

## Prof. Cem AKBAL

### Personal Information

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### Biography

1997 yılında Marmara Üniversitesi Tıp Fakültesinden mezun oldum. Aynı yıl tıp ta uzmanlık sınavında başarılı olup Hacettepe Üniversitesi Tıp Fakültesi Üroloji Anabilim dalını da uzmanlık öğrenciliğine hak kazandım. Asistanlığımın 2. yılından itibaren Çocuk ürolojisi ile ilgilenmeye başladım. Asistanlığım sırasında Vanderbilt Üniversitesi (Nashville, Tennessee/USA) 3 hafta, yine aynı dönemde Erasmus Üniversitesi (Rotterdam/Hollanda) da 1 ay çalıştım. Asistanlığımı 2002 yılında tamamladım.

Hacettepe Üniversitesi Üroloji AD. Çocuk Ürolojisi bölümünde 2 yıl süre çalışmalarımı sürdürdüm ve Çocuk Ürolojisi yan dal uzmanlığımı aldım.

Ardından 1 yıl süre ile Indiana Üniversitesi (Indianapolis/USA) Tıp Fakültesi Çocuk Ürolojisi Bilim Dalı "Riley Hospital for Children" da çalıştım. Türkiye ye dönünce GATA Ankara da askerlik görevim sırasında 1 sene süre ile çocuk ürolojisi konusunda çalışmalarına devam ettim.

2006 yılında Marmara Üniversitesi Tıp Fakültesi Üroloji AD de Öğretim Üyesi olarak akademik hayatıma başladım. Burada 6 yıl Androloji bilim dalı başkanlığı yaptım. 2008 Aralık ayında Doçent, 2014 yılı Mart ayında Profesör oldum. Bu süreç içinde FEBU (Fellow of European Board of Urology), FECSM (Fellow of the European Board of Sexual Medicine) ve FEAPU (Fellow of the European Academy of Paediatric Urology) sınavlarında başarılı olup bu unvanlara sahip oldum. 2012 yılında Marmara Üniversitesi Üroloji Anabilim Dalı Çocuk Ürolojisi Bilim dalı başkanlığı ve Çocuk Ürolojisi Yan dal uzmanlığı programı yöneticiliğine getirildim. 1 Mart 2017 itibari ile Marmara Üniversitesi Tıp Fakültesi Üroloji Anabilim Dalı öğretim üyeliği görevimden ayrıldım. 2017 Mart ayından itibaren Acibadem Mehmet Ali Aydınlar Üniversitesi Üroloji AD. de görevimi sürdürmekteyim.

Avukat Ayşegül Akbal ile evli ve 1 çocukluym.

### Education Information

Post Doctorate of Medicine, Indiana University, School of Medicine, Pediatric Urology, United States Of America 2004 - 2005

Post Doctorate of Medicine, Hacettepe University, Tıp Fakültesi (İngilizce), Cerrahi Tıp Bilimleri Bölümü, Turkey 2002 - 2004

Expertise In Medicine, Hacettepe University, Tıp Fakültesi (İngilizce), Cerrahi Tıp Bilimleri Bölümü, Turkey 1998 - 2002  
Under Graduate, Marmara University, School Of Medicine, Turkey 1990 - 1997

## Foreign Languages

English, C1 Advanced

## Certificates, Courses and Trainings

Health&Medicine, Fellow of the European Academy of Pediatric Urology (FEAPU), European Society of Pediatric Urology, 2014

Health&Medicine, Fellow of the European Committee of Sexual Medicine (FECSM), European Society of Sexual Medicine, 2014

Health&Medicine, Fellow of the European Board of Urology (FEBU), European Association of Urology , 2003

## Dissertations

Expertise In Medicine, Monosemptomatik primer enuresis nokturna tedavisinde aralıklı desmopresin tedavisinin etkinliği, Hacettepe University, Tıp Fakültesi (İngilizce), Cerrahi Tıp Bilimleri Bölümü, 2002

## Research Areas

Medicine, Health Sciences, Surgery Medicine Sciences, Urology, Pediatric Urology

## Academic Titles / Tasks

Professor, Acibadem Mehmet Ali Aydınlar University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2017 - Continues

Professor, Marmara University, School Of Medicine, Surgical Medical Sciences, 2014 - 2017

Associate Professor, Marmara University, School Of Medicine, Surgical Medical Sciences, 2009 - 2014

Assistant Professor, Marmara University, School Of Medicine, Surgical Medical Sciences, 2007 - 2009

Lecturer, Marmara University, School Of Medicine, Surgical Medical Sciences, 2006 - 2007

Lecturer, Hacettepe University, Tıp Fakültesi (İngilizce), Cerrahi Tıp Bilimleri Bölümü, 2002 - 2004

## Professional Experience

Head of Department, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Surgical Sciences, 2018 - Continues

Head of Department, Marmara University, School Of Medicine, Surgical Medical Sciences, 2014 - 2017

Head of Department, Marmara University, School Of Medicine, Surgical Medical Sciences, 2006 - 2014

Staj Başkanı, Marmara University, School Of Medicine, Surgical Medical Sciences, 2006 - 2014

## Courses

Treatment of common urological problems in pediatric population, Under Graduate, 2019 - 2020

