Yates, Clayton

Yates, Clayton
Ad Hoc - Cancer Research
Ad Hoc - Oncogene
Ad Hoc - RNA Biology
Ad Hoc - Clinical Cancer Research
Ad Hoc – Prostate
Ad Hoc – American Journal of Pathology
Ad Hoc – Pathology
Ad Hoc- Plos one

B. Publications

1. A Wells, S Kharait, **C Yates**, L Satish (2004). Calpain proteases in prostate carcinomas. In Immunohistochemistry and In Situ Hybridization of Human Carcinomas, volume 1 (Ed: MA Hayat, Elsevier Science/Academic Press).
2. **C Yates**, DB Stolz, LG Griffith (2005). Imaging Invasion and Metastasis ex vivo. In Cell Motility in Cancer Invasion and Metastasis (Ed: A Wells, Kluwer Academic Press, Amsterdam).
3. Sourabh Kharait, Kien Tran, **Clayton Yates** and Alan Wells (2005) Cell Motility in Prostate Tumor invasion and metastasis. In Cell Motility in Tumor Progression (ed: A Wells). Kluwer Academic Publishers (Amsterdam).
4. **Yates C**, Wells A, Turner T. Luteinising hormone-releasing hormone analogue reverses the cell adhesion profile of EGFR overexpressing DU-145 human prostate carcinoma subline. British journal of cancer 2005;92:366-75. PMID: 15655536
5. **Yates C**, Shepard CR, Papworth G, Dash A, Beer Stolz, Tannenbaum S, Griffith L, Wells A. (2007) "Direct Visualization of Prostate Cancer Progression utilizing a Novel Organotypic Liver Bioreactor as Metastatic Target Organ". Advances in Cancer Research .2007;97:225-466*.* PMID: 17419948

6*.* **Yates C**, Shepard CR, Stolz DB, Wells, A (2007) "Co-culturing human prostate carcinoma cells with hepatocytes lead to increased expression of E-cadherin". Br J Cancer. Apr 23;96 (8):1246-52. PMID: 17406365

7. Ritu Aneja, Jun Zhou, **Clayton Yates,** Binfei Zhou, Surya N. Vangapandu Harish C. Joshi "Multidrug Resistance-Associated Protein – OverexpressingTeniposide-Resistant Human Lymphomas Undergo Apoptosis by a Tubulin-Binding Agent.**"** Cancer Res. 2008 Mar 1;68(5):1495-503. PMID: 18316614

8. Alan Wells, **Clayton Yates**, Christopher Shepard. (2008) "E-cadherin as an indicator of mesenchymal to epithelial reverting transitions during the metastatic seeding of disseminated carcinomas". Clinical Experimental Metastasis July 4: 25(6): 621-628 PMID: 18600305 **[Highly Accessed]**
9. Karna, P., S. M. Sharp, **Yates, C**, Aneja R. (2009). "EM011 activates a survivin-dependent apoptotic program in human non-small cell lung cancer cells." Mol Cancer **8**: 93. PMID: 19878573
10. Mohamed O. Abdalla, Ritu Aneja, Derrick Dean, Vijay Rangari, Albert Russell Jessie Jaynes, **Clayton Yates** and Timothy Turner (2010) **"**Synthesis and characterization of noscapine loaded magnetic polymeric nanoparticles" Journal of Magnetism and Magnetic Materials Volume 322, Issue 2, p 190-196 PMID: 20161408
11. Sajni Josson, Starlette Sharp, Ritu Aneja, Ruoxiang Wang, Timothy Turner, Leland W.K Chung, **Clayton Yates** "Tumor-Stromal Interactions Influence Radiation Sensitivity in Epithelial- versus Mesenchymal-Like Prostate Cancer Cells," Journal of Oncology, vol. 2010, Article ID 232831, 10 pages, 2010. PMID: 20798867

12. Shaniece Theodore, Timothy Turner, Johng Rhim, **Clayton Yates** (2010) "miRNA 26a Expression in a Novel Panel of African American Prostate Cancer Cell Lines". Ethnicity and Disease Volume 20, Supp 1, Pages S1-96-100 PMID: 20521394

13. Ritu Aneja, Tohru Miyagi, **Clayton Yates**, Leland W. K. Chung, and Harish C. Joshi "Non-toxic treatment of hormone-refractory prostate cancer in mice" European Journal of Cancer Volume 46, Issue 9, Pages 1668-1678 (June 2010) PMID: 20303260
14. Sajni Josson, Cynthia S. Anderson, Shian-Ying Sung, Peter

Yates, Clayton
ADAM9 expression induces epithelial phenotypic alterations and sensitizes human prostate cancer cells to radiation and chemotherapy" Prostate. 2011 Feb 15;71(3):232-40
15. **C. Yates***

