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Education Information

Post Doctorate of Medicine, Sheffield Teaching Hospitals NHS Foundation Trust, Department of Urology, United Kingdom
2019 - 2020

Doctorate, University of Sheffield, Faculty of Engineering, United Kingdom 2013 - 2019

Expertise In Medicine, Marmara University, School Of Medicine, Surgical Medical Sciences, Turkey 2006 - 2011

Undergraduate, Marmara University, School Of Medicine, Turkey 2000 - 2006

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Developing biocompatible materials with improved angiogenic potential for surgical treatment of stress urinary incontinence and pelvic organ prolapse, University of Sheffield, Faculty of Engineering, 2019

Expertise In Medicine, Marmara University, School Of Medicine, Surgical Medical Sciences, 2011

Research Areas

Health Sciences

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Tıp Fakültesi (Türkçe), Cerrahi Tıp Bilimleri Bölümü, 2020 - Continues

Assistant Professor, University of Sheffield, Materials Science and Engineering, Faculty of Engineering, 2020 - Continues

Research Assistant PhD, University of Sheffield, Materials Science and Engineering, Faculty of Engineering, 2016 - 2019

Research Assistant PhD, University of Sheffield, Kroto Research Institute, Materials Science and Engineering, 2013 - 2016

Expert PhD, Bismil Devlet Hastanesi, Üroloji Kliniği, 2012 - 2014

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

- Simulation of the process of angiogenesis: Quantification and assessment of vascular patterning in the chicken chorioallantoic membrane**

Guerra A., Belinha J., Mangir N., MacNeil S., Jorge R. N.

COMPUTERS IN BIOLOGY AND MEDICINE, vol.136, 2021 (Journal Indexed in SCI)

- II. **Current standard of care in treatment of bladder pain syndrome/interstitial cystitis**
Lopez S. R. , MANGIR N.
THERAPEUTIC ADVANCES IN UROLOGY, vol.13, 2021 (Journal Indexed in SCI)
- III. **The Modified Prone Jack-knife Position for the Excision of Female Urethral Diverticula**
Osman N. I. , MANGIR N., Reeves F. A. , Franco A., Ricci E., Inman R., Chapple C. R.
EUROPEAN UROLOGY, vol.79, no.2, pp.290-297, 2021 (Journal Indexed in SCI)
- IV. **Complications related to use of mesh implants in surgical treatment of stress urinary incontinence and pelvic organ prolapse: infection or inflammation?**
Mangir N., Roman S., Chapple C. R. , MacNeil S.
World Journal of Urology, vol.38, no.1, pp.73-80, 2020 (Journal Indexed in SCI)
- V. **Landmarks in vaginal mesh development: polypropylene mesh for treatment of SUI and POP**
Mangir N., Aldemir Dikici B., Chapple C. R. , MacNeil S.
Nature Reviews Urology, vol.16, no.11, pp.675-689, 2019 (Journal Indexed in SCI)
- VI. **Using ex Ovo Chick Chorioallantoic Membrane (CAM) Assay to Evaluate the Biocompatibility and Angiogenic Response to Biomaterials**
Mangir N., Dikici S., Claeysens F., Macneil S.
ACS Biomaterials Science and Engineering, vol.5, no.7, pp.3190-3200, 2019 (Journal Indexed in SCI)
- VII. **Designing new synthetic materials for use in the pelvic floor: what is the problem with the existing polypropylene materials?**
Roman S., Mangir N., Macneil S.
Current Opinion in Urology, vol.29, no.4, pp.407-413, 2019 (Journal Indexed in SCI)
- VIII. **The changing regulatory landscape for biomedical implants and its relationship to withdrawal of some vaginal mesh products**
Mangir N., Roman S., Macneil S.
Current Opinion in Urology, vol.29, no.4, pp.414-418, 2019 (Journal Indexed in SCI)
- IX. **Current state of urethral tissue engineering**
Mangir N., Wilson K. J. , Osman N. I. , Chapple C. R.
Current Opinion in Urology, vol.29, no.4, pp.385-393, 2019 (Journal Indexed in SCI)
- X. **Improving the biocompatibility of biomaterial constructs and constructs delivering cells for the pelvic floor**
Mangir N., Roman S., Macneil S.
Current Opinion in Urology, vol.29, no.4, pp.419-425, 2019 (Journal Indexed in SCI)
- XI. **Tissue engineering for the pelvic floor**
Macneil S., Mangir N., Roman S., Mironska E.
Current Opinion in Urology, vol.29, no.4, pp.426-430, 2019 (Journal Indexed in SCI)
- XII. **An estradiol releasing, proangiogenic hydrogel as a candidate material for use in soft tissue interposition**
Mangir N., Eke G., HASIRCI N., Chapple C. R. , Hasirci V., MacNeil S.
Neurourology and Urodynamics, vol.38, no.5, pp.1195-1202, 2019 (Journal Indexed in SCI)
- XIII. **Robotic Surgery as Applied to Functional and Reconstructive Urology**
Osman N. I. , Mangir N., Mironska E., Chapple C. R.
European Urology Focus, vol.5, no.3, pp.322-328, 2019 (Journal Indexed in SCI)
- XIV. **The Clinical Role of LASER for Vulvar and Vaginal Treatments in Gynecology and Female Urology: An ICS/ISSVD Best Practice Consensus Document**
Preti M., Vieira-Baptista P., Digesu G. A. , Bretschneider C. E. , Damaser M., Demirkesen O., Heller D. S. , Mangir N., Marchitelli C., Mourad S., et al.
Journal of Lower Genital Tract Disease, vol.23, no.2, pp.151-160, 2019 (Journal Indexed in SCI)
- XV. **The clinical role of LASER for vulvar and vaginal treatments in gynecology and female urology: An ICS/ISSVD best practice consensus document**
Preti M., Vieira-Baptista P., Digesu G. A. , Bretschneider C. E. , Damaser M., Demirkesen O., Heller D. S. , Mangir N., Marchitelli C., Mourad S., et al.