## Advising Theses

Akbal C., Deneysel üriner sistem taş hastalığı modelinde melatonin'in koruyucu etkileri, Expertise In Medicine, T.EMRE(Student), 2016

Akbal C., DENEYSEL OLARAK DİYABET OLUŞTURULMUŞ SIÇANLARDA GELİŞEN EREKTİL DİSFONKSİYONA MELATONİN

TEDAVİSİNİN OLASI KORUYUCU ETKİLERİNİN İNCELENMESİ, Expertise In Medicine, A.ŞAHAN(Student), 2015  
Akbal C., Mesane kanserli hastalarda Gas6 gen ekspresyonu ve tirozin kinaz Axl – Sky reseptörlerinin tümör evre ve derecesi ile ilişkisi, Expertise In Medicine, H.MURAT(Student), 2013  
Akbal C., Sıçan kavernozaal sinir hasarı modelinde adipoz doku kaynaklı mezenkimal kök hücrelerin erektil işlevleril iyileştirilmesinde etkinliği, Expertise In Medicine, N.MANGIR(Student), 2011  
Akbal C., Marmara Üniversitesi Tıp Fakültesi Androloji Bilim Dalı'nın erkek infertilitesi konusunda son 5 yıldaki deneyimi, Expertise In Medicine, M.ÖZAY(Student), 2010  
Akbal C., Sıçanlarda çift taraflı kavernozaal sinir hasarı öncesi verilen pde-5 inhibitörlerinin sinir hasarı sonrası oluşan kavernozaal düz kas fizyolojisi üzerine koruyucu etkilerinin saptanması, Expertise In Medicine, H.HÜSEYİN(Student), 2009

## Jury Memberships

Appointment Academic Staff, Appointment Academic Staff, İstanbul Kent Üniversitesi, April, 2020  
Appointment Academic Staff, Appointment Academic Staff, İstanbul Kent Üniversitesi, April, 2020  
Appointment Academic Staff, Appointment Academic Staff, Acibadem Mehmet Ali Aydınlar University, January, 2020

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Melatonin prevents deterioration of erectile function in streptozotocin-induced diabetic rats via sirtuin-1 expression.**  
Sahan A., Akbal C., Tavukcu H., Cevik O., Cetinel S., Sekerci C., Sener T., Sener G., Tanidir Y.  
Andrologia, 2020 (Journal Indexed in SCI)
- II. **Male infertility in Sertoli cell-only syndrome: An investigation of autosomal gene defects**  
KOÇ G., Ozdemir A. A. , Girgin G., Akbal C., Kirac D., Avcilar T., Guney A. I.  
INTERNATIONAL JOURNAL OF UROLOGY, vol.26, pp.292-298, 2019 (Journal Indexed in SCI)
- III. **Value of Urinary Brain-Derived Neurotrophic Factor Levels on the Assessment of Botulinum Toxin Type A Treatment for Neurogenic Detrusor Overactivity in Children with Myelodysplasia.**  
Sekerci C., Tanidir Y., Toprak T., Basok B., Isman F., Simsek F., Akbal C., Tarcan T.  
The Journal of urology, vol.201, pp.174-180, 2019 (Journal Indexed in SCI)
- IV. **Resveratrol treatment may preserve the erectile function after radiotherapy by restoring antioxidant defence mechanisms, SIRT1 and NOS protein expressions**  
Sener T. E. , Tavukcu H. H. , ATASOY B. M. , Cevik O., KAYA Ö. T. , ÇETİNEL Ş., Degerli A. D. , TİNAY İ., Simsek F., Akbal C., et al.  
INTERNATIONAL JOURNAL OF IMPOTENCE RESEARCH, vol.30, pp.179-188, 2018 (Journal Indexed in SCI)
- V. **Clinical and Urodynamic Results of Repeated Intradetrusor Onabotulinum Toxin A Injections in Refractory Neurogenic Detrusor Overactivity: Up to 5 Injections in a Cohort of Children With Myelodysplasia.**  
Sekerci C., Tanidir Y., Garayev A., Akbal C., Tarcan T., Simsek F.  
Urology, vol.111, pp.168-175, 2018 (Journal Indexed in SCI)
- VI. **The effect of intradetrusor botulinum neurotoxin type A on urinary NGF, TGF BETA-1, TIMP-2 levels in children with neurogenic detrusor overactivity due to myelodysplasia.**  
Top T., Sekerci C., Isbilen-Basok B., Tanidir Y., Tinay I., Isman F., Akbal C., Simsek F., Tarcan T.  
Neurourology and urodynamics, vol.36, pp.1896-1902, 2017 (Journal Indexed in SCI)
- VII. **[Validation of the spanish version of the pediatric lower urinary tract symptoms scale (PLUTSS).]**  
Somoza-Argibay I., Méndez-Gallart R., Rodríguez-Ruíz M., Vergara I., Pértega S., Akbal C.  
Archivos espanoles de urologia, vol.70, pp.645-653, 2017 (Journal Indexed in SCI)
- VIII. **Effects of platelet-rich plasma against experimental ischemia/reperfusion injury in rat testis.**  
Sekerci C., Tanidir Y., Sener T., Sener G., Cevik O., Yarat A., Alev-Tuzuner B., Cetinel S., Kervancioglu E., Sahan A., et al.  
Journal of pediatric urology, vol.13, 2017 (Journal Indexed in SCI)

