

# Stanford

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## Carlos Jose Suarez

Clinical Associate Professor, Pathology

### CLINICAL OFFICE (PRIMARY)

- **Department of Pathology**

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### Bio

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#### BIO

Dr. Suarez is a board-certified pathologist specializing in anatomic, clinical and molecular genetic pathology. He received his M.D. degree with the highest honors (summa cum laude) from the University of the Valley (Universidad del Valle), Cali, Colombia. After medical school, he was a research fellow at a WHO-collaborating center investigating pattern of nosocomial antibiotic resistance, and later joined the University of California at San Diego (UCSD) as postdoctoral research fellow in cancer and lung immunology laboratories. He completed an anatomic and clinical pathology residency at the University of Washington, Seattle, and a Molecular Genetic Pathology fellowship at Stanford University. Dr. Suarez is currently co-Director of the Genetic and Genomic Testing Optimization Service and Associate Director of the Molecular Pathology Laboratory at the Stanford University Medical Center.

#### CLINICAL FOCUS

- Molecular Pathology
- Anatomic and Clinical Pathology

#### ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Pathology

#### PROFESSIONAL EDUCATION

- Board Certification: Clinical Informatics, American Board of Preventive Medicine (2014)
- Residency: University of Washington Pathology Residency (2013) WA
- Medical Education: Universidad del Valle (2004) Colombia
- Board Certification: Molecular Genetic Pathology, American Board of Pathology (2014)
- Board Certification, American Board of Pathology , Molecular Genetic Pathology (2014)
- Board Certification: Anatomic and Clinical Pathology, American Board of Pathology (2013)
- Fellowship: Stanford University Medical Center (2014) CA