- Neurourology and Urodynamics, vol.38, no.3, pp.1009-1023, 2019 (Journal Indexed in SCI)
- XVI. **Oestradiol-releasing Biodegradable Mesh Stimulates Collagen Production and Angiogenesis: An Approach to Improving Biomaterial Integration in Pelvic Floor Repair**
Mangir N., Hillary C. J., Chapple C. R., MacNeil S.
European Urology Focus, vol.5, no.2, pp.280-289, 2019 (Journal Indexed in SCI)
- XVII. **Exploration of 2-deoxy-D-ribose and 17 β -Estradiol as alternatives to exogenous VEGF to promote angiogenesis in tissue-engineered constructs**
Dikici S., Mangir N., Claeysens F., Yar M., Macneil S.
Regenerative Medicine, vol.14, no.3, pp.179-197, 2019 (Journal Indexed in SCI)
- XVIII. **Use of a simple in vitro fatigue test to assess materials used in the surgical treatment of stress urinary incontinence and pelvic organ prolapse**
Roman S., Mangir N., Hympanova L., Chapple C. R., Deprest J., MacNeil S.
Neurourology and Urodynamics, vol.38, no.1, pp.107-115, 2019 (Journal Indexed in SCI)
- XIX. **An improved in vivo methodology to visualise tumour induced changes in vasculature using the chick chorionic allantoic membrane assay**
Mangir N., Raza A., Haycock J. W., Chapple C., Macneil S.
In Vivo, vol.32, no.3, pp.461-472, 2018 (Journal Indexed in SCI)
- XX. **Demonstration of improved tissue integration and angiogenesis with an elastic, estradiol releasing polyurethane material designed for use in pelvic floor repair**
Shafaat S., Mangir N., Regureos S. R., Chapple C. R., MacNeil S.
Neurourology and Urodynamics, vol.37, no.2, pp.716-725, 2018 (Journal Indexed in SCI)
- XXI. **Turkish version of the Ureteral Stent Symptoms Questionnaire: linguistic and psychometric validation**
TANIDIR Y., Mangir N., Sahan A., Sulukaya M.
World Journal of Urology, vol.35, no.7, pp.1149-1154, 2017 (Journal Indexed in SCI)
- XXII. **Development of a UV crosslinked biodegradable hydrogel containing adipose derived stem cells to promote vascularization for skin wounds and tissue engineering**
Eke G., Mangir N., HASIRCI N., MacNeil S., Hasirci V.
Biomaterials, vol.129, pp.188-198, 2017 (Journal Indexed in SCI)
- XXIII. **Stem cell therapies in post-prostatectomy erectile dysfunction: A critical review**
Mangir N., Türkeri L.
Canadian Journal of Urology, vol.24, no.1, pp.8609-8619, 2017 (Journal Indexed in SCI)
- XXIV. **Production of ascorbic acid releasing biomaterials for pelvic floor repair**
Mangir N., Bullock A. J., Roman S., Osman N., Chapple C., MacNeil S.
Acta Biomaterialia, vol.29, pp.188-197, 2016 (Journal Indexed in SCI)
- XXV. **The relationship of p16, ki-67, bcl-2, p53 and ck20 immune expressions with recurrence in superficial bladder tumours**
Yalcin O., Saglam Y., Ozkan N., Ozdemir S., Mangir N., Eren F.
VIRCHOWS ARCHIV, vol.467, 2015 (Journal Indexed in SCI)
- XXVI. **Biodegradable scaffolds designed to mimic fascia-like properties for the treatment of pelvic organ prolapse and stress urinary incontinence**
Roman S., Mangir N., Bissoli J., Chapple C. R., MacNeil S.
Journal of Biomaterials Applications, vol.30, no.10, pp.1578-1588, 2015 (Journal Indexed in SCI)
- XXVII. **Safety and efficacy of retropubic or transobturator midurethral slings in a randomized cohort of Turkish women**
TARCAN T., Mangir N., Sahan A., TANIDIR Y., Sulukaya M., Ilker Y.
Urologia Internationalis, vol.93, no.4, pp.449-453, 2014 (Journal Indexed in SCI)
- XXVIII. **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, vol.21, no.12, pp.1280-1285, 2014 (Journal Indexed in SCI)