- IX. **Is 40 cm H<sub>2</sub>O detrusor leak point pressure cut-off reliable for upper urinary tract protection in children with myelodysplasia?**  
Tarcan T., Sekerci C., Akbal C., Tinay I., Tanidir Y., Sahan A., Sahin B., Top T., Simsek F.  
Neurourology and urodynamics, vol.36, pp.759-763, 2017 (Journal Indexed in SCI)
- X. **The Effects of Melatonin on Ethylene Glycol-induced Nephrolithiasis: Role on Osteopontin mRNA Gene Expression.**  
Sener T., Sener G., Cevik O., Eker P., Cetinel S., Traxer O., Tanidir Y., Akbal C.  
Urology, vol.99, 2017 (Journal Indexed in SCI)
- XI. **Nonalcoholic Fatty Liver Disease is Associated with Erectile Dysfunction: A Prospective Pilot Study.**  
Duman D., Biçakci E., Çelikel Ç., Akbal C.  
The journal of sexual medicine, vol.13, pp.383-8, 2016 (Journal Indexed in SCI)
- XII. **Apocynin attenuates testicular ischemia-reperfusion injury in rats.**  
Şener T., Yüksel M., Özyılmaz-Yay N., Ercan F., Akbal C., Şimşek F., Şener G.  
Journal of pediatric surgery, vol.50, pp.1382-7, 2015 (Journal Indexed in SCI)
- XIII. **Resistant pediatric priapism: A real challenge for the urologist.**  
Sekerci C., Akbal C., Sener T., Sahan A., Sahin B., Baltacioglu F., Simsek F.  
Canadian Urological Association journal = Journal de l'Association des urologues du Canada, vol.9, 2015 (Journal Indexed in SCI)
- XIV. **Mesenchymal stem cell therapy in treatment of erectile dysfunction: autologous or allogeneic cell sources?**  
Mangir N., Akbal C., Tarcan T., Simsek F., Turkeri L.  
International journal of urology : official journal of the Japanese Urological Association, vol.21, pp.1280-5, 2014 (Journal Indexed in SCI)
- XV. **Melatonin and tadalafil treatment improves erectile dysfunction after spinal cord injury in rats.**  
Tavukçu H., Sener T., Tinay I., Akbal C., Erşahin M., Cevik O., Cadirci S., Reiter R., Sener G.  
Clinical and experimental pharmacology & physiology, vol.41, pp.309-16, 2014 (Journal Indexed in SCI)
- XVI. **Diagnostic value of the pediatric lower urinary tract symptom score in children with overactive bladder.**  
Akbal C., Şahan A., Şener T., Şahin B., Tinay I., Tarcan T., Şimşek F.  
World journal of urology, vol.32, pp.201-8, 2014 (Journal Indexed in SCI)
- XVII. **Urinary NGF, TGF-β1, TIMP-2 and bladder wall thickness predict neurourological findings in children with myelodysplasia.**  
Şekerci Ç., İşbilen B., İşman F., Akbal C., Şimşek F., Tarcan T.  
The Journal of urology, vol.191, pp.199-205, 2014 (Journal Indexed in SCI)
- XVIII. **Quercetin treatment against ischemia/reperfusion injury in rat corpus cavernosum tissue: a role on apoptosis and oxidative stress.**  
Çevik Ö., Çadirci S., Şener T., Tinay I., Akbal C., Tavukçu H., Çetinel S., Kiran D., Şener G.  
Free radical research, vol.47, pp.683-91, 2013 (Journal Indexed in SCI)
- XIX. **The role of intracavernosal injection of adipose tissue derived mesenchymal stem cells to improve erectile functions after bilateral cavernous nerve injury in rats**  
Mangir N., Akbal C., Simsek F., TARCAN T., Turkeri L.  
EUROPEAN UROLOGY SUPPLEMENTS, vol.11, 2012 (Journal Indexed in SCI)
- XX. **THE EFFECT OF NEBIVOLOL TREATMENT ON ENDOTHELIAL AND ERECTILE FUNCTIONS IN HYPERTENSIVE MEN**  
Ozben B., Kefeli U., ÇİNÇİN A. A. , Baykan O., Ozgur O., Akbal C., BAŞARAN Y. R. , YEŞİLDAĞ O.  
INTERNATIONAL JOURNAL OF CARDIOLOGY, vol.147, 2011 (Journal Indexed in SCI)
- XXI. **Outcome of preemptive penile rehabilitation before bilateral cavernosal nerve injury in rats.**  
Tavukçu H., Akbal C., Tinay I., Simşek F., Türkeri L.  
World journal of urology, vol.28, pp.735-40, 2010 (Journal Indexed in SCI)
- XXII. **PREMATURE EJACULATION IN PATIENTS WITH MALE FACTOR INFERTILITY DOES NOT OCCUR MORE OFTEN IN THE NORMAL POPULATION AS ERECTILE DYSFUNCTION DOES**

