



**SANCHITA DAS**

### **CANDIDATE STATEMENT**

My introduction to ASM took my career in a completely new and fulfilling direction. As a foreign graduate with little knowledge of training in the US, ASM was my sole support and offered resources that provided me the opportunity to expand my training and introduced me to excellent mentors. I attended the most inspiring education sessions at ASM conferences where I participate and help organize. I have served as an editorial board member of *Journal of Clinical Microbiology* and reviewer of *Antimicrobial Agents Chemotherapy*. The American Board of Medical Microbiology has served as a professional connection to my peers and has provided me with support and assistance in Clinical Microbiology Laboratory. I have significantly benefitted from ASM's global presence and mission of inclusion and diversity, I am ready to give back to the community and continue the culture of support to all aspiring microbiologists while continuing to advance microbial sciences.

### **ASM-RELATED ACTIVITIES**

- Microbe Program Committee, Member, 2021-2024
- Clinical and Public Health Microbiology Committee - American Board of Medical Microbiology (CPHMC – ABMM) Exam Development Subcommittee, Member, 2018-2021
- American Board of Medical Microbiology (ABMM) Validation committee, Member, 2014-2017

## CURRICULUM VITAE

**Sanchita Das MBBS, MD, D(ABMM)**

(Updated September, 2022)

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### **A. GENERAL INFORMATION**

Office address: Department of Laboratory Medicine  
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MD-20851

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Visa Status: Naturalized US Citizen

Language Proficiency: Read, write and speak fluently in  
Bengali, English and Hindi

### **B. EDUCATIONAL BACKGROUND**

<i>Degree</i>	<i>Institution name, city and state</i>	<i>Dates attended</i>	<i>Year Awarded</i>
M.B.B.S.	University of Calcutta, India NRS Medical College (Bachelor of Medicine Bachelor of Surgery)	1987-1992	1993
M.D.	Postgraduate Institute of Medical Education and Research, Chandigarh, India	1996-1998	1999

**C. BOARD CERTIFICATION**

Medical and Public Health Microbiology, Diplomate	American Board of Medical Microbiology # 1154	2013
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**D. PROFESSIONAL POSITIONS AND EMPLOYMENT**

<i>Title</i>	<i>Institution name, city and state</i>	<i>Dates</i>
Microbiologist	Dept. of Laboratory Medicine Clinical Center National Institute of Health	9.29.2019-contd.
Clinical and Molecular Microbiologist, Molecular Epidemiologist	Dept. of Pathology and Laboratory Medicine, NorthShore University HealthSystem, Evanston, IL	11.9.2015-9.22.2019
Clinical Assistant Professor	University of Chicago Pritzker School of Medicine	6.1.2017-9.22.2019
Molecular Epidemiology Administrator	Dept. of Infection Control, NorthShore University HealthSystem, Evanston, IL	7.26. 2011-11.8.2015
Research Associate	Division of Infectious Diseases, Weill Medical College of Cornell University. New York, NY	9.22.2007-7.14.2011
Postdoctoral Fellow	Division of Infectious Diseases, Weill Medical College of Cornell University. New York, NY	9.22.2005-9.21.2007

Oak Ridge Institute of Science and Engineering (ORISE) Fellow	Mycotic Diseases Branch, Division of Bacterial and Mycotic Diseases, National Center for Infectious Diseases, Centers for Disease Control and Prevention (CDC), Atlanta , GA.	9.22.2003-9.21.2005
Research Associate	Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh, India	1.3.2003-8.25.2003
Consultant Microbiologist	(AMRI) Hospitals, Calcutta, India	10.9.2000 – 3.5.2001
Senior Resident Postdoctoral training in Medical Microbiology	Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh, India	1.6.1999-8.22.2000

**E. PROFESSIONAL MEMBERSHIPS (medical and scientific societies)**

<i>Member/officer</i>	<i>Name of Organization</i>	<i>Dates held</i>
Member	American Society for Microbiology (ASM)	2003-cont.
Member	Association for Molecular Pathology (AMP)	2016-cont.
Member	International Society for Human and Animal Mycoses (ISHAM)	2003-2017
Member	Indian Association of Medical Microbiologists	Life Member
Member	NorthShore Scientific Society	2014-2016