- XXIX. **Identification of patients with microscopic hematuria who are at greater risk for the presence of bladder tumors using a dedicated questionnaire and point of care urine test - A study by the Members of Association of Urooncology, Turkey**
Turkeri L., Mangir N., Gunlusoy B., Yildirim A., Baltaci S., Kaplan M., Bozlu M., Mungan A.
Asian Pacific Journal of Cancer Prevention, vol.15, no.15, pp.6283-6286, 2014 (Journal Indexed in SCI)
- XXX. **Docetaxel based chemotherapy in the treatment of patients with castration resistant prostate cancer**
Quimioterapia basada en docetaxel en el tratamiento de pacientes con cáncer de prostata resistente a la castración
Mangir N., Türkeri L.
Actas Urologicas Espanolas, vol.38, no.8, pp.515-522, 2014 (Journal Indexed in SCI)
- XXXI. **Preliminary results of noninvasive detection of TMPRSS2:ERG gene fusion in a cohort of patients with localized prostate cancer**
Tavukcu H. H. , Mangir N., ÖZYÜREK M., Turkeri L.
Korean Journal of Urology, vol.54, no.6, pp.359-363, 2013 (Journal Indexed in SCI Expanded)
- XXXII. **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)
- XXXIII. **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)
- XXXIV. **Effect of Testicular Sperm Extraction Outcome on Sexual Function in Patients With Male Factor Infertility**
Akbal C., Mangir N., Tavukçu H. H. , Özgür Ö., Şimşek F.
Urology, vol.75, no.3, pp.598-601, 2010 (Journal Indexed in SCI)
- XXXV. **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)

Articles Published in Other Journals

- I. **What are the Predictive Factors of the Cure and Complication Rates for Midurethral Slings in the Treatment of Stress Urinary Incontinence in Women: A Multicenter and Multivariate Analysis Study**
Citgez S., Demirkesen O., Mangir N., ŞİMŞİR A., Ozyurt C., Ciftci S., ÖZKÜRKÜGİL C., Irkilata L., Sen I., TARCAN T., et al.
JOURNAL OF UROLOGICAL SURGERY, vol.4, no.3, pp.109-116, 2017 (Journal Indexed in ESCI)
- II. **Parameatal Urethral Cyst: A Case Report**
Tavukcu H. H. , Mangir N., Dokanakoglu B. O. , TARCAN T.
JOURNAL OF UROLOGICAL SURGERY, vol.4, no.2, pp.88-90, 2017 (Journal Indexed in ESCI)
- III. **Radical Prostatectomy is a Valuable Treatment Alternative in Patients with High-Risk Prostate Cancer**
Mangir N., Top T., TİNAY İ., TANIDIR Y., Turkeri L.
JOURNAL OF UROLOGICAL SURGERY, vol.2, no.3, pp.124-128, 2015 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluation of the angiogenic and osteogenic activity of two potent alternatives to VEGF: 2-deoxy-D-ribose (2dDR) and 17 beta-Estradiol (E2) loaded tissue engineering scaffolds**

Dikici S, Mangir N, Kanczler J, Yar M, Oreffo R, MacNeil S.

256th National Meeting and Exposition of the American-Chemical-Society (ACS) - Nanoscience, Nanotechnology and Beyond, Massachusetts, United States Of America, 19 - 23 August 2018, vol.256

II. THE FUNCTIONAL CONSEQUENCES OF ALLOGENICITY OF ADIPOSE DERIVED STEM CELLS FOR INTRACAVERNOSAL INJECTION AFTER CAVERNOUS NERVE INJURY IN RATS

Mangir N, Akbal C, Simsek F, Tarcan T, Turkeri L.

AUA Annual Meeting, Georgia, United States Of America, 19 - 23 May 2012, vol.187

III. ICIQ- SF IS AN ACCURATE NON-INVASIVE TOOL THAT CAN BE USED IN PRIMARY CARE SETTING TO DETERMINE THE TYPE OF URINARY INCONTINENCE

Mangir N, Sahan A, TARCAN T.

41st Annual Meeting of the International-Continence-Society (ICS), Glasgow, United Kingdom, 29 August - 02 September 2011, vol.30, pp.1005

IV. OUTCOME OF TESTICULAR SPERM EXTRACTION (TESE) ON SEXUAL FUNCTION IN PATIENTS WITH MALE FACTOR INFERTILITY

Akbal C, Mangir N, Tavukcu H. H. , Oezguer O, Simsek F.

104th Annual Meeting of the American-Urological-Association, Illinois, United States Of America, 25 - 30 April 2009, vol.181, pp.734

Citations

Total Citations (WOS):367

h-index (WOS):12

Awards

Mangır N., Asistan Dr. Cengiz Çetin En İyi Tez Ödülü, İstanbul Tabip Odası, June 2012