- Akbal C., Ozgur O., Mangir N., Sekerci C., Simsek F.  
JOURNAL OF SEXUAL MEDICINE, vol.7, pp.233-234, 2010 (Journal Indexed in SCI)
- XXIII. **INFERTILE MAN WITH CONSANGUINEOUS MARRIAGE REPORTED PREMATURE EJACULATION AND ERECTILE DYSFUNCTION MORE OFTEN THAN NORMAL COUPLES WITH MALE FACTOR INFERTILITY**  
Akbal C., Mangir N., Ozgur O., TİNAY İ., Simsek F.  
JOURNAL OF SEXUAL MEDICINE, vol.7, pp.185-186, 2010 (Journal Indexed in SCI)
- XXIV. **THE DEMOGRAPHY AND PARTNER'S RELATIONSHIP OF PREMATURE EJACULATION IN TURKEY: MULTICENTER STUDY**  
Can E., Demir O., Gumus B., Degirmenci T., Bolukbasi A., Basar M., Akbal C., Guner G. K. , Alici B., Inci K., et al.  
JOURNAL OF SEXUAL MEDICINE, vol.7, pp.209-210, 2010 (Journal Indexed in SCI)
- XXV. **THE APPLICABILITY OF A PREMATURE EJACULATION PROFILE QUESTIONNAIRE FORMS IN OUR COUNTRY**  
Can E., Demir O., Gumus B., Degirmenci T., Bolukbasi A., Basar M., Akbal C., Ozgur G. K. , Alici B., Inci K., et al.  
JOURNAL OF SEXUAL MEDICINE, vol.7, pp.209, 2010 (Journal Indexed in SCI)
- XXVI. **Effect of Testicular Sperm Extraction Outcome on Sexual Function in Patients With Male Factor Infertility REPLY**  
Akbal C.  
UROLOGY, vol.75, pp.601-602, 2010 (Journal Indexed in SCI)
- XXVII. **Effect of testicular sperm extraction outcome on sexual function in patients with male factor infertility.**  
Akbal C., Mangir N., Tavukçu H., Ozgür O., Simşek F.  
Urology, vol.75, pp.598-601, 2010 (Journal Indexed in SCI)
- XXVIII. **A new cause of male infertility after cisplatin exposure: the effect of cisplatin on Y chromosomes.**  
Akbal C., Türker P., Ozyürek M., Erkanli G., Simşek F., Türkeri L.  
Urology, vol.73, pp.1145-9, 2009 (Journal Indexed in SCI)
- XXIX. **Muscarinic receptor expression increases following exposure to intravesical pressures of  $\geq 40$  cm-H<sub>2</sub>O: a possible mechanism for pressure-induced cell proliferation.**  
Lee S., Misseri R., Akbal C., Jung C., Rink R., Kaefer M.  
World journal of urology, vol.26, pp.387-93, 2008 (Journal Indexed in SCI)
- XXX. **Erectile function in prostate cancer-free patients who underwent prostate saturation biopsy.**  
Akbal C., Türker P., Tavukçu H., Simşek F., Türkeri L.  
European urology, vol.53, pp.540-4, 2008 (Journal Indexed in SCI)
- XXXI. **Erectile dysfunction following radiotherapy and brachytherapy for prostate cancer: pathophysiology, prevention and treatment.**  
Akbal C., Tinay I., Simşek F., Turkeri L.  
International urology and nephrology, vol.40, pp.355-63, 2008 (Journal Indexed in SCI)
- XXXII. **Erectile dysfunction and Peyronie's disease in patient with retroperitoenal fibrosis.**  
Akbal C., Tanidir Y., Ozgen M., Simşek F.  
International urology and nephrology, vol.40, pp.971-5, 2008 (Journal Indexed in SCI)
- XXXIII. **Erectile function in patients who under-went prostate saturation biopsy: Comparision of prostate cancer patients and normals**  
Akbal C., Tuerker P., Tavukcu H. H. , Simsek F., Tuerkeri L.  
JOURNAL OF SEXUAL MEDICINE, vol.5, pp.98-99, 2008 (Journal Indexed in SCI)
- XXXIV. **The effect of consanguineous marriage on male sexual function**  
Akbal C., Tavukcu H. H. , TİNAY İ., Mangir N., Simsek F.  
JOURNAL OF SEXUAL MEDICINE, vol.5, pp.99, 2008 (Journal Indexed in SCI)
- XXXV. **Erectile dysfunction and Peyronie's disease in patients with retroperitoenal fibrosis**  
Akbal C., TANIDIR Y., Oezgen M. B. , Simsek F.  
JOURNAL OF SEXUAL MEDICINE, vol.5, pp.129, 2008 (Journal Indexed in SCI)
- XXXVI. **Bladder augmentation with acellular dermal biomatrix in a diseased animal model.**  
Akbal C., Lee S., Packer S., Davis M., Rink R., Kaefer M.