## Publications

### PUBLICATIONS

- **Clinical characteristics, treatment patterns, and outcomes of cytotoxic cutaneous T-cell lymphomas.** *American journal of hematology*  
Mou, E., Fernandez-Pol, S., Li, S., Rieger, K. E., Novoa, R., Suarez, C. J., Wieland, R., Weng, W., Kim, Y. H., Khodadoust, M. S.  
2024
- **Two cases of mycosis fungoides with large cell transformation with KMT2A rearrangements.** *Journal of hematopathology*  
Wadsworth, P. A., Lawrence, L., Suarez, C. J., Saleem, A., Khodadoust, M. S., Kim, Y. H., Rieger, K. E., Fernandez-Pol, S.  
2023; 16 (4): 227-234
- **Time to diagnosis in rapid exome/genome sequencing in the clinical inpatient setting.** *American journal of medical genetics. Part A*  
Schildt, A., Stevenson, D. A., Yu, L., Anguiano, B., Suarez, C. J.  
2023
- **Diagnostic impact of RNA-based next-generation sequencing fusion panel for solid tumors: A single-institution experience.** *American journal of clinical pathology*  
Fei, F., Kunder, C. A., Ho, C., Zehnder, J. L., Tomasello, G., Fung, E., Suarez, C. J.  
2023
- **Two cases of mycosis fungoides with large cell transformation with KMT2A rearrangements** *JOURNAL OF HEMATOPATHOLOGY*  
Wadsworth, P. A., Lawrence, L., Suarez, C. J., Saleem, A., Khodadoust, M. S., Kim, Y. H., Rieger, K. E., Fernandez-Pol, S.  
2023
- **Deterministic evolution and stringent selection during preneoplasia.** *Nature*  
Karlsson, K., Przybilla, M. J., Kotler, E., Khan, A., Xu, H., Karagoyzova, K., Sockell, A., Wong, W. H., Liu, K., Mah, A., Lo, Y. H., Lu, B., Houlahan, et al  
2023
- **In silico approaches to proficiency testing: Considerations for continued feasibility.** *The Journal of molecular diagnostics : JMD*  
Hagemann, I. S., Zehir, A., Suarez, C. J., Furtado, L. V., Halley, J., Kane, M., Mot, N., Vasalos, P., Moncur, J. T., Konnick, E. Q.  
2023
- **Patterns of mosaicism for sequence and copy-number variants discovered through clinical deep sequencing of disease-related genes in one million individuals.** *American journal of human genetics*  
Truty, R., Rojahn, S., Ouyang, K., Kautzer, C., Kennemer, M., Pineda-Alvarez, D., Johnson, B., Stafford, A., Basel-Salmon, L., Saitta, S., Slavotinek, A., Chandrasekharappa, S. C., Suarez, et al  
2023
- **Mutational Profiling of Epstein Barr Virus-Positive Mucocutaneous Ulcer**  
Volaric, A., Kumar, J., Nicholas, V., Saleem, A., Suarez, C., Natkunam, Y.  
ELSEVIER SCIENCE INC.2023: S1250-S1252
- **Therapeutic Implications of Oncogenic Missense HER2 (ERBB2) Mutations in Gastric Adenocarcinoma.** *JCO precision oncology*  
King, D. A., Weiel, J. J., Reyes, R., Mills, M., Itchon, A., Fisher, G. A., Ford, J. M., Suarez, C. J.  
2023; 7: e2200093
- **A Randomized Study of Temozolomide or Temozolomide and Capecitabine in Patients with Advanced Pancreatic Neuroendocrine Tumors (ECOG-ACRIN E2211).** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*  
Kunz, P. L., Graham, N. T., Catalano, P. J., Nimeiri, H. S., Fisher, G. A., Longacre, T. A., Suarez, C. J., Martin, B. A., Yao, J. C., Kulke, M. H., Hendifar, A. E., Shanks, J. C., Shah, et al  
2022: 101200JCO2201013
- **Colorectal cancer metastases in the liver establish immunosuppressive spatial networking between tumor associated SPP1+ macrophages and fibroblasts.** *Clinical cancer research : an official journal of the American Association for Cancer Research*  
Sathe, A., Mason, K., Grimes, S. M., Zhou, Z., Lau, B. T., Bai, X., Su, A., Tan, X., Lee, H., Suarez, C. J., Nguyen, Q., Poultsides, G., Zhang, et al  
2022
- **Recommendations for the Use of In silico Approaches for Next Generation Sequencing Bioinformatic Pipeline Validation: A Joint Report of the Association for Molecular Pathology, Association for Pathology Informatics, and College of American Pathologists.** *The Journal of molecular diagnostics : JMD*

Duncavage, E. J., Coleman, J. F., de Baca, M. E., Kadri, S., Leon, A., Routbort, M., Roy, S., Suarez, C. J., Vanderbilt, C., Zook, J. M.  
2022

