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CURRICULUM VITAE

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EDUCATION:

11/1990 - 03/1998 M.D. with Distinction in Biochemistry, College of Medicine, University of Ibadan, Ibadan, Nigeria
09/2001 - 11/2007 Ph.D. (Biological Sciences in Public Health), Harvard University, Cambridge, MA

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

03/1998 - 02/1999 House Officer, Clinical Rotations in Surgery, Internal Medicine, Pediatrics and Obstetrics/Gynecology, University College Hospital, Ibadan, Nigeria
03/2001 UICC ICRETT Fellow, University of Chicago, Chicago, IL
08/2001 - 12/2007 APIN and Fogarty Fellow in Immunology and Infectious Diseases, Harvard School of Public Health (HSPH), Boston, MA
01/2008 - 02/2015 Research Fellow in Medical Oncology, Dana-Farber Cancer Institute, Harvard Medical School, Boston, MA
01/2008 - 02/2015 Postdoctoral Scholar, Cancer Program, Broad Institute of MIT and Harvard, Cambridge, MA

FACULTY APPOINTMENTS:

03/2000 - 01/2008 Research Fellow, Medical Genetics Research Unit, Institute for Advanced Medical Research and Training, College of Medicine, University of Ibadan, Ibadan, Nigeria
11/2014 - 07/2022 Adjunct Faculty Investigator, HudsonAlpha Institute for Biotechnology, Huntsville, AL
03/2015 - 07/2022 Research Scientist, UAB Center for AIDS Research (CFAR), Birmingham, AL
03/2015 - 07/2022 Associate Scientist, O'Neal Comprehensive Cancer Center at UAB, Birmingham, AL
03/2015 - 07/2022 Assistant Professor, Department of Epidemiology, University of Alabama at Birmingham (UAB), Birmingham, AL
03/2015 - 07/2022 Associate Scientist, UAB Comprehensive Arthritis, Musculoskeletal, Bone and Autoimmunity Center (CAMBAC), Birmingham, AL
03/2015 - 07/2022 Member, Microbiome Center, UAB Heersink School of Medicine, Birmingham, MA
08/2022 - 06/2026 Assistant Professor, Microbiology and Immunology, Medical College of Wisconsin, Milwaukee, WI 53226
08/2022 - 06/2026 Assistant Professor, Obstetrics and Gynecology, Medical College of Wisconsin, Milwaukee, WI 53226
10/2022 - Present Member, Cancer Control Program, MCW Michels Center for Cancer Discovery, Milwaukee, WI 53226
07/2026 - Present Asssociate Professor, Microbiology and Immunology, Medical College of Wisconsin, Milwaukee, WI 53226
07/2026 - Present Associate Professor, Obstetrics and Gynecology, Medical College of Wisconsin, Milwaukee, WI 53226

AWARDS AND HONORS:

1984 - 1989 Merit Scholarship, Federal Ministry of Education, Nigeria
1988 - 1989 Kwara State Champion, National Junior Engineers, Technicians and Scientists (JETS) Competition, Nigeria
1993 Distinction in Biochemistry, University of Ibadan
2000 Molecular Immunology Training Scholarship, International Centre for Genetic Engineering and Biotechnology (ICGEB)
2001 International Cancer Technology Transfer (ICRETT) Fellowship, Union for International Cancer Control (UICC)
2001 - 2006 APIN Doctoral Fellowship, AIDS Prevention Initiative in Nigeria (funded by the Bill and Melinda Gates Foundation)
2003 - 2004 James Souverine Gallo '27 Scholarship, Harvard University Graduate School of Arts and Sciences
2006 - 2007 Fogarty Fellowship, NIH Fogarty AIDS International Research Program
2008 - 2011 Rebecca Ridley Kry Fellowship, Damon Runyon Cancer Research Foundation
2010 Winning Submission (Team Member), Harvard Catalyst InnoCentive Ideation Challenge
2011 AACR-GlaxoSmithKline Outstanding Clinical Scholar Award
2013 AACR-GlaxoSmithKline Outstanding Clinical Scholar Award
2014 AACR-GlaxoSmithKline Outstanding Clinical Scholar Award
2015 - 2016 Career Development Award, NCI JHU/UAB Cervical Cancer SPORE
2015 - 2017 Stuart Scott Memorial V Scholar Award, V Foundation for Cancer Research
2015 - 2016 Angus Cooper Award in Transplant Investigation, UAB Transplant Center
2018 - 2019 V Scholar Plus Award, V Foundation for Cancer Research
2020 1000 Inspiring Black Scientists in America