49. Sanchez TW, Zhang G, Li J, Dai L, Mirshahidi S, Wall NR, **Yates C**, Wilson C, Montgomery S, Zhang JY, Casiano CA. Immunoseroproteomic Profiling in African American Men with Prostate **Cancer**: Evidence for an Autoantibody Response to Glycolysis and Plasminogen-Associated Proteins. Mol Cell Proteomics. 2016 Dec;15(12):3564-3580. Epub 2016 Oct 14. PMID: 27742740

50. Jones J, Mukherjee A, Karanam B, Davis M, Jaynes J, Reams RR, Dean-Colomb W, **Yates C**.<u>African Americans with pancreatic ductal adenocarcinoma exhibit gender differences in Kaiso expression.</u> **Cancer** Lett. 2016 Oct 1;380:513-22. doi: 10.1016/j.canlet.2016.06.025. Epub 2016 Jul 15. PMID: 27424525

51. Myers JS, Vallega KA, White J, Yu K, **Yates CC**, Sang QA. Proteomic characterization of paired non-malignant and malignant African-American prostate epithelial cell lines distinguishes them by
55.16S lemond2 reW* -4(he /MCQqa( )-1 0 0 1 3eW*s06 Tdrug g0d12 0 612 792very/F4 11.0sysQq0em/F4 11.0 0 6/F4 1t)-4(ura

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Yates, Clayton
Kanniah Rajasekaranf, Clayton Ya
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preclinical pharmacokinetic studie
Analysis 181:113093

63. A Qualitative Assessment of th
Competencies and Promising Pra
transplantation (Aliso Viejo, Calif.)

64. Peter Ntiamoah, Ngozi R. Mor
Obafunwa, Akinwumi O. Komolafe
Bodour Salhia, Folake T. Odedina
Alatise, Pathology Services in Nig
Consortia August 2019 Journal of

65. *Anusha Angajala, Sangbin Lim
Zongbing You and Ming Tan** Dive
Insights Into Immuno-Metabolism

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Yates, Clayton
Brief Description of Project Goals:
The major goal of this project is to validate Kaiso expression as marker for human aggressive vs non-aggressive tumors. And determine how Kaiso promotes castrations resistant metastasis during androgen deprivation therapy.

Overlap: None

AWARD # 1 R21 CA188799-01
Dates of Award: 9/1/14 - 8/30/16
Role: PI Yates 25% Sub A. Wells (Univ. Pittsburgh) **Amount** $275,000.00

Title: Role of Transcriptional Repressor Kaiso in the Breast Cancer Tumor Microenvironment.
Goal: In this proposal we are focusing on a novel transcriptional repressor Kaiso, as the regulator of DNA molecular machinery that enables successful metastasis through epigenetic regulation of gene expression . This proposal will determine Kaiso's role and whether this can be targeted to limit tumor metastasis.

AWARD # **1 U54 CA118623-01**
Dates of Award: 9/1/14-8/31/16
Role: **Project PI: Yates Sub W. Grizzle** (UAB) **Amount:** $240,000.00
Title: Exosome profiling of in aggressive in breast cancer patients
Brief Description of Project Goals:
Specific

Yates, Clayton
7/1/16 ï 6/30/17
AWARD # 3 G12MD007585-25S1 (Yates) Amount $1, 138,990
NIH/NIMHD RCMI
The specific goal of research centers in minority institutions (RCMI) is to provide research support for infrastructure and pilot research funds to under-represented minority intuitions.
Role: PI/PD

Current Support

9/1/16- 8/31/21
AWARD # 1 U54 CA118623-01 MPI Yates/Troy Amount 5,300,000.00
NIH/NCI
Morehouse School of Medicine/Tuskegee University/UAB Comp Cancer Center Partnership
The major objectives of this tripartite Partnership funding are to establish an effective cancer research program at MSM and TU and increase and enhance the capability of the UABCCC to conduct cancer health disparity research. This will be accomplished by strategic enhancement of three existing programs, Developmental Research, Research Training and Career Development, and Community Outreach. Three (3) Shared Resources support these Programs: B

Yates, Clayton
Dominque Gales PhD Completed 2017

Current Doctoral Students

Jason White
Md Ahmed Shakir
Anusha Angajala
Ahmad Salam
Ruskana Amin
Raymond Hughley

Mentored Pre-Doctoral Trainee Grant Funded

Jackie Jones (Kaiso expression and localization in EMT/Metastasis)
UNCF/MERK Graduate Initiative 2010-2011 $52,000 5/2010 12/2012
Mentor: Clayton Yates