**F. EXTRAMURAL PROFESSIONAL RESPONSIBILITIES**

Member, Editorial Board, Journal of Clinical Microbiology	2021-2023
Member, American Society for Microbiology Microbe Program Committee	2022-2024

Member, Association of Molecular Pathology Infectious Diseases Subdivision Leadership	2021-cont,
Advisor, CLSI Subcommittee on Subcommittee on Antimicrobial Susceptibility Testing	2021-cont.
Member, CLSI Expert Panel on Molecular Diagnostics	2020-cont.
American Society for Microbiology, ABMM Validation committee	2014-2017
American Society for Microbiology, ABMM Item Development Subcommittee	2018-2021
American Society for Microbiology, ABMM Exam Development Subcommittee	2021-2024
Co-chair, CLSI Adhoc Working group for development of Carbapenemase Inactivation Method	2016-2018
CLSI Document Development Committee on Laboratory Detection and Identification of Mycobacteria, Contributor	2015-2018
CLSI Document Development Committee on Molecular Methods for Genotyping and Strain Typing of Infectious Organisms, Member	2017-2020
CLSI Document Development Committee on Analysis and Presentation of Cumulative Antimicrobial Susceptibility Test Data, Member	2017-2020
Guest Editor, Frontiers in Cellular and Infection Microbiology, Special Edition: Impact of COVID-19 on the Clinical Microbiology Laboratory: Preparing for the Next Pandemic	2021
Guest Reviewer, Science Translational Medicine	2020
Guest Reviewer, Applied and Environmental Microbiology	2019
Guest Reviewer, Journal of Clinical Microbiology	2013-2020
Guest Reviewer, Journal of Global Antimicrobial Resistance	2013-2018
Guest Reviewer, Functional and Integrative Genomics	2014

Guest Reviewer, Epidemiology and Infection	2014
Guest Reviewer, Diagnostic Microbiology and Infectious Diseases	2018
Guest Reviewer, PLoS One	2017, 2020, 2021
ASM Clinical Microbiology Portal Q & A Expert Epidemiology/Infection Control and Antimicrobial testing	2015-2017

**G. HONORS AND AWARDS**

<i>Name of award</i>	<i>Date awarded</i>
NIH Clinical Center CEO Awards, Teaching and Mentoring	December 2021
NIH Clinical Center CEO Awards	December 2020
ORISE Fellowship	2003
George McCracken Infectious Disease Fellow Travel Grant	2004
PGIMER, Silver Medal of First Order (Medical Microbiology)	1999

**H. INSTITUTIONAL/HOSPITAL AFFILIATION**

Primary Institutional Affiliations: National Institutes of Health, Clinical Center

**I. CURRENT AND PAST INSTITUTIONAL RESPONSIBILITIES**

<b>Teaching</b>	<b>Dates</b>
Teaching Faculty, CPEP Microbiology Fellowship, Department of Laboratory Medicine, National Institutes of Health, Clinical Center	2019-cont.
Teaching Faculty, Infectious Diseases Fellowship Program, National Institutes of Health, Clinical Center	2019-cont.
Clinical Assistant Professor, University of Chicago Pritzker School of Medicine	2017-2019
Medical Microbiology Small Group Discussion, University of Chicago Pritzker School of Medicine	2016-2019



Molecular Epidemiologist, NorthShore University HealthSystem	2011-2019
Molecular Microbiologist, NorthShore University HealthSystem.	2015-2019
Clinical Microbiology Service, NorthShore University HealthSystem.	2015-2019
Clinical Microbiology Service, NIH, Clinical Center	2019-cont.