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Editorship
12/1996 - 12/1997 Editor-in-Chief, DOKITA (equivalent to Student JAMA)

Editorial Board
04/2019 - Present Cancer
08/2020 - Present Journal of Global Medicine

Journal Review
01/2004 - Present African Journal for Medicine and Medical Sciences
01/2006 - Present Archives of Ibadan Medicine
02/2014 - Present Acta Obstetricia et Gynecologica Scandinavica
07/2014 - Present International Journal of Cancer
12/2014 - Present British Journal of Cancer
06/2015 - Present Molecular Carcinogenesis
07/2015 - Present Gynecologic Oncology
09/2015 - Present Oncogene
09/2015 - Present npj Genomic Medicine
05/2016 - Present Modern Pathology
06/2016 - Present PLoS Pathogens
09/2016 - Present Genome Research
02/2017 - Present Bioinformatics
09/2017 - Present Oncotarget
04/2019 - Present Cancer
05/2020 - Present Journal of Clinical Sciences
08/2020 - Present Journal of Global Medicine

Ad-Hoc Reviewer
01/2003 - 12/2007 AIDS
01/2003 - 12/2007 AIDS Research and Retroviruses

COMMUNITY SERVICE ACTIVITIES:

2019 - Present Member, Board of Directors, TamBo Foundation

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. **Ojesina AI**, Akang EE, Ojemakinde KO. Decline in the frequency of Burkitt's lymphoma relative to other childhood malignancies in Ibadan, Nigeria. Ann Trop Paediatr. 2002 Jun;22(2):159-63.
2. **Ojesina AI**. The role of beta-catenin in regulating angiogenesis in Wilms tumor. J Pediatr Surg. 2004 Sep;39(9):1446-7; author reply 1447.
3. **Ojesina AI**. Launching into the Deep: The Musings of a Budding Physician-Scientist. Archives of Ibadan Medicine 2005 Apr/Oct; 6(1): 31-33.
4. **Ojesina AI**, Sankalé JL, Odaibo G, Langevin S, Meloni ST, Sarr AD, Olaleye D, Kanki PJ. Subtype-specific patterns in HIV Type 1 reverse transcriptase and protease in Oyo State, Nigeria: implications for drug resistance and host response. AIDS Res Hum Retroviruses. 2006 Aug;22(8):770-9.
5. **Ojesina AI**, Kanki PJ. HIV-1 subtype and reverse transcriptase genotype: role for geographical location and founder effects. PLoS Med. 2006 Dec;3(12):e540. PMCID: PMC1762043
6. Sankalé JL, Langevin S, Odaibo G, Meloni ST, **Ojesina AI**, Olaleye D, Kanki P. The complexity of circulating HIV type 1 strains in Oyo state, Nigeria. AIDS Res Hum Retroviruses. 2007 Aug;23(8):1020-5.
7. **Ojesina AI**, Mullins C, Imade G, Samuels J, Sankalé JL, Pam S, Sagay S, Idoko J, Kanki PJ. Characterization of HIV type 1 reverse transcriptase mutations in infants infected by mothers who received peripartum nevirapine prophylaxis in Jos, Nigeria. AIDS Res Hum Retroviruses. 2007 Dec;23(12):1587-92.
8. **Ojesina AI**, Chaplin B, Sankalé JL, Murphy R, Idigbe E, Adewole I, Ekong E, Idoko J, Kanki PJ. Interplay of reverse transcriptase inhibitor therapy and gag p6 diversity in HIV type 1 subtype G and CRF02_AG. AIDS Res Hum Retroviruses. 2008 Sep;24(9):1167-74. PMCID: PMC2928033
