuro-oncology Course. July 16-20, 2014, Cluj-Napoca, Romania.
8. The 65th Annual Meeting of the German Society of Neurosurgery & the 1st Joint Meeting with the Turkish Neurosurgical Society. May 11-14, 2014, Dresden, Germany
9. Turkish Neurosurgical Society, 28th National Congress, Antalya, April 4-8, 2014.
10. Turkish Neurosurgical Society International Basic Neurosurgery Course, Term I, Course III (Spine and Peripheral Nerve), March 14-18, 2014, Antalya.
11. 8th Black Sea Neurosurgical Congress, Nov 8-10, 2013, Tbilisi, Georgia.
12. 1st Congress of Southeast European Neurosurgical Society, Oct 31st-Nov 2nd, 2013, Belgrade, Serbia
13. TNS Young Neurosurgeons Symposium on "Basic Research", Sept 27-29, 2013, Cesme, Izmir
14. Turkish Neurosurgical Society, Spinal and Peripheral Nerve Surgery Education and Training Committee, Symposium on "Case Discussions", Sept 27-29, 2013, Cesme, Izmir
15. 15th WFNS World Congress of Neurosurgery, Sept 8-13, 2013, COEX Convention Center, Seoul, Korea
16. 2nd Middle East Spine Meeting. May 16-19, 2013, Çeşme, Türkiye
17. Turkish Neurosurgical Society, 27th National Congress, Antalya, April 12-16, 2013.
18. International Basic Neurosurgery Course, Term I, Course II, Neuro-oncology, March 15-19, 2013, Antalya, Türkiye.
19. 2nd Annual meeting of Neurological Surgeons Society of India (NSSI), Jaipur, March 1-3, 2013, India
20. 9th Asian Congress of Neurological Surgeons, September 2-5, 2012, Istanbul, Türkiye
21. 27^{ème} National Congrès Société Algérienne de Neurochirurgie & 5^{ème} Congrès Maghrébin de Neurochirurgie "Middle East Spine Society Panels". June 8-11, 2012, Algiers.
22. Turkish Neurosurgical Society, 26th National Congress, Antalya, April 20-24, 2012.
23. 46th Society of University Neurosurgeons Meeting, Atlanta, Georgia, March 18-21, 2012.
24. International Basic Neurosurgery Course, Term I, Course I, Neurotrauma & Functional Neurosurgery, March 14-17, 2012, Antalya, Türkiye.
25. 1st Middle East Spine Meeting, Dec 7-9, Barbaros Point Hotel, Istanbul, 2011.
26. Turkish Neurosurgical Society, Neurovascular Surgery Education and Training Group Symposium on "AVMs", Pine Bay Hotel, Kusadasi, Aydın, Nov 25-27, 2011.
27. Turkish Neurosurgical Society, Spinal and Peripheral Nerve Surgery Education and Training Group Symposium on "Treatment Principles of Spinal Traumas", Dalaman Hilton Congress Center, Dalaman, Mugla, Oct 9-12, 2011.
28. The 45th SUN (Society of University Neurosurgeons) Annual Meeting, Istanbul, Türkiye, June 23-26, 2011
29. Neurotrauma and Vascular Neurosurgery, Joint EANS Annual Meeting - 4th World ICH Conference, Newcastle, UK, May 2-5, 2011
30. Turkish Neurosurgical Society, 25th National Congress, Antalya, Türkiye, April 22-26, 2011
31. 1st Anatolian-Asian Neurosurgical Friendship Meeting, Feb 18-20, Istanbul, 2011
32. VIIIth Panarab Neurosurgical Society Congress, Algiers, November 26-29, 2010
33. The 8th Asian Congress of Neurological Surgeons (ACNS 2010), Kuala Lumpur Convention Centre, Kuala Lumpur, Malaysia, Nov 22-24, 2010
34. Turkish Neurosurgical Society, Spinal and Peripheral Nerve Surgery Education and Training Committee, Symposium on "Complication and Revision in Spinal Surgery", Antalya, Oct 28-31, 2010
35. Neurosurgeon as CEO, The Westin at Times Square, New York, Aug 7-8, 2010.