**Administrative duties (including committees)**

**Dates**

Member, Infection Control Committee and Working Subcommittee, NorthShore University HealthSystem. 2011-2019

Antibiotic Subcommittee, NorthShore University HealthSystem 2015-2019

**Research Support**

**2012-2013** Investigator Initiated Pilot Award, NorthShore University HealthSystem. *Role: Principal Investigator.* “Identification of Biomarkers of Host Response to Urinary Tract Infection”

**2015-2017** NIH RO1 Funded to Ohio State University, *Role: Microbiologist.* “Automation and Multisite Validation of a Personalized Empiric Antibiotic Advisor”

**2017-2018** Investigator Initiated Pilot Award, NorthShore University HealthSystem. *Role: Co-Investigator.* “Cord Blood and Placental miRNAs to Predict Neonatal Early Onset Sepsis”

**2018** Industry initiated validation study, Curetis GmbH (Germany). *Role: Principal Investigator.* “Collection of Samples for the Development and Validation of the Unyvero Invasive Joint Infection (IJI) Application”.

**J. INVITED SEMINARS, LECTURES AND ORAL PRESENTATIONS:**

1. Illinois Society for Microbiology Fall Meeting, November 4<sup>th</sup>, 2014: Lecture “Clinically Significant UTI and biomarkers: Adding the host to the equation”, Chicago, IL.



2. American Society for Microbiology ICAAC Scientific Presentation, September 8<sup>th</sup>, 2014: “Navigating the Evolution and Spread of Methicillin Resistant *Staphylococcus aureus* in Nursing Homes” Washington, DC.
3. NorthShore University HealthSystem, Guest Speaker Grand Rounds: “Lessons Learned from the 2014 Ebola Outbreak”. December 12<sup>th</sup>, 2014.
4. MICROCON 2016, the 40<sup>th</sup> National Conference of the Indian Association of Medical Microbiologists at Chandigarh. “Challenging Bacterial Infections: Peritonitis”. Chandigarh, India.
5. MICROCON 2016, the 40<sup>th</sup> National Conference of the Indian Association of Medical Microbiologists at Chandigarh. Session Chair; “Rapid diagnosis and Point of care test (POCT)”. Chandigarh, India.
6. Meet-the-Expert Session ASM Microbe 2017 “Consultative Medical Microbiology: Test Interpretations that Explain What the Microbiology Report Does Not!” Microbe 2017, New Orleans.
7. NorthShore University HealthSystem, Grand Rounds: “The Clinical Microbiology Laboratory: How Technology has Transformed Diagnostic Services”. February 16<sup>th</sup>, 2018.
8. Baylor College of Medicine Department of Pathology and Immunology Grand Rounds. “The Use and “Missed”-use of Molecular Tests in Diagnosis of Infections”. July 30<sup>th</sup>, 2018.
9. ACCA Spring 2019 Biology Seminar, Benedictine University, From Sanger to NGS: “Sequencing in the Clinical Microbiology Laboratory” March 2019
10. ACCA Spring 2019 Biology Seminar, Benedictine University, From Sanger to NGS: “What’s Next: Emerging Diagnostic Technologies” April 2019
11. Illinois Society for Microbiology Spring Meeting, June 5<sup>th</sup>, 2019. Molecular Assays: “Uses and Missed-Uses” in Diagnostic Microbiology.
12. Speaker: Symposium at ASM Microbe 2019 “Stewardship and Utility of Biomarker Testing for Fungal Infections”, Microbe 2019, San Francisco.
13. Moderator Symposium at ASM Microbe 2019 “Stewardship and Utility of Biomarker Testing for Fungal Infections”, Microbe 2019, San Francisco.
14. Speaker: Association of Molecular Pathology 2020 “Strain Typing in Clinical and Public Health Laboratories: Migration to Whole Genome Sequencing for Epidemiology Purposes”, Virtual Meeting November 2020.

15. Convener: World Microbe Forum, “How to Build a Plane While Flying: Diagnostic Pandemic Response for Testing Capacity Strategies.” Virtual Meeting June 20-24, 2021
16. Convener Microbe 2022. “Reevaluating Infectious Disease Dynamics: Focusing on the Patient instead of the Pathogen”. ASM Microbe June 9-13 Washington DC.