9. Kostic AD, **Ojesina AI**, Pedamallu CS, Jung J, Verhaak RG, Getz G, Meyerson M. PathSeq: software to identify or discover microbes by deep sequencing of human tissue. Nat Biotechnol. 2011 May;29(5):393-6. PMCID: PMC3523678
10. Kostic AD, Gevers D, Pedamallu CS, Michaud M, Duke F, Earl AM, **Ojesina AI**, Jung J, Bass AJ, Tabernero J, Baselga J, Liu C, Shivdasani RA, Ogino S, Birren BW, Huttenhower C, Garrett WS, Meyerson M. Genomic analysis identifies association of Fusobacterium with colorectal carcinoma. Genome Res. 2012 Feb;22(2):292-8. PMCID: PMC3266036
11. Lohr JG, Stojanov P, Lawrence MS, Auclair D, Chapuy B, Sougnez C, Cruz-Gordillo P, Knoechel B, Asmann YW, Slager SL, Novak AJ, Dogan A, Ansell SM, Link BK, Zou L, Gould J, Saksena G, Stransky N, Rangel-Escareño C, Fernandez-Lopez JC, Hidalgo-Miranda A, Melendez-Zajgla J, Hernández-Lemus E, Schwarz-Cruz y Celis A, Imaz-Rosshandler I, **Ojesina AI**, Jung J, Pedamallu CS, Lander ES, Habermann TM, Cerhan JR, Shipp MA, Getz G, Golub TR. Discovery and prioritization of somatic mutations in diffuse large B-cell lymphoma (DLBCL) by whole-exome sequencing. Proc Natl Acad Sci U S A. 2012 Mar 06;109(10):3879-84. PMCID: PMC3309757
12. Bhatt AS, Freeman SS, Herrera AF, Pedamallu CS, Gevers D, Duke F, Jung J, Michaud M, Walker BJ, Young S, Earl AM, Kostic AD, **Ojesina AI**, Hasserjian R, Ballen KK, Chen YB, Hobbs G, Antin JH, Soiffer RJ, Baden LR, Garrett WS, Hornick JL, Marty FM, Meyerson M. Sequence-based discovery of Bradyrhizobium enterica in cord colitis syndrome. N Engl J Med. 2013 Aug 08;369(6):517-28. PMCID: PMC3889161
13. Cancer Genome Atlas Research Network, Weinstein JN, Collisson EA, Mills GB, Shaw KR, Ozenberger BA, Ellrott K, Shmulevich I, Sander C, Stuart JM. The Cancer Genome Atlas Pan-Cancer analysis project. Nat Genet. 2013 Oct;45(10):1113-20. PMCID: PMC3919969
14. Francis JM, Kiezun A, Ramos AH, Serra S, Pedamallu CS, Qian ZR, Banck MS, Kanwar R, Kulkarni AA, Karpathakis A, Manzo V, Contractor T, Philips J, Nickerson E, Pho N, Hooshmand SM, Brais LK, Lawrence MS, Pugh T, McKenna A, Sivachenko A, Cibulskis K, Carter SL, **Ojesina AI**, Freeman S, Jones RT, Voet D, Saksena G, Auclair D, Onofrio R, Shefler E, Sougnez C, Grimsby J, Green L, Lennon N, Meyer T, Caplin M, Chung DC, Beutler AS, Ogino S, Thirlwell C, Shivdasani R, Asa SL, Harris CR, Getz G, Kulke M, Meyerson M. Somatic mutation of CDKN1B in small intestine neuroendocrine tumors. Nat Genet. 2013 Dec;45(12):1483-6. PMCID: PMC4239432
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Chapa LD, Garza-Rodríguez ML, Maytorena G, Vazquez J, Rodea C, Cravioto A, Cortes ML, Greulich H, Crum CP, Neuberg DS, Hidalgo-Miranda A, Escareno CR, Akslen LA, Carey TE, Vintermyr OK, Gabriel SB, Barrera-Saldaña HA, Melendez-Zajgla J, Getz G, Salvesen HB, Meyerson M. Landscape of genomic alterations in cervical carcinomas. Nature. 2014 Feb 20;506(7488):371-5. PMCID: PMC4161954