36. Turkish Neurosurgical Society, Spinal and Peripheral Nerve Surgery Education and Training Committee, Summer School 2010, Anemon Otel, Eskisehir, July 1-4, 2010.
37. Turkish Neurosurgical Society, 24th National Congress, 2nd Korean-Turkish Neurosurgeons Friendship Joint Meeting, Antalya, May 14-18, 2010.
38. World Spine V., Santorini, Greece, May 7-9, 2010.
39. 1st Middle East Neurosurgical Symposia, Istanbul, April 8-11, 2010.
40. Turkish Neurosurgical Society, Symposium on "Uncommon Neurovascular Pathologies" Hatay, Nov 7-8, 2009
41. Turkish Neurosurgical Society, Symposium on "Glial Tumors, Pituitary Adenomas, Meningiomas", Istanbul, December 25-26, 2009
42. 6th Black Sea Neurosurgical Congress, Istanbul, October 16 - 18, 2009.
43. Turkish Neurosurgical Society, Symposium on "Cervical Degenerative Disc Disease", Nevsehir, October 8-11, 2009
44. XIV World Congress of Neurological Surgery, Hynes Convention Center Boston, USA, August 30-Sep 4, 2009
45. Turkish Neurosurgical Society, 23rd National Congress, Girne, Turkish Republic of Northern Cyprus, April 17-21, 2009
46. 10th Workshop on Endoscopic transsphenoidal surgery: from pituitary to skull base surgery. Bologna, Italy, March 9-10, 2009
47. The 1st Turkish-Korean Joint Meeting, Seoul, Korea, Oct 15-18, 2008.
48. The 12th Asia-Australasian Society of Neurological Surgeons / 13th WFNS Interim Meeting. Nagoya, Japan, November 18-21, 2007
49. EANS European Congress of Neurosurgery, Glasgow, UK, Sept 2-7, 2007
50. IBRO International Congress of Neuroscience, Melbourne, AU, July 12-17, 2007
51. EANS (The European Association of Neurosurgical Societies) The European Course in Neurosurgery on "Vascular Neurosurgery", Lisbon, Portugal, June 17-21, 2007
52. Turkish Neurosurgical Society, Course on the "Training of Trainers", Antalya, Türkiye, Apr 20, 2007
53. Turkish Neurosurgical Society, 21st National Congress, Antalya, Türkiye, April 20-24, 2007
54. Turkish Neurosurgical Society, Symposium on "Spine Tumors", Antalya, Türkiye, Nov 18-21, 2007
55. Turkish Neurosurgical Society, Neuro-oncologic Surgery Education and Training Group Symposium on "Techniques in Neuro-oncologic surgery and anatomical approaches", Izmir, Türkiye, Sep 28-29, 2007
56. Turkish Neurosurgical Society, Symposium on "Spinal and Peripheral Nerve Surgery", Antalya, Türkiye, Nov 2-5, 2006
57. Turkish Neurosurgical Society, Skull Base Surgery Education and Training Group, Symposium on "Acoustic Neuroma", Istanbul, Türkiye, Dec 3, 2006
58. Turkish Neurosurgical Society, Neuro-oncologic Surgery Education and Training Group, Symposium, Istanbul, Türkiye, Dec 1-2, 2006
59. EANS (The European Association of Neurosurgical Societies) The European Course in Neurosurgery on "Pediatric Neurosurgery and Tumor", Bratislava, Slovakia, Aug 26- Sept 1, 2006
60. 9th International conference on cerebral vasospasm. Istanbul, Türkiye, June 27-30, 2006
61. EANS (The European Association of Neurosurgical Societies) The European Course in Neurosurgery on "Spinal and Peripheral Nerve Surgery", Budapest, Hungary, Feb 20-26, 2004
62. Turkish Neurosurgical Society, 18th National Congress, Antalya, Türkiye, May 22-26, 2004
63. EANS (The European Association of Neurosurgical Societies) The European Course in Neurosurgery on "Head Injury and Functional Neurosurgery", Bonn, Germany, February 2-6, 2003
64. Turkish Neurosurgical Society, 17th National Congress, Antalya, Türkiye, May 20-24, 2003
65. Turkish Neurosurgical Society, Course on "Stereotactic Neuronavigation", Antalya, Türkiye, May 20-24, 2003

66. IV. International Congress on Cerebral Venous System, Istanbul, Türkiye, June 4, 2002
67. IV. International Congress on Meningiomas, Istanbul, Türkiye, June 5-6, 2002
68. Turkish Neurosurgical Society, 16th National Congress, Istanbul, Türkiye, June 7-8, 2002
69. Turkish Neurosurgical Society, Symposium on "Spinal Fusion", Eskisehir, Türkiye, Oct 3-6, 2002
70. Turkish Neurosurgical Society, Training Course on "Spinal and Peripheral Nerve Surgery", Izmir, Türkiye, March 12-17, 2002
71. Florence Nightingale Hospital, Department of Orthopedics and Traumatology-Turkish Association of Orthopedics and Traumatology, Course on "Principles of CD Horizon Instrumentation", Istanbul, Türkiye, Apr 28, 2001
72. Turkish Neurosurgical Society, 15th National Congress, Antalya, Türkiye, May 22-26, 2001
73. Turkish Neurosurgical Society, Symposium on "Hydrocephalus", Aydin, Türkiye, Nov 1-4, 2001
74. Ankara Numune Research and Education Hospital, Course on "Forensic Medicine" Ankara, Türkiye, May 4-5, 2000

