



## Okyaz Eminaga

Postdoctoral Research Fellow, Urology

### Bio

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#### HONORS AND AWARDS

- Early Investigator Award for Prostate Cancer, Stanford (09/2018)
- School of Medicine Dean's Postdoctoral Fellowship, Stanford Medical School (01/2018)
- Best poster in the session "Infertility: Basic to clinical", European Urological Association Meeting 2017, London (03/2017)
- 1st Best Presentation, 20th Surgical Research Day (09/2016)
- Research Scholarship, Dr. Werner Jackstädt foundation (02/2016)
- First and third best poster prizes, Kongress der Nordrhein-Westfälischen Gesellschaft für Urologie eV (2015)
- Research Project Grant, Köln Fortune (04/2014-03/2015)
- Best poster in the session "How to staging Prostate Cancer", European Urological Association Meeting 2013, Milan (03/2013)

#### PROFESSIONAL EDUCATION

- Doctor of Medicine, Westfälische Wilhelms Universität (2010)
- German Board for Urology, the North Rhine Medical Association , Urology (2015)
- PhD in medicine, Westfälische Wilhelms-Universität Münster , Urology/Medical Informatics/Pathology (2010)
- Staatsexamen, Westfälische Wilhelms-Universität Münster , Medicine (2009)

### Publications

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#### PUBLICATIONS

- **The upregulation of hypoxia-related miRNA 210 in primary tumor of lymphogenic metastatic prostate cancer** *EPIGENOMICS*  
Eminaga, O., Fries, J., Neiss, S., Heitmann, M., Woetzel, F., Heidenreich, A., Bruns, C., Alakus, H., Warnecke-Eberz, U.  
2018; 10 (10): 1347-59
- **Novel lincRNA SLINKY is a prognostic biomarker in kidney cancer** *ONCOTARGET*  
Gong, X., Siprashvili, Z., Eminaga, O., Shen, Z., Sato, Y., Kume, H., Homma, Y., Ogawa, S., Khavari, P. A., Pollack, J. R., Brooks, J. D.  
2017; 8 (12): 18657-18669
- **Postoperative Nomogram for Relapse-Free Survival in Patients with High Grade Upper Tract Urothelial Carcinoma** *JOURNAL OF UROLOGY*  
Krabbe, L., Eminaga, O., Shariat, S. F., Hutchinson, R. C., Lotan, Y., Sagalowsky, A. I., Raman, J. D., Wood, C. G., Weizer, A. Z., Roscigno, M., Montorsi, F., Bolenz, C., Novara, et al  
2017; 197 (3): 580-588
- **Blind Biobanking of the Prostatectomy Specimen: Critical Evaluation of the Existing Techniques and Development of the New 4-Level Tissue Extraction Model With High Sampling Efficacy.** *PROSTATE*  
Tolkach, Y., Eminaga, O., et al