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17. Cancer Genome Atlas Research Network. Integrated genomic characterization of papillary thyroid carcinoma. Cell. 2014 Oct 23;159(3):676-90. PMCID: PMC4243044
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19. Cancer Genome Atlas Network. Comprehensive genomic characterization of head and neck squamous cell carcinomas. Nature. 2015 Jan 29;517(7536):576-82. PMCID: PMC4311405
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21. Chung TK, Van Hummelen P, Chan PK, Cheung TH, Yim SF, Yu MY, Ducar MD, Thorner AR, MacConaill LE, Doran G, Pedamallu CS, **Ojesina AI**, Wong RR, Wang VW, Freeman SS, Lau TS, Kwong J, Chan LK, Fromer M, May T, Worley MJ Jr, Esselen KM, Elias KM, Lawrence M, Getz G, Smith DI, Crum CP, Meyerson M, Berkowitz RS, Wong YF. Genomic aberrations in cervical adenocarcinomas in Hong Kong Chinese women. Int J Cancer. 2015 Aug 15;137(4):776-83.
22. Akinyemiju T, Moore JX, **Ojesina AI**, Waterbor JW, Altekruse SF. Racial disparities in individual breast cancer outcomes by hormone-receptor subtype, area-level socio-economic status and healthcare resources. Breast Cancer Res Treat. 2016 Jun;157(3):575-86. PMCID: PMC4912843
23. Weaver AN, Burch MB, Cooper TS, Della Manna DL, Wei S, **Ojesina AI**, Rosenthal EL, Yang ES. Notch Signaling Activation Is Associated with Patient Mortality and Increased FGF1-Mediated Invasion in Squamous Cell Carcinoma of the Oral Cavity. Mol Cancer Res. 2016 Sep;14(9):883-91.
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Broad Institute, Brown University:, Harvard Medical School, Institute for Systems Biology, Memorial Sloan Kettering Cancer Center, University of California Santa Cruz, University of Texas MD Anderson Cancer Center, Biospecimen Core Resource: International Genomics Consortium, Research Institute at Nationwide Children's Hospital, Tissue Source Sites: Analytic Biologic Services, Asan Medical Center, Asterand Bioscience, Barretos Cancer Hospital, BioreclamationIVT, Botkin Municipal Clinic, Chonnam National University Medical School, Christiana Care Health System, Cureline, Duke University, Emory University, Erasmus University, Indiana University School of Medicine, Institute of Oncology of Moldova, International Genomics Consortium, Invidumed, Israelitisches Krankenhaus Hamburg, Keimyung University School of Medicine, Memorial Sloan Kettering Cancer Center, National Cancer Center Goyang, Ontario Tumour Bank, Peter MacCallum Cancer Centre, Pusan National University Medical School, Ribeirão Preto Medical School, St. Joseph's Hospital &Medical Center, St. Petersburg Academic University, Tayside Tissue Bank, University of Dundee, University of Kansas Medical Center, University of Michigan, University of North Carolina at Chapel Hill, University of Pittsburgh School of Medicine, University of Texas MD Anderson Cancer Center, Disease Working Group: Duke University, Memorial Sloan Kettering Cancer Center, National Cancer Institute, University of Texas MD Anderson Cancer Center, Yonsei University College of Medicine, Data Coordination Center: CSRA Inc., Project Team: National Institutes of Health. Integrated genomic characterization of oesophageal carcinoma. Nature. 2017 Jan 12;541(7636):169-175. PMCID: PMC5651175