- The Journal of urology, vol.176, pp.1706-11, 2006 (Journal Indexed in SCI)
- XXXVII. **Upregulation of both PDGF-BB and PDGF-BB receptor in human bladder fibroblasts in response to physiologic hydrostatic pressure.**  
Akbal C., Lee S., Jung C., Rink R., Kaefer M.  
Journal of pediatric urology, vol.2, pp.402-8, 2006 (Journal Indexed in SCI Expanded)
- XXXVIII. **Intravesical pressure induces hyperplasia and hypertrophy of human bladder smooth muscle cells mediated by muscarinic receptors.**  
Lee S., Akbal C., Jung C., Kaefer M.  
Journal of pediatric urology, vol.2, pp.271-6, 2006 (Journal Indexed in SCI Expanded)
- XXXIX. **Collagen prolyl 4-hydroxylase is up-regulated in an acute bladder outlet obstruction.**  
Lee S., Akbal C., Misseri R., Jung C., Rink R., Kaefer M.  
Journal of pediatric urology, vol.2, pp.225-32, 2006 (Journal Indexed in SCI Expanded)
- XL. **Persistent Mullerian duct syndrome with bilateral abdominal testis: surgical approach and review of the literature.**  
Brandli D., Akbal C., Eugsster E., Hadad N., Havlik R., Kaefer M.  
Journal of pediatric urology, vol.1, pp.423-7, 2005 (Journal Indexed in SCI Expanded)
- XLI. **Refluxing ureteral reimplant as temporary treatment of obstructive megaureter in neonate and infant.**  
Lee S., Akbal C., Kaefer M.  
The Journal of urology, vol.173, 2005 (Journal Indexed in SCI)
- XLII. **Dysfunctional voiding and incontinence scoring system: quantitative evaluation of incontinence symptoms in pediatric population.**  
Akbal C., Genc Y., Burgu B., Ozden E., Tekgul S.  
The Journal of urology, vol.173, pp.969-73, 2005 (Journal Indexed in SCI)
- XLIII. **Collateral bladder duplication with exstrophy of one moiety in a female infant.**  
Akbal C., Misseri R., Rink R., Kaefer M.  
Journal of pediatric urology, vol.1, pp.47-9, 2005 (Journal Indexed in SCI Expanded)
- XLIV. **Minimally invasive retrograde endourological technique for obstructed ectopic ureter.**  
Akbal C., Lee S., Kaefer M.  
The Journal of urology, vol.172, pp.1445, 2004 (Journal Indexed in SCI)
- XLV. **Intermittent oral desmopressin therapy for monosymptomatic primary nocturnal enuresis.**  
Akbal C., Ekici S., Erkan I., Tekgül S.  
The Journal of urology, vol.171, pp.2603-6, 2004 (Journal Indexed in SCI)
- XLVI. **An extended 10-core transrectal ultrasonography guided prostate biopsy protocol improves the detection of prostate cancer.**  
Eskicorapci S. Y. , Baydar D., Akbal C., Sofikerim M., Günay M., Ekici S., Ozen H.  
European urology, vol.45, 2004 (Journal Indexed in SCI)
- XLVII. **Microstaging of pT1 transitional cell carcinoma of the bladder. Does it really differentiate two populations with different prognoses? (pT1 subcategory).**  
Sözen S., Akbal C., Sökmensüer C., Ekici S., Ozen H.  
Urologia internationalis, vol.69, pp.200-6, 2002 (Journal Indexed in SCI)
- XLVIII. **The free-to-total serum prostatic specific antigen ratio as a predictor of the pathological features of prostate cancer.**  
Erdem E., Atsü N., Akbal C., Bilen C., Ergen A., Ozen H.  
International urology and nephrology, vol.34, pp.519-23, 2002 (Journal Indexed in SCI Expanded)
- XLIX. **Repeated transurethral resection and intravesical BCG for extensive superficial bladder tumors**  
Ozen H., Ekici S., Uygur M., Akbal C., Sahin A.  
JOURNAL OF ENDOUROLOGY, vol.15, pp.863-867, 2001 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Clinical Risk Factors for Extended Spectrum B-lactamase-producing Bacteriuria in Children with Myelodysplasia Performing Clean Intermittent Catheterization**  
Toprak T., Sahan A., Sulukaya M., Garayev A., Sekerci C. A. , TANIDIR Y., Akbal C., TARCAN T.  
JOURNAL OF UROLOGICAL SURGERY, vol.7, pp.139-143, 2020 (Journal Indexed in ESCI)
- II. **Assessment of Voiding Dysfunction and Nocturnal Enuresis Rates in Primary School Children in an Anatolian City with a Validated Dysfunctional Voiding Scoring System Questionnaire**  
Tavukcu H. H. , TANIDIR Y., Tavukcu E., Akbal C., Simsek F., TARCAN T.  
JOURNAL OF UROLOGICAL SURGERY, vol.5, pp.182-188, 2018 (Journal Indexed in ESCI)
- III. **Are There Any Differences in the Neural and Extracellular Matrix Proteins Density Between Children and Adults with Intrinsic Ureteropelvic Junction Obstruction?**  
Sahin B., KAYA C., Talibzade F., TANIDIR Y., ERCAN F., Demirci E. K. , Sekerci C. A. , Akbal C., Simsek F.  
JOURNAL OF UROLOGICAL SURGERY, vol.4, pp.177-182, 2017 (Journal Indexed in ESCI)
- IV. **The Significance of the Contralateral Testis Size Measurement with Ultrasonography in Predicting Monorchism in Boys with Nonpalpable Testicles**  
Sekerci C. A. , TANIDIR Y., Sener T. E. , Asadov R., Sahan A., TARCAN T., Simsek F., Akbal C.  
JOURNAL OF UROLOGICAL SURGERY, vol.4, pp.61-65, 2017 (Journal Indexed in ESCI)
- V. **A Rare Urologic Emergency of Penile Strangulation with a Metallic Ring**  
Tavukcu H. H. , Bozkurt I. H. , TİNAY İ., Akbal C.  
JOURNAL OF UROLOGICAL SURGERY, vol.4, pp.32-34, 2017 (Journal Indexed in ESCI)
- VI. **Utility of Voiding Dysfunction Symptom Score in Diagnosis and Treatment of Enuresis Nocturna**  
TANIDIR Y., Sekerci C. A. , Top T., Talibzade F., Sahan A., Sener T. E. , TARCAN T., Simsek F., Akbal C.  
JOURNAL OF UROLOGICAL SURGERY, vol.4, pp.8-12, 2017 (Journal Indexed in ESCI)
- VII. **Experience with Treatment of Retroperitoneal Fibrosis: Collaboration of Urology and Nephrology Departments for 26 years in Marmara University**  
Sekerci C. A. , TANIDIR Y., Ozgen M. B. , KOÇ M., Akbal C., Simsek F.  
TURKISH NEPHROLOGY DIALYSIS AND TRANSPLANTATION JOURNAL, vol.26, pp.305-310, 2017 (Journal Indexed in ESCI)
- VIII. **Yaşlanma ve ereksiyon işlev bozukluğu**  
AKBAL C., ŞİMŞEK F.  
Türkiye Klinikleri. Üroloji. Seksüel Disfonksiyon Özel Sayısı, vol.38, pp.9-14, 2017 (Other Refereed National Journals)
- IX. **Çocukluk Çağı Mesane Tümörleri**  
ŞEKERCİ Ç. A. , AKBAL C.  
KANSER GÜNDEMİ, vol.4, pp.138-142, 2016 (Other Refereed National Journals)
- X. **Management of Neonatal Priapism: Report of Two Cases and Review of the Literature**  
Talibzade F., Akbal C., Sekerci C. A. , Ozgur M. O. , ÇAM H. K. , Simsek F.  
JOURNAL OF UROLOGICAL SURGERY, vol.3, pp.22-24, 2016 (Journal Indexed in ESCI)
- XI. **The role of occult spinal malformation and upper urinary tract deterioration in children with intractable voiding dysfunction**  
TANIDIR Y., Sener T. E. , Sekerci C. A. , Sahan A., BAYRİ Y., Tanrikulu B., TİNAY İ., ALPAY H., TARCAN T., Simsek F., et al.  
MARMARA MEDICAL JOURNAL, vol.29, pp.157-163, 2016 (Journal Indexed in ESCI)
- XII. **Juxtaglomerular Cell Tumor (Reninoma): A Case Report and Mini-Review**  
Sener T. E. , Sekerci C. A. , TANIDIR Y., Sahin B., Cinel L., FİLİNTE D., Onem I., Akbal C.  
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- XXXV. **Outcome of testicular sperm extraction TESE on sexual function in patient with male factor infertility**