**K. SELECTED ABSTRACTS AND POSTER PRESENTATIONS:**

1. Association of Mupirocin Resistance (*mupA*) Gene and Presence of Antibiotic Resistance in Methicillin-Resistant *Staphylococcus aureus* (MRSA). S. Das, C. Anderson, B. Miller, R.B. Thomson, L. Peterson, A. Robicsek, Abstract #ID52 Presented at Association of Molecular Pathology Annual Meeting, 2012.
2. Molecular Typing to Evaluate Effectiveness of a Surveillance Program that includes Admission Screening and Decolonization of MRSA-Positive Patients, Without Isolation M. Harazin, S. Das, M. Wright, A. Robicsek, L.R. Peterson, #ID30 Presented at Association of Molecular Pathology Annual Meeting, 2013.
3. Combining Molecular and Informatics Tools to Understand Pathways of MRSA Transmission. S. Das, B. Miller, C.J. Anderson, L.R. Peterson, A. Robicsek. Abstract #2786. American Society for Microbiology, General Meeting, 2014.
4. A Pseudo-Outbreak of Epidemiologically Linked *Burkholderia cepacia* Complex in Clinical Cultures at Separate Outpatient Practices Shane Zelencik, Becky Smith, Marc-Oliver Wright, Donna Schora, Sanchita Das, Maureen Harazin, Richard Thomson, Lance Peterson, Abstract #349 Presented at ID week, 2015
5. Performance of a PCR-Melt Curve Analysis Assay for Rapid Identification of Non-Tuberculous Mycobacterial Species. Sanchita Das, Kathy A. Mangold, June Behles, Karen L. Kaul and Richard B. Thomson Jr., Abstract #ID40, Presented at Association of Molecular Pathology Annual Meeting, 2016.
6. Evaluation of a Biomarker Based Algorithm for Diagnosis of Urinary Tract Infection in Hospitalized Patients. S. Das, E. Usacheva, R.B. Thomson Jr. and L.R. Peterson. Abstract #272 Presented at ASM Microbe, 2016.

7. American Society for Microbiology Microbe, 2016: Oral Presentation. Detection of Carbapenemase Activity in Gram Negative Rods by the Modified Carbapenem Inactivation Method (CIM). P. A. Patel, R. B. Thomson, L. R. Peterson, K. A. Mangold, and S. Das
8. Implication of *Clostridium difficile* Strain Typing in Recurrent *C. difficile* Infection Donna Schora, Sanchita Das, Becky Smith, James Boone, Robert Carman, and Lance R. Peterson, Poster#2083 Presented at ID week 2016.
9. Association of *Clostridium difficile* molecular typing with colonization and development of *Clostridium difficile* Infection (CDI). Talent Theparee, Donna Schora, Jennifer L. Grant, Becky A. Smith, Lance R. Peterson, Sanchita Das, Abstract #ID16, Presented at Association of Molecular Pathology Annual Meeting, 2017.
10. Utilization and Performance of a Laboratory Developed Nucleic Acid Amplification Test for the Diagnosis of Pulmonary and Extrapulmonary Tuberculosis in a Low Prevalence Area: A 14 Year Study. Sanchita Das, Nirav Shah, Lance Peterson, Kathy A. Mangold, Richard B. Thomson, Jr., and Karen L. Kaul. Poster #2106, Presented at ID week 2017.
11. Different *Clostridioides difficile* Ribotypes among Patients with Colonization, Initial Clinical Disease and Recurrent Clinical Disease. Kevin Khoury, Eugene Yen, Jennifer Grant, Se Hyuk Park, Talent Thaparee, Donna Schora, Becky Smith, Kamaljit Singh, and Sanchita Das. Poster #2394, Presented at ID week 2018.
12. Emerging Piperacillin/Tazobactam Resistance in *Escherichia coli* and *Klebsiella* sp. Mira Suseno, Sanchita Das, Jeffery Semel and Richard Thomson Jr. Poster #2407, Presented at ID week 2018.
13. Umbilical Cord Blood miRNAs to Predict Neonatal Early Onset Sepsis. Linda Ernst, Karen Mestan, Vivien Wang and Sanchita Das. Oral Presentation and winner of Harry B. Neustein Award at the Society for Pediatric Pathology 2019 Spring Meeting

#### **L. RELEVANT PUBLICATIONS:**

1. Patricia J. Simner, Janet A. Hindler, Tanaya Bhowmick, **Sanchita Das**, Kristie Johnson, Brian V. Lubers, Mark A. Redell, John Stelling and Sharon M. Erdman. What's New in Antibiograms? Updating CLSI M39 Guidance with Current Trends. *Accepted Journal of Clinical Microbiology July 2022.*
2. Ngouth N, Monaco MC, Walker L, Corey S, Ikpeama I, Fahle G, Cortese I, **Das S**, Jacobson S. Comparison of qPCR with ddPCR for the Quantification of JC Polyomavirus

in CSF from Patients with Progressive Multifocal Leukoencephalopathy. *Viruses*. 2022 Jun 8;14(6):1246.