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29. Cancer Genome Atlas Research Network, Albert Einstein College of Medicine, Analytical Biological Services, Barretos Cancer Hospital, Baylor College of Medicine, Beckman Research Institute of City of Hope, Buck Institute for Research on Aging, Canada's Michael Smith Genome Sciences Centre, Harvard Medical School, Helen F. Graham Cancer Center &Research Institute at Christiana Care Health Services, HudsonAlpha Institute for Biotechnology, ILSbio, LLC, Indiana University School of Medicine, Institute of Human Virology, Institute for Systems Biology, International Genomics Consortium, Leidos Biomedical, Massachusetts General Hospital, McDonnell Genome Institute at Washington University, Medical College of Wisconsin, Medical University of South Carolina, Memorial Sloan Kettering Cancer Center, Montefiore Medical Center, NantOmics, National Cancer Institute, National Hospital, Abuja, Nigeria, National Human Genome Research Institute, National Institute of Environmental Health Sciences, National Institute on Deafness &Other Communication Disorders, Ontario Tumour Bank, London Health Sciences Centre, Ontario Tumour Bank, Ontario Institute for Cancer Research, Ontario Tumour Bank, The Ottawa Hospital, Oregon Health &Science University, Samuel Oschin Comprehensive Cancer Institute, Cedars-Sinai Medical Center, SRA International, St Joseph's Candler Health System, Eli &Edythe L. Broad Institute of Massachusetts Institute of Technology &Harvard University, Research Institute at Nationwide Children's Hospital, Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins University, University of Bergen, University of Texas MD Anderson Cancer Center, University of Abuja Teaching Hospital, University of Alabama at Birmingham, University of California, Irvine, University of California Santa Cruz, University of Kansas Medical Center, University of Lausanne, University of New Mexico Health Sciences Center, University of North Carolina at Chapel Hill, University of Oklahoma Health Sciences Center, University of Pittsburgh, University of São Paulo, Ribeir ão Preto Medical School, University of Southern California, University of Washington, University of Wisconsin School of Medicine &Public Health, Van Andel Research Institute, Washington University in St Louis. Integrated genomic and molecular characterization of cervical cancer. Nature. 2017 Mar 16;543(7645):378-384. PMCID: PMC5354998
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31. Farshidfar F, Zheng S, Gingras MC, Newton Y, Shih J, Robertson AG, Hinoue T, Hoadley KA, Gibb EA,

Roszik J, Covington KR, Wu CC, Shinbrot E, Stransky N, Hegde A, Yang JD, Reznik E, Sadeghi S, Pedamallu CS, **Ojesina AI**, Hess JM, Auman JT, Rhie SK, Bowlby R, Borad MJ, Cancer Genome Atlas Network, Zhu AX, Stuart JM, Sander C, Akbani R, Cherniack AD, Deshpande V, Mounajjed T, Foo WC, Torbenson MS, Kleiner DE, Laird PW, Wheeler DA, McRee AJ, Bathe OF, Andersen JB, Bardeesy N, Roberts LR, Kwong LN. Integrative Genomic Analysis of Cholangiocarcinoma Identifies Distinct IDH-Mutant Molecular Profiles. Cell Rep. 2017 Jun 27;19(13):2878-2880. PMCID: PMC6141445