- **Circulating tumor DNA monitoring for early recurrence detection in epithelial ovarian cancer.** *Gynecologic oncology*  
Hou, J. Y., Chapman, J. S., Kalashnikova, E., Pierson, W., Smith-McCune, K., Pineda, G., Vattakalam, R. M., Ross, A., Mills, M., Suarez, C. J., Davis, T., Edwards, R., Boisen, et al  
2022
- **Targeted Mutational Profiling Reveals Clonal Relationships in Metachronous Occurrence of Classic Hodgkin and Mediastinal Large B-Cell Lymphomas.** *The American journal of surgical pathology*  
Singh, K., Lezama, L. S., Kurzer, J., Oak, J., Schultz, L. M., Walkush, A., Cheng, T. C., Chen, E. H., May, W. A., Chang, C., Link, M. P., Advani, R. H., Suarez, et al  
2022
- **Factors associated with the time to complete clinical exome sequencing in a pediatric patient population.** *Genetics in medicine : official journal of the American College of Medical Genetics*  
Lee, G., Yu, L., Suarez, C. J., Stevenson, D. A., Ling, A., Killer, L.  
2022
- **A randomized study of temozolomide or temozolomide and capecitabine in patients with advanced pancreatic neuroendocrine tumors: Final analysis of efficacy and evaluation of MGMT as a predictive biomarker (ECOG-ACRIN E2211).**  
Kunz, P. L., Graham, N., Catalano, P. J., Nimeiri, H., Fisher, G. A., Longacre, T. A., Suarez, C. J., Rubin, D., Yao, J. C., Kulke, M. H., Hendifar, A., Shanks, J., Shah, et al  
LIPPINCOTT WILLIAMS & WILKINS.2022
- **A deep learning model for molecular label transfer that enables cancer cell identification from histopathology images.** *NPJ precision oncology*  
Su, A., Lee, H., Tan, X., Suarez, C. J., Andor, N., Nguyen, Q., Ji, H. P.  
2022; 6 (1): 14
- **Factors associated with the time to complete clinical exome sequencing in a pediatric patient population**  
Lee, G., Yu, L., Suarez, C., Stevenson, D., Ling, A., Derby, L.  
ELSEVIER SCIENCE INC.2022: S268-S269
- **Identification and Targeting of the Developmental Blockade in Extranodal Natural Killer/T-cell Lymphoma.** *Blood cancer discovery*  
Mundy-Bosse, B. L., Weigel, C., Wu, Y., Abdelbaky, S., Youssef, Y., Casas, S. B., Polley, N., Ernst, G., Young, K. A., McConnell, K. K., Nalin, A. P., Wu, K. G., Broughton, et al  
2022; 3 (2): 154-169
- **Applications of Machine Learning in Routine Laboratory Medicine: Current State and Future Directions.** *Clinical biochemistry*  
Rabbani, N., Kim, G. Y., Suarez, C. J., Chen, J. H.  
2022
- **Potential pitfalls in multiplex PCR-based next-generation sequencing: a case-based report.** *Journal of clinical pathology*  
Tung, J. K., Devereaux, K. A., Erdmann, A. L., Schrijver, I., Zehnder, J., Suarez, C. J.  
2022
- **A Multiplex SNaPshot Assay is a Rapid and Cost-Effective Method for Detecting POLE Exonuclease Domain Mutations in Endometrial Carcinoma.** *International journal of gynecological pathology : official journal of the International Society of Gynecological Pathologists*  
Devereaux, K. A., Steiner, D. F., Ho, C., Gomez, A. J., Gilks, B., Longacre, T. A., Zehnder, J. L., Howitt, B. E., Suarez, C. J.  
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- **Two Cases of Mycosis Fungoides With PCMI-JAK2 Fusion.** *JCO precision oncology*  
Fernandez-Pol, S., Neishaboori, N., Chapman, C. M., Khodadoust, M. S., Kim, Y. H., Rieger, K. E., Suarez, C. J.  
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- **Profiling diverse sequence tandem repeats in colorectal cancer reveals co-occurrence of microsatellite and chromosomal instability involving Chromosome 8.** *Genome medicine*  
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2021; 13 (1): 145
- **Circulating tumor DNA predicts disease recurrence in ovarian cancer patients.**

Chapman, J. S., Pierson, W. E., Smith-McCune, K., Pineda, G., Vattakalam, R. M., Ross, A., Mills, M. A., Suarez, C. J., Davis, T., Edwards, R. P., Boisen, M., Ford, J. M., Hou, et al  
AMER ASSOC CANCER RESEARCH.2021

