

# Appendix A

# CURRICULUM VITAE

SRIDHAR MANI, M.D.

## Work

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**Date of Birth:** January 22, 1964

**Present Rank:** Professor, Departments of Medicine, Molecular Pharmacology and Genetics, Div. of Oncology, Albert Einstein School of Medicine (AECOM), Bronx, NY

## **Education:**

1983-1988 Sophie Davis School of Biomedical Education at the City College of New York  
*Degree:* Bachelor of Science (BS), Summa Cum Laude  
*Major:* Biomedical Science/Anthropology

1988-1990 Mount Sinai School of Medicine, New York  
*Degree:* Doctor of Medicine (MD), Alpha Omega Alpha

## **Post-graduate Training:**

1990-1992 Resident, Department of Internal Medicine, Yale New Haven Hospital, Yale University School of Medicine, New Haven, CT (Clinical Investigator Pathway in Internal Medicine)

1992-1995 Postdoctoral Fellow, Departments of Oncology and Hematology, Yale New Haven Hospital, Yale University School of Medicine, New Haven, CT

## **Professional Positions:**

1995-1998 Instructor, Department of Medicine, Section of Hematology/Oncology, University of Chicago, Chicago, IL

1997- 1998 Program Director, GI Oncology, Section of Hematology/Oncology, University of Chicago, Chicago, IL

1999 Assistant Professor, Medicine/Oncology, Montefiore Medical Center (MMC), Bronx NY

1999- Present Member, Albert Einstein Cancer Center, Bronx, NY

2000 Director, Phase I Program, AECCC/ Albert Einstein College of Medicine (AECOM/MMC), Bronx, NY (now emeritus)

1999 Assistant Professor, Medicine, AECOM, Bronx, NY

2003 Associate Professor, Dept. of Medicine, Div. of Oncology, AECOM

2006 Associate Professor, Dept. of Molecular Genetics, AECOM

2011 Professor, Medicine & Genetics, AECOM

2018 Professor, Molecular Pharmacology, AECOM

## **Board Certification/Eligibility:**

1993 ABIM (Internal Medicine) (#150280); Re-certified 2003, 2012

1997 ABIM (Oncology) (#150280); Re-certified 2006, 2017

**Professional Society Memberships (past and present):**

American College of Physicians (ACP)  
American Federation for Clinical Research (AFCR)  
American Association for Cancer Research (AACR)  
American Society of Clinical Oncology (ASCO)  
European Society for Medical Oncology (ESMO)  
Eastern Oncology Cooperative Group (ECOG)  
American College of Clinical Pharmacology (ACCP)  
American Association of Pharmaceutical Scientists (AAPS)  
American Society for Clinical Pharmacology and Therapeutics (ASCPT)  
American Society of Gene Therapy (ASGT)  
New York Academy of Science (NYAS)  
Royal Society of Medicine, UK (RSM)  
American Society for Biochemistry and Molecular Biology (ASBMB)  
American Association of Immunologists (AAI)

**Awards and Honors:**

1989           Alpha Omega Alpha Medical Honor Society  
1992           American Medical Association/Burroughs Wellcome Leadership Award  
2002           Damon Runyon – Lilly Clinical Investigator Award, New York, NY  
2003           Fellow, American College of Physicians, USA  
2011           Scientific Award, Society of Asian American Scientists in Cancer Research (AASCR)

**Awarded and Pending Patents:**

PCT/US2002/030276   Bregman DB, **Mani S**, Agrawal A, Lu Y. Sensitization of Cells to Cytotoxic Agents Using Oligonucleotides Directed to Nucleotide Excision Repair or Transcription Coupled Repair Genes. (USPTO# 20030232767)  
PCT/US2002/030276   Khandimala E, Zagardo BS, Sai S, **Mani S**, Agrawal S. Sensitization of Cells to Cytotoxic Agents Using Oligonucleotides Directed to Survivin. (USPTO# 20030125287)  
96700/1320 D-665     **Mani S**, **Das B**. Ketoconazole-Derivative Antagonists of Human Pregnane X Receptor and Uses Thereof (USPTO# 20110105522)  
96700/1423 D-666     **Mani S**, **Das B**. Hypoxia targeted compounds for cancer diagnosis and therapy. (USPTO # 20110251189)  
WO/2011/072127     **Mani S**, Wallace B, Redinbo MR. Compounds Inhibiting microbial beta-glucuronidases. Patent filed with UNC & AECOM (USTPO# 2010059690).  
PCT/US2013/072709   **Mani S**, Mukherjee S. Gut barrier dysfunction treatment and prevention. (USTPO# 20180185422)  
Filed                 **Mani S**, Kelly L, Li H. Endogenous microbial hyperswarmers protect against intestinal inflammation.  
Filed                 **Mani S**, Azole PXR antagonist for Treatment of Nonalcoholic Fatty Liver Disease (NAFLD)  
PCT/US2018/14129   **Mani S et al**. PXR agonists and uses thereof for gut barrier dysfunction, treatment and prevention