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33. Robertson AG, Kim J, Al-Ahmadie H, Bellmunt J, Guo G, Cherniack AD, Hinoue T, Laird PW, Hoadley KA, Akbani R, Castro MAA, Gibb EA, Kanchi RS, Gordenin DA, Shukla SA, Sanchez-Vega F, Hansel DE, Czerniak BA, Reuter VE, Su X, de Sa Carvalho B, Chagas VS, Mungall KL, Sadeghi S, Pedamallu CS, Lu Y, Klimczak LJ, Zhang J, Choo C, **Ojesina AI**, Bullman S, Leraas KM, Lichtenberg TM, Wu CJ, Schultz N, Getz G, Meyerson M, Mills GB, McConkey DJ, TCGA Research Network, Weinstein JN, Kwiatkowski DJ, Lerner SP. Comprehensive Molecular Characterization of Muscle-Invasive Bladder Cancer. Cell. 2017 Oct 19;171(3):540-556.e25. PMCID: PMC5687509
34. Campbell JD, Yau C, Bowlby R, Liu Y, Brennan K, Fan H, Taylor AM, Wang C, Walter V, Akbani R, Byers LA, Creighton CJ, Coarfa C, Shih J, Cherniack AD, Gevaert O, Prunello M, Shen H, Anur P, Chen J, Cheng H, Hayes DN, Bullman S, Pedamallu CS, **Ojesina AI**, Sadeghi S, Mungall KL, Robertson AG, Benz C, Schultz A, Kanchi RS, Gay CM, Hegde A, Diao L, Wang J, Ma W, Sumazin P, Chiu HS, Chen TW, Gunaratne P, Donehower L, Rader JS, Zuna R, Al-Ahmadie H, Lazar AJ, Flores ER, Tsai KY, Zhou JH, Rustgi AK, Drill E, Shen R, Wong CK, Cancer Genome Atlas Research Network, Stuart JM, Laird PW, Hoadley KA, Weinstein JN, Peto M, Pickering CR, Chen Z, Van Waes C. Genomic, Pathway Network, and Immunologic Features Distinguishing Squamous Carcinomas. Cell Rep. 2018 Apr 03;23(1):194-212.e6. PMCID: PMC6002769
35. Berger AC, Korkut A, Kanchi RS, Hegde AM, Lenoir W, Liu W, Liu Y, Fan H, Shen H, Ravikumar V, Rao A, Schultz A, Li X, Sumazin P, Williams C, Mestdagh P, Gunaratne PH, Yau C, Bowlby R, Robertson AG, Tiezzi DG, Wang C, Cherniack AD, Godwin AK, Kuderer NM, Rader JS, Zuna RE, Sood AK, Lazar AJ, **Ojesina AI**, Adebamowo C, Adebamowo SN, Baggerly KA, Chen TW, Chiu HS, Lefever S, Liu L, MacKenzie K, Orsulic S, Roszik J, Shelley CS, Song Q, Vellano CP, Wentzensen N, Cancer Genome Atlas Research Network, Weinstein JN, Mills GB, Levine DA, Akbani R. A Comprehensive Pan-Cancer Molecular Study of Gynecologic and Breast Cancers. Cancer Cell. 2018 Apr 09;33(4):690-705.e9. PMCID: PMC5959730
36. Liu Y, Sethi NS, Hinoue T, Schneider BG, Cherniack AD, Sanchez-Vega F, Seoane JA, Farshidfar F, Bowlby R, Islam M, Kim J, Chatila W, Akbani R, Kanchi RS, Rabkin CS, Willis JE, Wang KK, McCall SJ, Mishra L, **Ojesina AI**, Bullman S, Pedamallu CS, Lazar AJ, Sakai R, Cancer Genome Atlas Research Network, Thorsson V, Bass AJ, Laird PW. Comparative Molecular Analysis of Gastrointestinal Adenocarcinomas. Cancer Cell. 2018 Apr 09;33(4):721-735.e8. PMCID: PMC5966039
37. Thorsson V, Gibbs DL, Brown SD, Wolf D, Bortone DS, Ou Yang TH, Porta-Pardo E, Gao GF, Plaisier CL, Eddy JA, Ziv E, Culhane AC, Paull EO, Sivakumar IKA, Gentles AJ, Malhotra R, Farshidfar F, Colaprico A, Parker JS, Mose LE, Vo NS, Liu J, Liu Y, Rader J, Dhankani V, Reynolds SM, Bowlby R, Califano A, Cherniack AD, Anastassiou D, Bedognetti D, Mokrab Y, Newman AM, Rao A, Chen K, Krasnitz A, Hu H, Malta TM, Noushmehr H, Pedamallu CS, Bullman S, **Ojesina AI**, Lamb A, Zhou W, Shen H, Choueiri TK, Weinstein JN, Guinney J, Saltz J, Holt RA, Rabkin CS, Cancer Genome Atlas Research Network, Lazar AJ, Serody JS, Demicco EG, Disis ML, Vincent BG, Shmulevich I. The Immune Landscape of Cancer. Immunity. 2018 Apr 17;48(4):812-830.e14. PMCID: PMC5982584
38. Robertson AG, Kim J, Al-Ahmadie H, Bellmunt J, Guo G, Cherniack AD, Hinoue T, Laird PW, Hoadley KA, Akbani R, Castro MAA, Gibb EA, Kanchi RS, Gordenin DA, Shukla SA, Sanchez-Vega F, Hansel DE, Czerniak BA, Reuter VE, Su X, de Sa Carvalho B, Chagas VS, Mungall KL, Sadeghi S, Pedamallu CS, Lu Y, Klimczak LJ, Zhang J, Choo C, **Ojesina AI**, Bullman S, Leraas KM, Lichtenberg TM, Wu CJ, Schultz N, Getz G, Meyerson M, Mills GB, McConkey DJ, TCGA Research Network, Weinstein JN, Kwiatkowski DJ, Lerner SP. Comprehensive Molecular Characterization of Muscle-Invasive Bladder Cancer. Cell. 2018 Aug 09;174(4):1033. PMCID: PMC6297116

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