- **Two Cases of Mycosis Fungoides With PCMI-JAK2 Fusion** *JCO PRECISION ONCOLOGY*  
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- **Targeted replacement of full-length CFTR in human airway stem cells by CRISPR/Cas9 for pan-mutation correction in the endogenous locus.** *Molecular therapy : the journal of the American Society of Gene Therapy*  
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2021
- **Prospective molecular classification of endometrial carcinomas: institutional implementation, practice, and clinical experience.** *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc*  
Devereaux, K. A., Weiel, J. J., Pors, J., Steiner, D. F., Ho, C., Charu, V., Suarez, C. J., Renz, M., Diver, E., Karam, A., Litkouhi, B., Dorigo, O., Kidd, et al  
2021
- **Accurate detection and quantification of FLT3 internal tandem duplications in clinical hybrid capture next-generation sequencing data.** *The Journal of molecular diagnostics : JMD*  
Tung, J. K., Suarez, C. J., Chiang, T., Zehnder, J. L., Stehr, H.  
2021
- **Human Germinal Center-associated Lymphoma (HGAL) Is a Reliable Marker of Normal and Neoplastic Follicular Helper T Cells Including Angioimmunoblastic T-Cell Lymphoma.** *The American journal of surgical pathology*  
Koo, M., Zhang, J., Tan, B., Kurzer, J., Gratzinger, D., Zhao, S., Suarez, C., Lossos, I. S., Warnke, R. A., Natkunam, Y.  
2021
- **Two Cases With Features of Lymphocyte Variant Hypereosinophilic Syndrome With STAT3 SH2 Domain Mutations.** *The American journal of surgical pathology*  
Fernandez-Pol, S., Petersen, B., Murphy, J., Oak, J. S., Wang, E. B., Rieger, K. E., Kim, Y. H., Khodadoust, M. S., Suarez, C. J.  
2020
- **A Multiplex SNaPshot Assay is a Rapid and Cost-Effective Method for Detecting POLE Mutations in Endometrial Carcinoma**  
Devereaux, K., Steiner, D., Ho, C., Gomez, A., Gojenola, L., Gilks, C., Longacre, T., Zehnder, J., Howitt, B., Suarez, C.  
NATURE PUBLISHING GROUP.2020: 1040
- **Molecular Classification of Metastatic and Recurrent Endometrial Endometrioid Carcinoma**  
Devereaux, K., Chow, S., Steiner, D., Peters-Schulze, G., Ho, C., Suarez, C., Folkins, A., Howitt, B.  
NATURE PUBLISHING GROUP.2020: 1041-42
- **Molecular Classification of Metastatic and Recurrent Endometrial Endometrioid Carcinoma**  
Devereaux, K., Chow, S., Steiner, D., Peters-Schulze, G., Ho, C., Suarez, C., Folkins, A., Howitt, B.  
NATURE PUBLISHING GROUP.2020: 1041-42
- **A Multiplex SNaPshot Assay is a Rapid and Cost-Effective Method for Detecting POLE Mutations in Endometrial Carcinoma**  
Devereaux, K., Steiner, D., Ho, C., Gomez, A., Gojenola, L., Gilks, C., Longacre, T., Zehnder, J., Howitt, B., Suarez, C.  
NATURE PUBLISHING GROUP.2020: 1040
- **Joint single cell DNA-seq and RNA-seq of gastric cancer cell lines reveals rules of in vitro evolution.** *NAR genomics and bioinformatics*  
Andor, N. n., Lau, B. T., Catalanotti, C. n., Sathe, A. n., Kubit, M. n., Chen, J. n., Blaj, C. n., Cherry, A. n., Bangs, C. D., Grimes, S. M., Suarez, C. J., Ji, H. P.  
2020; 2 (2): lqaa016
- **An N-terminal BRAF deletion accounting for acquired resistance to RAF/EGFR inhibition in colorectal cancer.** *Cold Spring Harbor molecular case studies*  
Tung, J. K., Neishaboori, N. n., Haraldsdottir, S. n., Suarez, C. J.  
2020
- **Single cell genomic characterization reveals the cellular reprogramming of the gastric tumor microenvironment.** *Clinical cancer research : an official journal of the American Association for Cancer Research*  
Sathe, A. n., Grimes, S. M., Lau, B. T., Chen, J. n., Suarez, C. n., Huang, R. J., Poultsides, G. A., Ji, H. P.