3. Sanchita Das and Karen Frank. Strategies for Scaling Up SARS-CoV-2 Molecular Testing Capacity. Available online, *Clinics in Laboratory Medicine*, March 8,2022.
4. Sanchita Das and Karen Bush. Success and Challenges Associated with Large Scale Collaborative Surveillance for Carbapenemase Genes in Gram Negative Bacteria. *Antimicrob Agents Chemother*. 2022 Feb 15;66(2):e0229921.
5. Veronique Nussenblatt, Allison E Roder, **Sanchita Das**, Emmie de Wit, Jung-Ho Youn, Stephanie Banakis, Alexandra Mushegian, Christopher Mederos, Wei Wang, Matthew Chung, Lizzette Pérez-Pérez, Tara Palmore, Jennifer N. Brudno, James N. Kochenderfer, Elodie Ghedin. Year-long COVID-19 infection reveals within-host evolution of SARS-CoV-2 in a patient with B cell depletion. *J Infect Dis*. 2022 Apr 1;225(7):1118-1123.
6. Ernst, Linda M., Mithal, Leena B., Mestan, Karen, Wang, Vivien, Mangold, Kathy A. Freedman, Alexa, **Das, Sanchita**. Umbilical cord miRNAs to predict neonatal early onset sepsis. *PLoS One*. 2021; 16(5): e0249548.
7. Ni Huang, Paola Perez, Takafumi Kato, Yu Mikami, Kenichi Okuda, Rodney C. Gilmore, Cecilia Domínguez Conde, Billel Gasmi, Sydney Stein, Margaret Beach, Eileen Pelayo, Jose O. Maldonado, Bernard LaFont, Shyh-Ing Jan, Nadia Nasir, Ricardo Padilla, Valerie Murrah, Robert Maile, Will Lovell, Shannon Wallet, Natalie M. Bowman, Suzanne L Meinig, Matthew C Wolfgang, Saibyasachi N. Choudhury, Mark Novotny, Brian D Aevertmann, Richard Scheuermann, Gabrielle Cannon, Carlton Anderson, Rhianna Lee, Julie Marchesan, Mandy Bush, Marcelo Freire, Adam Kimple, Daniel L. Herr, Joseph Rabin, Alison Grazioli, **Sanchita Das**, Benjamin N. French, Thomas Pranzatelli, John A. Chiorini, David E. Kleiner, Stefania Pittaluga, Stephen Hewitt, Peter D. Burbelo, Daniel Chertow, NIH COVID-19 Autopsy Consortium# , HCA Oral and Craniofacial Biological Network#, Karen Frank, Janice Lee, Richard C. Boucher, Sarah A. Teichmann, Blake M. Warner & Kevin M. Byrd. SARS-CoV-2 infection of the oral cavity and saliva. *Nature Medicine* 27: 892–903 (2021).
8. Barat B, **Das S**, De Giorgi V, Henderson DK, Kopka S, Lau AF, Miller T, Moriarty T, Palmore TN, Sawney S, Spalding C, Tanjutco P, Wortmann G, Zelazny AM, Frank KM. Pooled Saliva Specimens for SARS-CoV-2 Testing. 2020 Dec 1:*J. Clin. Microbiol*. 02486-20.
9. **Das S**, Lau AF, Youn JH, Khil PP, Zelazny AM, Frank KM. 2020. Pooled Testing for Surveillance of SARS-CoV-2 in Asymptomatic Individuals. *J Clin Virol* 132:104619.
10. Burbelo, P. D., Riedo, F. X., Morishima, C., Rawlings, S., Smith, D., **Das, S.**, Strich, J. R., Chertow, D. S., Davey, R. T., & Cohen, J. I. (2020). Sensitivity in Detection of Antibodies to Nucleocapsid and Spike Proteins of Severe Acute Respiratory Syndrome Coronavirus 2 in Patients with Coronavirus Disease 2019. *The Journal of infectious diseases*, 222(2), 206–213.