AKBAL C., MANGIR N., TAVUKÇU H. H. , ÖZGÜR M. Ö. , ŞİMŞEK F.

ESSM Annual Meeting, 7 - 11 December 2008

- XXXVI. **The impact of assisted reproductive procedure results on sexual dysfunction due to male factor infertility**

AKBAL C., TAVUKÇU H. H. , ŞEKERCİ Ç. A. , ŞİMŞEK F.

ESSM Annual Meeting, 7 - 11 December 2008

- XXXVII. **Muscarinic Receptor Expression Increases Following Exposure to Intravesical Presures of 40 cm H<sub>2</sub>O**

LEE S., MISSERI R., AKBAL C., JUNG C., SHAW M., RINK R., KAEFER M.

54th Annual Meeting The Society for Pediatric Urology, San-Antonio, Northern Mariana Islands, 21 May 2005 - 23 May 2005

- XXXVIII. **Erectile dysfunction and Peyronie s disease in patients with retroperitoenal fibrosis**

AKBAL C., TANIDIR Y., ÖZGEN M. B. , ŞİMŞEK F.

10th Congress of the European Society for Sexual Medicine, 25 November 2007 - 28 November 2007

- XXXIX. **A new cause of male infertility after cisplatin exposure: The effect of cisplatin on Y chromosomes**

Akbal C., Turker P., Ozyurek M., Erkanli G., Simsek F., Turkeri L.

103rd Annual Meeting of the American-Urological-Association, Florida, United States Of America, 17 May 2008, vol.179, pp.634

- XL. **Predictive value of voiding dysfunction symptom score to find the response time to the treatment**

Irkilata H. C. , Ors O., Kibar Y., Akbal C., Dayanc M.

103rd Annual Meeting of the American-Urological-Association, Florida, United States Of America, 17 May 2008, vol.179, pp.298

- XLI. **The impact of male factor infertility on sexual function**

AKBAL C., TAVUKÇU H. H. , ÖZGÜR M. Ö. , TÜRKER P., ŞİMŞEK F.

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- XLII. **The effect of consanguineous marriage on male sexual function**

AKBAL C., TAVUKÇU H. H. , TİNAY İ., MANGIR N., ŞİMŞEK F.

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- XLIII. **Erectile function in patients who underwent prostate saturation biopsy Comparision of prostate cancer patients and normals**

AKBAL C., TÜRKER P., TAVUKÇU H. H. , ŞİMŞEK F., TÜRKERİ L. N.