2020

- **Complete and Prolonged Response to Immune Checkpoint Blockade in POLE-Mutated Colorectal Cancer.** *JCO precision oncology*  
Silberman, R., F Steiner, D., Lo, A. A., Gomez, A., Zehnder, J. L., Chu, G., Suarez, C. J.  
2019; 3: 1-5
- **Comprehensive characterization of gastric cancer at single-cell resolution**  
Chen, J., Sathe, A., Grimes, S., Greer, S., Lau, B., Renschler, A., Poultides, G., Suarez, C., Ji, H.  
AMER ASSOC CANCER RESEARCH.2019
- **Complete and Prolonged Response to Immune Checkpoint Blockade in POLE-Mutated Colorectal Cancer** *JCO PRECISION ONCOLOGY*  
Silberman, R., Steiner, D. F., Lo, A. A., Gomez, A., Zehnder, J. L., Chu, G., Suarez, C. J.  
2019; 3: 1–5
- **Quantitative evidence for early metastatic seeding in colorectal cancer.** *Nature genetics*  
Hu, Z., Ding, J., Ma, Z., Sun, R., Seoane, J. A., Scott Shaffer, J., Suarez, C. J., Berghoff, A. S., Cremolini, C., Falcone, A., Loupakis, F., Birner, P., Preusser, et al  
2019
- **Tumor heterogeneity and testing discrepancy confound ROS1 detection in NSCLC.** *Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer*  
Sun, T. Y., Stehr, H., Suarez, C. J., Wakelee, H. A.  
2019
- **A Randomized Study of Temozolomide or Temozolomide and Capecitabine in Patients With Advanced Pancreatic Neuroendocrine Tumors: A Trial of the ECOG-ACRIN Cancer Research Group (E2211)**  
Kunz, P. L., Catalano, P., Nimeiri, H. S., Fisher, G. A., Longacre, T. A., Suarez, C. J., Yao, J. C., Kulke, M. H., Hendifar, A., Shanks, J. C., Shah, M. H., Zalupski, M. M., Schmulbach, et al  
LIPPINCOTT WILLIAMS & WILKINS.2019: 443
- **Clonal replacement and heterogeneity in breast tumors treated with neoadjuvant HER2-targeted therapy** *NATURE COMMUNICATIONS*  
Caswell-Jin, J. L., McNamara, K., Reiter, J. G., Sun, R., Hu, Z., Ma, Z., Ding, J., Suarez, C. J., Tilk, S., Raghavendra, A., Forte, V., Chin, S., Bardwell, et al  
2019; 10
- **Human genome-edited hematopoietic stem cells phenotypically correct Mucopolysaccharidosis type I.** *Nature communications*  
Gomez-Ospina, N. n., Scharenberg, S. G., Mostrel, N. n., Bak, R. O., Mantri, S. n., Quadros, R. M., Gurumurthy, C. B., Lee, C. n., Bao, G. n., Suarez, C. J., Khan, S. n., Sawamoto, K. n., Tomatsu, et al  
2019; 10 (1): 4045
- **Pharma-Oncogenomics in the Era of Personal Genomics: A Quick Guide to Online Resources and Tools.** *Advances in experimental medicine and biology*  
Joshi, R. P., Steiner, D. F., Konnick, E. Q., Suarez, C. J.  
2019; 1168: 103–15
- **Multi-Institutional Evaluation of Inter-rater Agreement of Variant Classification Based on the 2017 AMP, ASCO and CAP Standards and Guidelines for the Interpretation and Reporting of Sequence Variants in Cancer.** *The Journal of molecular diagnostics : JMD*  
Sirohi, D. n., Schmidt, R. L., Aisner, D. L., Behdad, A. n., Betz, B. L., Brown, N. n., Coleman, J. F., Corless, C. L., Deftereos, G. n., Ewalt, M. D., Fernandes, H. n., Hsiao, S. J., Mansukhani, et al  
2019
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2019; 10 (1): 657
- **Publisher Correction: Clonal replacement and heterogeneity in breast tumors treated with neoadjuvant HER2-targeted therapy.** *Nature communications*  
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2019; 10 (1): 2433
- **Tumor Molecular Profiling Aids in Determining Tissue of Origin and Therapy for Metastatic Adenocarcinoma in a Patient With Multiple Primary Malignancies.** *JCO precision oncology*  
Costa, H. A., Reyes, R., Mills, M., Zehnder, J. L., Sledge, G., Curtis, C., Ford, J. M., Suarez, C. J.