11. **Das S**, Mangold KA, Shah NS, Peterson LR, Thomson RB, Kaul KL. Performance and Utilization of a Laboratory-Developed Nucleic Acid Amplification Test (NAAT) for the Diagnosis of Pulmonary and Extrapulmonary Tuberculosis in a Low-Prevalence Area. *Am J Clin Pathol.* 2020; 154(1):115-123.
12. Sumanth Gandra, JooHee Choi, Erin McElvania, Stefan J Green, Maureen Harazin, Richard B Thomson, Gautam Dantas, Kamal S Singh, **Sanchita Das**. Faropenem resistance causes in vitro cross-resistance to carbapenems in ESBL-producing *Escherichia coli*. *Int J Antimicrob Agents.* 2020; 55(3):105902.
13. Peterson, Lance R; O'Grady, Sean; Keegan, Mary; Fisher, Adrienne; Zelencik, Shane; Kufner, Bridget; Shah, Mona; Lim, Rachel; Schora, Donna; **Das, Sanchita**; Singh, Kamaljit.. Reduced *Clostridioides difficile* infection in a pragmatic stepped-wedge initiative using admission surveillance to detect colonization. *PLoS One.* 2020; 15(3):e0230475.
14. Jamshidi P, Manjee K, **Das S**, Paintal AS. Educational Case: Chronic Pulmonary Aspergillosis. *Acad Pathol.* 2019;6:
15. M. M. Sfeir, J. A. Hayden, K. A. Fauntleroy, C. Mazur, J. K. Johnson, P. J. Simner, **S. Das**, M. J. Satlin, S. G. Jenkins, L. F. Westblade. EDTA-Modified Carbapenem Inactivation Method (eCIM): a Phenotypic Method for Detecting Metallo- $\beta$ -Lactamase-Producing Enterobacteriaceae. *J. Clin. Microbiol.* 57 (5) e01757-18
16. Benirschke RC, McElvania E, Thomson RB Jr, Kaul KL, **Das S**. Clinical Impact of Rapid Point-of-Care Polymerase Chain Reaction Influenza Testing In An Urgent Care Setting: A Single Center Study. *J. Clin. Microbiol.* 57 (3): e01281-18.
17. Aashiq H.Mirza\*, **Sanchita Das\***, Maneesh R. Pingle, Mark S. Rundell, George Armah, Ben Gyan, Richard L. Hodinka, Davise H. Larone, Eric D. Spitzer, Francis Barany and Linnie M. Golightly. A Multiplex PCR/LDR Assay for Viral Agents of Diarrhea and use in Genotyping of Rotavirus in Ghana. *Scientific Reports* 8, Article number 13215 (2018) \* Equal Contribution
18. Patricia Simner, J. Johnson, William Brasso, Karen Anderson, David Lonsway, Virginia Pierce, April Bobenchik, Zabrina Lockett, Angella Charnot-Katsikas, Lars Westblade, Brian Yoo, Stephen Jenkins, Brandi Limbago, **Sanchita Das**, and Darcie Roe-Carpenter. Multicenter Evaluation of the Modified Carbapenem Inactivation Method and the Carba NP for Detection of Carbapenemase-Producing *Pseudomonas aeruginosa* and *Acinetobacter baumannii*. *J Clin Microbiol.* 2017 Dec 26; 56(1) e1369-17.
19. Talent Theparee, **Sanchita Das** and Richard B. Thomson, Jr. Total Laboratory Automation and MALDI-TOF Improve Turnaround Times in the Clinical Microbiology Laboratory: a Retrospective Analysis. *J. Clin. Microbiol.* 2018 Jan; 56(1): e01242-17.