**Other Professional Activities:**

1998-1999           Member, Cancer and Leukemia Group B (CALGB)  
Pharmacology and Experimental Therapeutics (PET) Committee  
1998-1999           PET Liaison to GI Committee, CALGB  
1998-1999           Member, GI Solid Tumor Correlative Science Committee, CALGB  
2002                 Member, Eastern Cooperative Oncology Group (ECOG)  
2005                 Executive Committee, ECOG Experimental Therapeutics Committee  
2000- 2014          Member, Institutional Biosafety Committee (IBC) of AECOM, Bronx, NY  
2000- 2013          Member, Committee on Patents of AECOM, Bronx, NY  
2000-Present         Member, NCI Organ Dysfunction Drug Development Consortium

2007-2015 Member, The Harvey Society, New York, NY  
 2013-2015 Member, Committee on Appointments & Promotions (Professors)  
 2012- Member, Advisory Committee K12 Paul Calabresi Career Development Award for Clinical Oncology (PI: Perez-Soler, R)

**Principle Investigator, National Group Trials:**

1998-1999 Interracial Study of CPT-11 (Irinotecan) Pharmacokinetics in 5-Fluorouracil Refractory Colon Cancer: A Population Pharmacokinetic/Pharmacodynamic Study: MMTC# 6475 98253 CALGB# 9864

**Editorial Board Membership:**

2004- Current Cancer Drug Targets  
 2004- Current Medicinal Chemistry - Anti-Cancer Agents  
 2007- Genes & Cancer  
 2009- Clinical Cancer Research  
 2009- Molecular Cancer Therapeutics  
 2009-2013 Cancer Research  
 2009- Molecular Pharmacology (Associate Editor, 2015 -)  
 2014- Journal of Visual Experiments (JoVE)  
 2015- Journal of Biological Chemistry (JBC)  
 2015- Nuclear Receptors Research (Associate Editor)

**NIH Grants Review and Study Section Membership:**

10/19/00 - 10/20/00 CA00-001/Molecular Biology NCI Special Emphasis Panel ZCA1 SRRB-D (J2) Interdisciplinary Teams for Molecular Target Assessment, Bethesda MD  
 2007 Adhoc Member, ZRG1 SSMI-Q 10: Biomedical Devices and Bioengineering Study Section  
 2009 Adhoc Member, National Cancer Institute, DT Scientific Review Group  
 2009 NIH Challenge Grants Reviewer  
 2009 Adhoc member, Oncology 2 - Translational Clinical Integrated Review Group  
 2010 Adhoc member, ZRG1 OTC-L(10) Cancer Drug Development and Therapeutics (CDDT) SBIR/STTR, NCI  
 2008-2010 Grant Reviewer, James and Esther King Biomedical Research Program, Florida Department of Health, FL  
 08/17/10-08/18/10 Reviewer, 2010/10 ZRG1 EMB (02) M Member Conflict: Endocrinology and Obesity  
 10/10/10-10/11/10 Chair, Cancer Drug Development and Therapeutics (CDDT) SBIR/STTR review panel [2011/01 ZRG1 OTC-J (10)]  
 3/2/11 – 3/3/11 Permanent Member, Cancer Diagnostics and Treatments SBIR/STTR panel (ZRG1-OTC-H13)  
 09/01/11 Permanent Member, National Cancer Institute, Developmental Therapeutics (DT) Scientific Review Group  
 06/23/11 – 06/30/11 Co-chair, ZRG1 OTC-H (13) B Cancer Diagnostics and Treatments (CDT) SBIR/STTR  
 07/07/11 – 07/09/12 Adhoc Member, ZRG1 OTC-H (14) B Small Business: Cancer Diagnostics and Treatments (CDT)  
 07/12/13 -07/13/13 Adhoc Member, NCI P01 Special Emphasis Panel II  
 2014 Adhoc, Special Emphasis Panel/Scientific Review Group 2015/01 ZCA1 RPRB-O (J1) P meeting  
 2015 Adhoc, Drug Discovery and Molecular Pharmacology Study Section  
 Adhoc, MIRA Grant Panel, NIGMS  
 2016 ZRG1-BDCN-W-03, ZCA1-RPRB-J-O1, ASG, NIH  
 2016, 2017 CDMRP Reviewer  
 2017 R13 Review Panel, NCATS  
 2017 Adhoc, ASG Review Panel, NIH  
 2018 Adhoc, ZTR1 CG-5 (01) NCATS (NIH), Bethesda, MD  
 2019 BCRP, DOD Reviewer  
 2019 XNDA CSR, Reviewer