2018; 2: 1-4

- **Tumor Molecular Profiling Aids in Determining Tissue of Origin and Therapy for Metastatic Adenocarcinoma in a Patient With Multiple Primary Malignancies** *JCO PRECISION ONCOLOGY*  
Costa, H. A., Reyes, R., Mills, M., Zehnder, J. L., Sledge, G., Curtis, C., Ford, J. M., Suarez, C. J.  
2018; 2
- **Patient and provider perspectives on the development of personalized medicine: a mixed-methods approach** *JOURNAL OF COMMUNITY GENETICS*  
Puryear, L., Downs, N., Nevedal, A., Lewis, E. T., Ormond, K. E., Bregendahl, M., Suarez, C. J., David, S. P., Charlap, S., Chu, I., Asch, S. M., Pakdaman, N., Chang, et al  
2018; 9 (3): 283-91
- **A randomized study of temozolomide or temozolomide and capecitabine in patients with advanced pancreatic neuroendocrine tumors: A trial of the ECOG-ACRIN Cancer Research Group (E2211).**  
Kunz, P. L., Catalano, P. J., Nimeiri, H., Fisher, G. A., Longacre, T. A., Suarez, C. J., Yao, J. C., Kulke, M. H., Hendifar, A., Shanks, J., Shah, M. H., Zalupski, M., Schmulbach, et al  
AMER SOC CLINICAL ONCOLOGY.2018
- **Molecular Characterization of Aggressive Estrogen Receptor Positive Breast Cancer Resistant to Palbociclib Therapy**  
Lei, L., Lin, C., Steiner, D., Ford, J. M., Zehnder, J. L., Suarez, C. J.  
NATURE PUBLISHING GROUP.2018: 703
- **Molecular Characterization of Aggressive Estrogen Receptor Positive Breast Cancer Resistant to Palbociclib Therapy**  
Lei, L., Lin, C., Steiner, D., Ford, J. M., Zehnder, J. L., Suarez, C. J.  
NATURE PUBLISHING GROUP.2018: 703
- **IDH2 Mutation in a Patient with Metastatic Colon Cancer** *NEW ENGLAND JOURNAL OF MEDICINE*  
Zhang, B. M., Zehnder, J. L., Suarez, C. J.  
2017; 376 (20): 1991-1992
- **Promoting appropriate genetic testing: the impact of a combined test review and consultative service.** *Genetics in medicine*  
Suarez, C. J., Yu, L., Downs, N., Costa, H. A., Stevenson, D. A.  
2017
- **Patient and provider perspectives on the development of personalized medicine: a mixed-methods approach.** *Journal of community genetics*  
Puryear, L. n., Downs, N. n., Nevedal, A. n., Lewis, E. T., Ormond, K. E., Bregendahl, M. n., Suarez, C. J., David, S. P., Charlap, S. n., Chu, I. n., Asch, S. M., Pakdaman, N. n., Chang, et al  
2017
- **Synchronous immunophenotypically and clonally distinct follicular lymphoma and marginal zone lymphoma with massive amyloid deposition** *HUMAN PATHOLOGY: CASE REPORTS*  
Frost, A. S., Suarez, C. J., Kieckbusch, M. E., Burtelow, M., Natkunam, Y.  
2016; 5: 10-17
- **Next-Generation Sequencing for Infectious Disease Diagnosis and Management A Report of the Association for Molecular Pathology** *JOURNAL OF MOLECULAR DIAGNOSTICS*  
Lefterova, M. I., Suarez, C. J., Banaei, N., Pinsky, B. A.  
2015; 17 (6): 623-634
- **Lymph node involvement by mycosis fungoides and Sezary syndrome mimicking angioimmunoblastic T-cell Lymphoma** *HUMAN PATHOLOGY*  