PUBLICATIONS

Chapters in Books

1. E. Egemen, I & Solaroglu. Anatomy of Cerebral Veins and Dural Sinuses. Primer on Cerebrovascular Diseases (Second Edition), Ed. Louis R. Caplan; Elsevier Inc., 2017
2. Hematopoietic Growth Factor Family for Stroke Drug Development. Translational Stroke Research, ed. P.A. Lapchak and J.H. Zhang; Springer, 2012
3. Solaroglu I. Lumbar Posterior Hybrid Dynamic Stabilization and Fusion Systems. Lumbar Degenerative Disc Disease and Dynamic Stabilization. Ed. A. Fahir Özer; VKV Amerikan Hastanesi Yayinlari, Istanbul, 2011
4. Basics of Neurosurgery (TEMEL NÖROŞİRÜRJİ KİTABI), Central Nervous System Anatomy, Ed. Ender Korfali; Turkish Neurosurgical Society, Ankara, 2010.
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2. Aydin SO, Erdem IS, Kose SG, **Solaroglu I**. The possible effects of sodium fluorescein to primary cell culture sampling in glioblastoma surgery. *Brain Spine*. 2022 Dec 17;3:101702.
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5. Esene IN, Negida A, Ibe CS, Kanmounye US, Thango N, Jokonya L, Hoz SS, Dechambenoit G, Kalangu KKN, **Solaroglu I**. Observational Studies in Neurosurgery: Structure, Functioning, and Uses. *World Neurosurg*. 2022 May; 161:265-274.

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7. Cahill, J; **Solaroglu, I**; Zhang, JH. Apoptotic markers in vasospasm after an experimental subarachnoid hemorrhage. 9th International Conference on Cerebral Vasospasm. Cerebral Vasospasm: New Strategies in Research and Treatment. Jun 27-30, 2006

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45. Kaptanoglu E, Palaoglu S, Kilinc A, Demirpence E, Akbiyik F, **Solaroglu I**. Different responsiveness of central nervous system tissues to oxidative conditions and to the antioxidant effect of melatonin. Turkish Neurosurgical Society, 15. National Congress, Antalya, Türkiye, May 22-26, 2001
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REVIEWING AND EDITORIAL EXPERIENCE

Editorial Board Member/Peer-Reviewed Articles for:

1. Editor, Türkiye Klinikleri J Med Sci, special issue, "Vascular Neurosurgery"
2. Advisory Board Member, Neurological Research, 2009-
3. Advisory Board Member, Turkish Neurosurgery, 2006-
4. Advisory Board Member, Türk Nörosirürji Dergisi, 2006-
5. Advisory Board Member, Turkish Medical Journal, 2009-
6. Advisory Board Member, Türkiye Klinikleri J Med Sci, 2009-
7. Advisory Board Member, The Journal of Düşünen Adam, 2010-
8. Advisory Board Member, Translational Stroke Research

9. Reviewer, Stroke (AHA), 2005- 2006, 2010
10. Reviewer, Experimental Neurology, 2012
11. Reviewer, World Neurosurgery 2013-
12. Reviewer, Neurobiology Disorders 2014
13. Reviewer, Spine, 2011
14. Reviewer, Turkish Neurosurgery 2014
15. Reviewer, Journal of Neural Regeneration Research, 2006
16. Reviewer, Acta Neurochirurgica, 2008
17. Reviewer, Spinal Cord, 2010
18. Reviewer, Turkish Journal of Medical Sciences, 2010

19. Co-Editor, Turkish Neurosurgical Society Bulletin (2009-2010)

20. the translation editor of "**The Art of Medicine**"; For thousands of years artists have played a special role in the human quest to understand anatomy, health, and disease; this book celebrates their creativity and inquisitiveness using little-seen, stunning imagery from one of the world's greatest collections. The Wellcome Collection is based on the enormous bequest left by pioneering pharmacist Sir Henry Wellcome (1853-1936). Using a wealth of previously unseen images from the collection, and telling the fascinating story of medical understanding worldwide, The Art of Medicine celebrates both medical advance and visual artistry.