

- **Name:** Aadel Ahmed Chaudhuri
 - **Current Position & Affiliation:** Mayo Clinic Comprehensive Cancer Center (MCCCC)
 - **Country:** USA
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• Educational Background:

Massachusetts Institute of Technology, Massachusetts Institute of Technology - BS, Biology, Minor in Biomedical Engineering 2000 – 2004
 Massachusetts Institute of Technology, Cambridge, MA - BS, Electrical Engineering & Computer Science 2000 – 2004
 Stanford University, Stanford, California - MD, Medicine 2004 – 2013
 California Institute of Technology, Pasadena, California - PhD, Biology 2006 – 2011
 Scripps Mercy Hospital, San Diego – Internship 2013 - 2014
 Stanford University, Stanford, California - Residency, Radiation Oncology 2014 – 2018
 Stanford University, Stanford, California - Postdoctoral Training, Applied Genomics & Precision Medicine 2016 – 2018
 Stanford University, Stanford, California - Chief Resident, Radiation Oncology 2017 - 2018

• Professional Experience:

2024 – Present : Co-Director - Mayo Clinic Comprehensive Cancer Center (MCCCC) Precision Medicine Office
 2024 – Present: Co-Leader - Enterprise-wide MCCCC Multi-Cancer Detection Clinic
 2024 – Present: Director - Mayo Clinic Liquid Biopsy and Translational Immunogenomics Laboratory
 2024 – Present : Emerging Leader - MCCCC Advanced Clinical Trials and Translational Sciences Program
 2024 – Present: Vice Chair of Translational Research - Mayo Clinic Department of Radiation Oncology
 03/2024 – Present: Senior Associate Consultant - Department of Radiation Oncology, Mayo Clinic, Rochester, Minnesota
 2024 – Present : Emerging Leader - MCCCC Risk Assessment, Early Cancer Detection and Interception Program
 2024 – Present : Member - Mayo Clinic Radiation Oncology Research Executive Committee
 2024 – Present: Member - Mayo Clinic Multi-Cancer Detection Steering Committee
 08/2024 – Present : Full Faculty Privileges in Biochemistry & Molecular Biology - Mayo Clinic Graduate School of Biomedical Sciences, Mayo Clinic College of Medicine and Science
 10/2024 – Present: Senior Associate Consultant (Joint Appointment) - Department of Immunology, Mayo Clinic, Rochester, Minnesota
 04/2025 – Present : Professor of Radiation Oncology - Mayo Clinic College of Medicine and Science
 2025 – Present : Visiting Professor - Washington University Department of Computer Science and Engineering
 05/2025 – Present : Associate Professor of Immunology - Mayo Clinic College of Medicine and Science

• Professional Organizations:

American Society of Clinical Oncology (ASCO)
 American Radium Society (ARS)

American Board of Radiology (ABR)
American Association for Cancer Research (AACR)
Radiation Research Society (RRS)

• Main Scientific Publications:

1. Hashmi A, Greiner LJ, Chauhan PS, Szymanski JJ, Park S, Olivier K, Owen D, Chaudhuri AA. Emergence of Circulating Tumor DNA as a Precision Biomarker in Lung Cancer Radiation Oncology and Beyond. *Hematol Oncol Clin North Am.* 2025 Apr; 39 (2):257-268 Epub 2024 Dec 27 PMID: 39732580 DOI: 10.1016/j.hoc.2024.11.002
2. Szymanski JJ, Chauhan PS, Chaudhuri AA. LINE-1 Retrotransposons as Cell-free DNA Biomarkers for Multicancer Early Detection. *Clin Cancer Res.* 2025 Apr 1; 31 (7):1179-1181 PMID: 39879112 PMCID: PMC11961311 DOI: 10.1158/1078-0432.CCR-24-4051
3. Lotze M, Zevallos J, Chaudhuri AA, Szymanski J, Chauhan P, Harris P, Earland N, Dubrovsky G. Finding a needle in a haystack: Measures of circulating tumor DNA (ctDNA) to guide treatment decisions in oncology *Science Direct.* 2025.
4. Moding EJ, Shahrokh Esfahani M, Jin C, Hui AB, Nabat BY, Liu Y, Chabon JJ, Binkley MS, Kurtz DM, Hamilton EG, Chaudhuri AA, Liu CL, Li Z, Bonilla RF, Jiang AL, Lau BC, Lopez P, He J, Qiao Y, Xu T, Yao L, Gandhi S, Liao Z, Das M, Ramchandran KJ, Padda SK, Neal JW, Wakelee HA, Gensheimer MF, Loo BW Jr, Li R, Lin SH, Alizadeh AA, Diehn M. Integrating ctDNA Analysis and Radiomics for Dynamic Risk Assessment in Localized Lung Cancer. *Cancer Discov.* 2025 Apr 29; OF1-OF21 [Epub ahead of print] PMID:
5. Belge Bilgin G, Lucien-Matteoni F, Chaudhuri AA, Orme JJ, Childs DS, Muniz M, Li GG, Chauhan PS, Lee S, Gupta S, Thorpe MP, Johnson DR, Johnson GB, Kendi AT, Sartor O. Current and future directions in theranostics for neuroendocrine prostate cancer. *Cancer Treat Rev.* 2025 May; 136:102941 Epub 2025 Apr 09 PMID: 40239461 DOI: 10.1016/j.ctrv.2025.102941
6. Helou V, Smith JD, Harris M, Earland N, Contrera KJ, Chaudhuri AA, Zevallos JP. Emerging Proximal Liquid Biopsy Approaches for Detecting Residual Disease and Predicting Recurrence in Head and Neck Cancer: A Review and Proposal of Novel Liquid Staging. *Head Neck.* 2025 Jun; 47 (6):1779-1787 Epub 2025 Mar 21 PMID: 40114519 PMCID: PMC12068541 DOI: 10.1002/hed.28138