LeBlanc, R. E., Lefterova, M. I., Suarez, C. J., Tavallae, M., Kim, Y. H., Schrijver, I., Kim, J., Gratzinger, D.  
2015; 46 (9): 1382-1389
- **Lymph node involvement by mycosis fungoides and Sézary syndrome mimicking angioimmunoblastic T-cell lymphoma.** *Human pathology*  
LeBlanc, R. E., Lefterova, M. I., Suarez, C. J., Tavallae, M., Kim, Y. H., Schrijver, I., Kim, J., Gratzinger, D.  
2015; 46 (9): 1382-9
- **Mycotic aneurysm of the abdominal aorta caused by Haemophilus influenzae type f** *JOURNAL OF MEDICAL MICROBIOLOGY*  
Suarez, C. J., Glover, W. A., Cowan, J., Smith, A., Clarridge, J. E.  
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- **Actions and consequences: characterization of a deletion in the cftr gene that encompasses a splice site** *Grand Rounds*  
Suarez, C. J., Boyle, T., Chiang, T., Schrijver, I.  
2013; 12: 36-39
- **Genotypic and phenotypic characterization and clinical significance of 'Haemophilus quentini' isolated from the urinary tract of adult men** *JOURNAL OF MEDICAL MICROBIOLOGY*  
Glover, W. A., Suarez, C. J., Clarridge, J. E.  
2011; 60 (11): 1689-1692
- **Genetic biomarkers in colorectal cancer** *Clinical Laboratory International*  
Suarez, C. J., Konnick, E. Q., Pritchard, C.  
2011; 35: 26-28
- **Respiratory** *Comparative anatomy and histology: A mouse and human atlas*  
Suarez, C. J., Frevert, C. W., Dintzis, S. M.  
Elsevier.2011; 1st: 121-134
- **Surfactant Protein D-Mediated Decrease of Allergen-Induced Inflammation Is Dependent upon CTLA4** *JOURNAL OF IMMUNOLOGY*  
Lin, K., Jen, K. Y., Suarez, C. J., Crouch, E. C., Perkins, D. L., Finn, P. W.  
2010; 184 (11): 6343-6349
- **T Cell Pathways Involving CTLA4 Contribute To a Model of Acute Lung Injury** *JOURNAL OF IMMUNOLOGY*  
Nakajima, T., Suarez, C. J., Lin, K., Jen, K. Y., Schnitzer, J. E., Makani, S. S., Parker, N., Perkins, D. L., Finn, P. W.  
2010; 184 (10): 5835-5841
- **Innate immune mechanism in allergic asthma** *CURRENT ALLERGY AND ASTHMA REPORTS*  
Suarez, C. J., Parker, N. J., Finn, P. W.  
2008; 8 (5): 451-459
- **First detection of the plasmid-mediated class A carbapenemase KPC-2 in clinical isolates of Klebsiella pneumoniae from South America** *ANTIMICROBIAL AGENTS AND CHEMOTHERAPY*  
Villegas, M. V., Lolans, K., Correa, A., Suarez, C. J., Lopez, J. A., Vallejo, M., Quinn, J. P.  
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Suarez, C. J., Kattan, J. N., Villegas, M. V.  
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- **First detection of metallo-beta-lactamase VIM-2 in Pseudomonas aeruginosa isolates from Colombia** *ANTIMICROBIAL AGENTS AND CHEMOTHERAPY*  
Villegas, M. V., Lolans, K., Olivera, M. D., Suarez, C. J., Correa, A., Queenan, A. M., Quinn, J. P.  
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- **Mechanisms of resistance to beta-lactams in some common Gram-negative bacteria causing nosocomial infections.** *Expert review of anti-infective therapy*  
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