20. Virginia Pierce, Patricia Simner, David Lonsway, Darcie Roe-Carpenter, J. Johnson, William Brasso, April Bobenchik, Zabrina Lockett, Angella Charnot-Katsikas, MaryJane Ferraro, Richard (Tom) Thomson, Stephen Jenkins, Brandi Limbago, and **Sanchita Das**. The Modified Carbapenem Inactivation Method (mCIM) for Phenotypic Detection of Carbapenemase Production among *Enterobacteriaceae*. J. Clin. Microbiol. August 2017 vol. 55 (8): 2321-2333.
21. **Sanchita Das**, Dena Shibib and Michael Vernon. The New Frontier of Diagnostics: Molecular Assays and their Role in Infection Prevention and Control. American Journal of Infection Control. 2017; 45, (2):158–169
22. Charles M, **Das S**, Daniels R, Kirkman L, Delva GG, Destine R, Escalante A, Villegas L, Daniels NM, Shigyo K, Volkman SK, Pape JW, Golightly LM. *Plasmodium falciparum* K76T pfcr Gene Mutations and Parasite Population Structure, Haiti, 2006-2009. Emerg. Infect Dis. 2016 May; 22(5):786-93.
23. **Sanchita Das**, Mark S. Rundell, Aashiq H. Mirza, Maneesh R. Pingle, Kristi Shigyo, Aura R. Garrison, Jason Paragas, Scott K. Smith, Victoria A. Olson, Davise H. Larone, Eric D. Spitzer, Francis Barany and Linnie M. Golightly. A Multiplex PCR/LDR Assay for the Simultaneous Identification of Category A Infectious Pathogens: Agents of Viral Hemorrhagic Fever and Variola Virus. PLoS One, 10(9):e0138484
24. Chelsea R Curry, Karan Saluja, **Sanchita Das**, Beenu Thakral, Pankaj Dangle, Thomas C Keeler, William G Watkin. Encrusted cystitis secondary to *Corynebacterium glucuronolyticum* in a patient without predisposing factors. Lab Medicine; 2015 Spring 46(2):136-9.
25. Rundell MS, Pingle M, **Das S**, Hussain A, Ocheretina O, Charles M, Larone DH, Spitzer ED, Golightly L, Barany F. A multiplex PCR/LDR assay for simultaneous detection and identification of the NIAID category B bacterial food and water-borne pathogens. Diagn. Microbiol Infect Dis. 2014 Jun; 79(2):135-40.
26. **Sanchita Das**, Maureen Harazin, Marc Oliver Wright, Irene Dusich, Ari Robicsek, Lance R. Peterson. Active Surveillance and Decolonization without Isolation is Effective in Preventing MRSA Transmission in the Psychiatry Units. Open Forum Infectious Diseases, July 2014; 1(2).
27. Donna M. Schora, Susan Boehm, **Sanchita Das**, Parul A. Patel, Jennifer O'Brien, Carolyn Hines, Deborah Burdsall, Jennifer Beaumont, Kari Peterson, Maureen Fausone, Lance R. Peterson Impact of Detection, Education, Research and Decolonization without Isolation in Long-term care (DERAIL) on methicillin-resistant *Staphylococcus aureus* colonization and transmission at 3 long-term care facilities. American Journal of Infection Control. 2014; 42(10): 269-273
28. **Sanchita Das**, Christopher J. Anderson, Althea Grayes, Katherine Mendoza, Donna M. Schora, and Lance R. Peterson. Epidemic Methicillin-Resistant *Staphylococcus aureus*

Observed in Three Chicago Area Long Term Care Facilities. *Antimicrobial Agents Chemotherapy*. 2013; 57(9): 4551.