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- XLIV. **Is the definition of success with SEAPI QMM incontinence classification system correct after tension free vaginal sling procedure before validation of score sheet in patient s own language**

TARCAN T., AKBAL C., TİNAY İ., GENÇ Y., YALÇIN İ.

EAU 1st Eastern Mediterranean Meeting, 19 - 20 October 2007

- XLV. **Sexual function in patient with retroperitoenal fibrosis**

AKBAL C., TANIDIR Y., ÖZGEN M. B. , ŞİMŞEK F.

EAU 1st Eastern Mediterranean Meeting, Antalya, 19 - 20 October 2007

- XLVI. **Short term results of a secondary male sling procedure after failed InVance bone anchored male sling**

YALÇIN İ., TİNAY İ., AKBAL C., TARCAN T.

37th Annual Meeting of the International Continence Society, Rotterdam, Netherlands, 20 - 24 August 2007

- XLVII. **Upregulation of both PDGF BB and PDGF BB receptor in human bladder fibroblasts in response to hydrostatic pressure in the physiologic range**

AKBAL C., LEE S., JUNG C., RINK R., KAEFER M.

XX th Congress of the European Association of Urology, 16 - 19 March 2005

- XLVIII. **Preliminary results of bladder augmentation with acellular dermal biomatrix ADB in a diseased animal model**

AKBAL C., LEE S., PECKER S., DAVIS M., RINK R., KAEFER M.

XX th Congress of the European Association of Urology, 16 - 19 March 2005

- XLIX. **Acetylcholine in the presence of increased hydrostatic pressure is a mitogen for bladder smooth**

**muscle cell**

LEE S., AKBAL C., MARTIN K.

ESPU-AAP Meeting, Uppsala, Sweden, 15 - 18 June 2005

- L. **Platlet derived growth factor is increased after exposure to elevated hydrostatic pressure**  
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- LI. **Muscarinic receptor expression increases following exposure to intravesical pressures of  $\geq 40$  CM-H<sub>2</sub>O**  
Lee S., Miseeri R., Akbal C., Jung C., Shaw M., Rink R., Kaefer M.  
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- LII. **A novel mechanism for pressure induced cell proliferation in human bladder smooth muscle cells**  
LEE S., ROSALIA M., AKBAL C., JUNG C., KAEFER M.  
XX th Congress of the European Association of Urology, İstanbul, Turkey, 16 - 19 March 2005
- LIII. **Collagen prolyl 4 hydroxylase activity is upregulated in bladder outlet obstruction XX th Congress of the European Association of Urology**  
LEE S., ROSALIA M., AKBAL C., JUNG C., KAEFER M.  
XX th Congress of the European Association of Urology, 16 - 19 March 2005
- LIV. **Intermittent oral desmopressin therapy for mono symptomatic nocturnal enuresis**  
AKBAL C., TEKGÜL S., EKİCİ S., ERGEN A., BAKKALOĞLU M., İLHAN E.  
" ICCS & Asia Pasific Association of Pediatric Urologist Joint Meeting, Hong Kong, 10 - 13 December 2002
- LV. **The Wetting and Functional Voiding Disorder scoring system Quantitative standardization of Wetting and Functional Voiding Disorder symptoms in pediatric population**  
AKBAL C., GENÇ Y., BURGU B., KESKİN M. S. , ÖZDEN E., TEKGÜL S.  
AUA 2004 Annual Meeting, 8 - 13 May 2004
- LVI. **Do we need additional treatment in order to treat the enuresis nocturna symptoms in patient with voiding dysfunction**  
TEKGÜL S., AKBAL C., BURGU B.  
XV. th Annual Meeting of ESPU, Germany, 21 - 24 April 2004
- LVII. **Functional voiding problems - symptom scoring system: quantitative standardization of voiding problems in children**  
Tekgul S., Akbal C., Burgu B., Genc Y., Keskin S., Ozden E.  
15th Annual Meeting of the European-Society-for-Paediatric-Urology (ESPU), Regensburg, Germany, 22 - 25 April 2004, vol.93, pp.63
- LVIII. **Do we need additional treatment for symptoms of nocturnal enuresis in patients with voiding dysfunction?**  
Tekgul S., Akbal C., Burgu B.  
15th Annual Meeting of the European-Society-for-Paediatric-Urology (ESPU), Regensburg, Germany, 22 - 25 April 2004, vol.93, pp.65
- LIX. **Functional voiding problems symptom scoring system: Quantitative standardization of voiding problems in pediatric population**  
Akbal C., Genc Y., Burgu B., Keskin S., Ozden E., Tekgul S.  
99th Annual Meeting of the American-Urological-Association, San-Francisco, Costa Rica, 8 - 13 May 2004, vol.171, pp.54
- LX. **Patient selection for autoaugmentation**  
AKBAL C., KESKİN M. S. , KHALIT A., TEKGÜL S.  
EAU XVIII-ESPU XIV, Spain, 12 March 2002 - 15 March 2003
- LXI. **What is the outcome of VUR after augmentation cystoplasty**  
TEKGÜL S., AKBAL C., ÖNER S., ATSÜ M. N. , ERGEN A., ÇAKMAK F.  
13 th ESPU, Hungary, 11 - 13 April 2002
- LXII. **Fascial Sling Cystouretopexy in children with sphincteric incontinance**

TEKGÜL S., AKBAL C., ÖNER S., HASÇIÇEK M., ERGEN A.