2017

- **MUC1 Expression by Immunohistochemistry Is Associated with Adverse Pathologic Features in Prostate Cancer: A Multi-Institutional Study** *PLOS ONE*  
Eminaga, O., Wei, W., Hawley, S. J., Auman, H., Newcomb, L. F., Simko, J., Hurtado-Coll, A., Troyer, D. A., Carroll, P. R., Gleave, M. E., Lin, D. W., Nelson, P. S., Thompson, et al  
2016; 11 (11)
- **Analysis of topographical distribution of prostate cancer and related pathological findings in prostatectomy specimens using cMDX document architecture.** *JOURNAL OF BIOMEDICAL INFORMATICS*  
Eminaga, O., et al  
2016
- **Does postoperative radiation therapy impact survival in non-metastatic sarcomatoid renal cell carcinoma? A SEER-based study.** *International Urology and Nephrology*  
Eminaga, O., Akbarov, I., Wille, S., Engelmann, U.  
2015
- **Clinical map document based on XML (cMDX): document architecture with mapping feature for reporting and analysing prostate cancer in radical prostatectomy specimens.** *BMC Med Inform Decis Mak.*  
Eminaga, O., et al  
2010
- **A prognostic score for overall survival in patients treated with abiraterone in the pre- and post-chemotherapy setting.** *Oncotarget*  
Boegemann, M., Schlack, K., Fruchtenicht, L., Steinestel, J., Schrader, A. J., Wennmann, Y., Krabbe, L., Eminaga, O.  
2019; 10 (49): 5082–91
- **Combination possibility and deep learning model as clinical decision-aided approach for prostate cancer.** *Health informatics journal*  
Eminaga, O., Al-Hamad, O., Boegemann, M., Breil, B., Semjonow, A.  
2019: 1460458219855884
- **Genomic analysis of benign prostatic hyperplasia implicates cellular re-landscaping in disease pathogenesis.** *JCI insight*  
Middleton, L. W., Shen, Z., Varma, S., Pollack, A. S., Gong, X., Zhu, S., Zhu, C., Foley, J. W., Vennam, S., Sweeney, R. T., Tu, K., Biscocho, J., Eminaga, et al  
2019; 5
- **871 - Diagnostic classification of cystoscopic images using deep convolutional neural networks** *EAU Meeting*  
Eminaga, O., Semjonow, A., Breil, B.  
2018
- **Diagnostic Classification of Cystoscopic Images Using Deep Convolutional Neural Networks** *Diagnostic Classification of Cystoscopic Images Using Deep Convolutional Neural Networks*  
Eminaga, O., et al  
2018
- **Preoperative Serum Prostate-Specific Antigen Levels Vary According to the Topographical Distribution of Prostate Cancer in Prostatectomy Specimens** *UROLOGY*  
Eminaga, O., Hinkelammert, R., Abbas, M., Woetzel, F., Eltze, E., Bettendorf, O., Boegemann, M., Semjonow, A.  
2015; 86 (4): 798-804
- **Prostate cancers detected on repeat prostate biopsies show spatial distributions that differ from those detected on the initial biopsies** *BJU INTERNATIONAL*  
Eminaga, O., Hinkelammert, R., Abbas, M., Titze, U., Eltze, E., Bettendorf, O., Woetzel, F., Boegemann, M., Semjonow, A.  
2015; 116 (1): 57-64
- **An electronic specimen collection protocol schema (eSCPS). Document architecture for specimen management and the exchange of specimen collection protocols between biobanking information systems.** *Methods of information in medicine*  
Eminaga, O., Semjonow, A., Oezguer, E., Herden, J., Akbarov, I., Tok, A., Engelmann, U., Wille, S.  
2014; 53 (1): 29-38
- **The presence of positive surgical margins in patients with organ-confined prostate cancer results in biochemical recurrence at a similar rate to that in patients with extracapsular extension and PSA <= 10 ng/ml** *UROLOGIC ONCOLOGY-SEMINARS AND ORIGINAL INVESTIGATIONS*  
Eminaga, O., Hinkelammert, R., Titze, U., Abbas, M., Eltze, E., Bettendorf, O., Semjonow, A.

2014; 32 (1)

- **Linkage of Data from Diverse Data Sources (LDS): A Data Combination Model Provides Clinical Data of Corresponding Specimens in Biobanking Information System** *JOURNAL OF MEDICAL SYSTEMS*  
Eminaga, O., Oezguer, E., Semjonow, A., Herden, J., Akbarov, I., Tok, A., Engelmann, U., Wille, S.  
2013; 37 (5)
- **High-Grade Prostatic Intraepithelial Neoplasia (HGPIN) and topographical distribution in 1,374 prostatectomy specimens: Existence of HGPIN near prostate cancer** *PROSTATE*  
Eminaga, O., Hinkelammert, R., Abbas, M., Titze, U., Eltze, E., Bettendorf, O., Semjonow, A.  
2013; 73 (10): 1115-1122
- **CMDX©-based single source information system for simplified quality management and clinical research in prostate cancer.** *BMC medical informatics and decision making*  
Eminaga, O., Abbas, M., Hinkelammert, R., Titze, U., Bettendorf, O., Eltze, E., Ozgür, E., Semjonow, A.  
2012; 12: 141-?