2019 Permanent Member, Xenobiotic and Nutrient Disposition and Action Study Section (XNDA), DKUS

**International (Other) Study Section(s)**

2008- Grant Reviewer, Georgia National Science Foundation, Tbilisi, Georgia  
06/30/13 - Reviewer, Foundation for Polish Science, Warsaw, Poland  
2016 Review, Italian Ministry of Health, Italy  
2017 DBT, India  
2018 Reviewer, Oncopole EMC<sup>2</sup> (Multi-institutional teams against cancer), Fonds de Recherche du Québec –Santé (FRQS), Quebec  
2018 Reviewer, Czech Science Foundation, CZ  
2019 Florida Department of Health

**AECOM PhD Thesis and Qualifying Committees (see *Teaching Portfolio*): Upon Request**  
**Undergraduate, Graduate and Postdoctoral Fellows/Trainees (see *Teaching Portfolio*): Upon Request**  
**AECOM Teaching (see *Teaching Portfolio*): Upon Request**

**National Meeting (Podium/Poster Discussion) Presentations:**

2005, 2008 Annual Meeting - American Society of Clinical Oncology  
Annual Meeting - American Association of Cancer Research  
2009 NYAS: Co-Chair, Schwachman-Diamond Syndrome International Conference

**Invited Lectures:**

2001 Johns Hopkins Hospital, Baltimore MD/Drug Development  
2002 Georgetown University Medical Center, Washington DC  
2003 Dana Farber Cancer Center, Harvard University, Boston, MA  
2004 Georgetown University Medical Center, Washington DC  
2005 Thomas Jefferson University, Philadelphia, PA  
2009 Mount Sinai School of Medicine, New York, NY  
2009 University of Connecticut Health Science Center, Hartford, CT  
2010 Shanghai University of Traditional Chinese Medicine, Shanghai, China  
2010 City of Hope Medical Center, Duarte, CA  
2010 Drexel University College of Medicine, Philadelphia, PA  
2011 Medical University of South Carolina, Charleston, South Carolina  
2011 OMICs Meeting, Las Vegas, NV  
2012 Penn State “Symposium on Molecular Biology” (June 2012)  
2012 St. Jude’s Children’s Medical Center, Memphis, TN  
2013 University of Kansas Medical Center, Kansas City, KS  
University of Connecticut Medical Center, Hartford, CT  
2014 Fox Chase Chemical Diversity Center, Philadelphia, PA  
2015 Experimental Biology, Boston, MA  
Palacky University, Olomouc, Czech Republic  
2016 Microbiome Update 2016, BioPharma Research Council, Kean University, NJ  
University of Houston, Houston, TX  
2017 Taipei Medical University, Taipei, Taiwan  
2018 Brown University, Providence, RI  
2018 Personalized Medicine, Gordon Research Conference, Hong Kong  
2019 University of Oklahoma  
2019 University of California, Davis CA  
2019 Fondazione IRCCS Istituto Nazionale dei Tumori, Milan  
2019 University of Perugia, Italy

**Other AECOM Committees:**

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