13 th ESPU, Hungary, 11 - 13 April 2002

**LXIII. Voiding dysfunction is another component of Duchene muscular dystrophy**

TEKGÜL S., AKBAL C., ÖNER S., CİMBİŞ M.

13 th ESPU, Hungary, 11 - 13 April 2002

**LXIV. Spiral CT in pediatric urolitiasis**

TEKGÜL S., ÖNER S., OTO A., AKBAL C., HASÇIÇEK M., BAKKALOĞLU M., KENDİ S.

12th. ESPU meeting and 3rd ICCS congress, Aarhus, 26 - 29 April 2001

**LXV. Results of open and endoscopic antireflux surgery in patients with primary vur or reflux with voiding dysfunction**

TEKGÜL S., ATSÜ M. N. , AKBAL C., ESKİÇORAPÇI S. Y. , EKİCİ S., BAKKALOĞLU M., EKİCİ S., BAKKALOĞLU M., KENDİ S.

12th. ESPU meeting and 3rd ICCS congress, Aarhus, Denmark, 26 - 29 April 2001

**LXVI. Cytocrome P450 Glutation S Transferase M1 Genotypes as risk factors for Benign Prostatic hyperplasia and prostate cancer**

HASÇIÇEK M., AKTAŞ D., ÖNER S., AKBAL C., KENDİ S., ÖZEN A. H.

XVI th. Congress of EAU, Geneva, Switzerland, 7 - 10 April 2001

**LXVII. Management of ureteral obstruction secondary to non urologic pelvic malignancies**

ERDEM E., AKBAL C., ATSÜ M. N. , ÖZMEN M. N. , ŞAHİN A., ÖZEN A. H.

XVI th. Congress of EAU, Geneva, Switzerland, 7 - 10 April 2001

**LXVIII. Results of open and endoscopic anti reflux surgery in patients with primary vesicoureteral reflux with voiding dysfunction**

TEKGÜL S., ATSÜ M. N. , AKBAL C., ESKİÇORAPÇI S. Y. , EKİCİ S., BAKKALOĞLU M., KENDİ S.

XVI th. Congress of EAU, Geneva, Switzerland, 7 - 10 April 2001

**LXIX. Result of anti reflux surgery in children with voiding dysfunction**

TEKGÜL S., EKİCİ S., AKBAL C., BAKKALOĞLU M., KENDİ S.

AUA 95 th. Annual meeting, Atlanta, United States Of America, 29 April - 02 May 2000

## **Memberships / Tasks in Scientific Organizations**

TÜRK ÇOCUK ÜROLOJİSİ DERNEĞİ, Vice President, 2019 - Continues, Turkey

Ürolojik Cerrahi Derneği, Principal Member, 2010 - Continues, Turkey

Avrupa Üroloji Derneği, Principal Member, 2008 - Continues, Netherlands

Avrupa Çocuk Ürolojisi Derneği, Principal Member, 2004 - Continues, Belgium

## **Scientific Refereeing**

JOURNAL OF UROLOGICAL SURGERY, National Scientific Refreed Journal, May 2020

## **Citations**

Total Citations (WOS):535

h-index (WOS):13

## **Invited Talks**

Prof. Dr. Ferruh Şimşek Marmara Üroloji Günleri, Conference, Marmara Üniversitesi, Turkey, March 2020

Alt Üriner Sistem Disfonksiyonu. Nöropatik mesaneyeye yaklaşım: Neler değişti?, Conference, Türk Çocuk Ürolojisi Derneği,

Turkey, December 2019

## Scholarships

Nato B1, TUBITAK, 2004 - 2004

Asistan Eğitim Destek Bursu, Other Government Agencies, 2001 - 2001

## Awards

Akbal C., 3. Ulusal Ürolojik Cerrahi Kongresi En iyi Sözlü Sunum 1. lik Ödülü, Ürolojik Cerrahi Derneği, November 2016

Akbal C., ESPU Kelm Hajalmas Poster Prize Temel Bilimler 1.lik Ödülü, Avrupa Çocuk Ürolojisi Derneği , April 2016

Akbal C., 2014 Bilimsel Araştırma 3. lük ödülü, Marmara Tıbbi Hizmetler Geliştirme Ve Yardım Derneği, June 2014

Akbal C., As. Dr. Cengiz Çetin Tez yarışması 3. lik Ödülü, İstanbul Tabip Odası, March 2014

Akbal C., As. Dr. Cengiz Çetin Tez yarışması 1. lik Ödülü, İstanbul Tabip Odası, March 2012

Akbal C., As. Dr. Cengiz Çetin Tez yarışması 1. lik Ödülü, İstanbul Tabib Odası, March 2010

Akbal C., En iyi poster sunumu 1. lik ödülü, Türk Çocuk Ürolojisi Derneği, November 2007

Akbal C., ESPU Kelm Hjalmas Poster Prize , Basic Research, Espu, June 2005

Akbal C., EN İYİ POSTER, Eau, March 2005

Akbal C., 2001 EBU (European Board of Urology) in- service sınavında Türkiye den katılan 95 Asistan içinde birincilik ödülü., Ebu, January 2001