29. D. Schora, S. Boehm, **S. Das**, P. Patel, K. Schora, K. Peterson, A. Grayes, C. Hines, D. Burdsall, A. Robicsek, and L.R. Peterson. Detection of Methicillin-Resistant *Staphylococcus aureus* (MRSA) from Multiple Body Sites of Residents at Long Term Care Facilities. *American Journal of Infection Control*. 2014; 10: S189-S296
30. **Das S.**, Pingle M.R., Muñoz-Jordán J., Rundell M.S., Rondini S., Granger K., Chang G-J. J., Kelly E., Spier E.G., Larone D., Spitzer E., Barany F., Golightly L.M. Detection and Serotyping of Dengue Virus in Serum Samples by Multiplex Reverse Transcriptase-PCR/LDR Assay. *J Clin Microbiol*. 2008; 46 (8): 3276-3284.
31. Rondini S., Pingle M.R., **Das S.**, Tesh R., Rundell M.S., Hom J., Stramer S., Turner K., Rossmann S.N. , Lanciotti R., Spier E.G., Muñoz J., Larone D., Spitzer E., Barany F. and Golightly L.M. Development of a multiplex PCR/LDR assay for detection of West Nile Virus. *J Clin Microbiol*. 2008 Jul; 46(7):2269-79.
32. Gyan B, Goka BQ, Adjei GO, Tetteh JK, Kusi KA, Aikins A, Dodoo D, Lesser ML, Sison CP, **Das S**, Howard ME, Milbank E, Fischer K, Rafii S, Jin D, Golightly LM. Cerebral Malaria Is Associated with Low Levels of Circulating Endothelial Progenitor Cells in African Children. *Am J Trop Med Hyg*. 2009 Apr; 80(4):541-6.
33. **Das S.**, Shivaprakash M.R., Chakrabarti A. New antifungal agents in pediatric practice. *Indian Pediatrics*, 2009; 46:1-7
34. **Das S.**, Brown T.M., Kellar K.L., Holloway B.P., Morrison C.J. DNA probes for the rapid identification of medically important *Candida* species using a multianalyte profiling system. *FEMS Immunol Med Microbiol*. 2006; 46(2):244-50.
35. Chakrabarti A., **Das S.**, Characterization of fungal sinusitis – an unresolved issue? *Chest (India edition)*. 2004; 5 (1): 1-2.
36. Chakrabarti A, Ghosh A, Prasad GS, David JK, Gupta S, Das A, Sakhuja V, Panda NK, Singh SK, **Das S**, and Chakrabarti T. *Apophysomyces elegans*: an emerging zygomycete in India. *J Clin Microbiol*. 2003; 41:783-8.
37. Chakrabarti A, Das A, Sharma A, Panda N, **Das S**, Gupta KL, Sakhuja V. Ten years' experience in zygomycosis at a tertiary care centre in India. *J Infect*. 2001; 42:261-6.
38. Chakrabarti A, Singh K, Narang A, Singhi S, Batra R, Rao KL, Ray P, Gopalan S, **Das S**, Gupta V, Gupta AK, Bose SM, McNeil MM. Outbreak of *Pichia anomala* infection in the pediatric service of a tertiary- care center in Northern India. *J. Clin Microbiol*. 2001; 39:1702-6.

39. **Das S**, Mahajan RC, Ganguly NK, Sawhney IM, Dhawan V, Malla N. Detection of antigen B of *Cysticercus cellulosae* in cerebrospinal fluid for the diagnosis of human neurocysticercosis. Trop Med Int Health. 2002; 7:53-8.

**L. Thesis:**

Identification of Antigenic Fractions of *Cysticercus cellulosae* in cerebrospinal fluid of Neurocysticercosis Patients by High Performance Liquid Chromatography. Published June 1998 as a requirement for MD degree in Medical Microbiology.

**M. Book Chapters:**

1. Sanchita Das, Virginia M. Pierce, and Karen M. Frank. Klebsiella, Enterobacter, Citrobacter, and Selected Enterobacteriaceae *In* Manual of Clinical Microbiology 13<sup>th</sup> ed. ASM Press, Washington, D.C. (Accepted for Publication).
2. Davise Larone and **Sanchita Das**. 2018. Basics of Molecular Methods for Fungal Identification. *In* Davise Larone., Medically Important Fungi: A Guide to Identification, 6<sup>th</sup> ed. ASM Press, Washington, D.C.
3. Pingle M., Rundell M., **Das S.**, Golightly LM., Barany F. PCR/LDR/Universal array platforms for the diagnosis of infectious diseases. Methods Mol. Biol. 2010; 632:141-157.

**N. Patents:**

US Patent Number 8119788: COMPOSITIONS AND METHODS FOR THE DETECTION OF CANDIDA SPECIES

Japanese Patent Number 2009-509534: COMPOSITIONS AND METHODS FOR THE DETECTION OF CANDIDA SPECIES