

KAREN E. KNUDSEN, MBA PhD

**Executive Vice President of Oncology Services. Jefferson Health
Enterprise Director, NCI-designated Sidney Kimmel Cancer Center**

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*Legal Name: Karen E. Costello-- *Please use this name for all travel & legal documents*

CONTACT INFORMATION

Sidney Kimmel Cancer Center, Thomas Jefferson University & Jefferson Health

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EDUCATION

1987-90 B.S. The George Washington University (Biology)

1991-96 Ph.D. University of California, San Diego (Biological Sciences)

2019 MBA Temple University, Fox School of Business (with Honors)

FELLOWSHIP

1996-1998 Postdoctoral Fellow, Ludwig Institute for Cancer Research (mentor: Dr. W.K. Cavenee)

1999 Postdoctoral Fellow, University of Cincinnati (joint with the Ludwig Institute)

PROFESSIONAL EXPERIENCE (ACADEMIC & HEALTH SYSTEM)

2000-2005 Assistant Professor, Dept. of Cell & Cancer Biology, Univ. of Cincinnati College of Medicine

2005-2007 Tenured Associate Professor, Univ. of Cincinnati, College of Medicine

2007-2008 Program Leader, Hormone Dependent Cancer Section, UC Barrett Cancer Center, University of Cincinnati, College of Medicine

2008-2010 Tenured Associate Professor, Depts. of Cancer Biology (primary) and Urology, Radiation Oncology, and Medical Oncology (secondary appointments), Thomas Jefferson University

2007-present Member, Sidney Kimmel Cancer Center

2010-present Professor, Depts. of Cancer Biology (primary) and Urology, Radiation Oncology, and Medical Oncology (secondary appointments), Thomas Jefferson University

2012-2014 Vice Chair, Department of Cancer Biology

2012-present Hilary Koprowski Endowed Professor, Department of Cancer Biology

2012-2015 Prostate Cancer Program Leader, Sidney Kimmel Cancer Center

2012-2015 Deputy Director, Sidney Kimmel Cancer Center

2013- 2015 Director of Research, Department of Medical Oncology

2014-2015 Vice Provost, Thomas Jefferson University

2015-present Chair, Department of Cancer Biology, *Thomas Jefferson University*

2015-present Enterprise Director, NCI-designated Sidney Kimmel Cancer Center, *Thomas Jefferson University & Jefferson Health (SVP level position)*

2019-present Executive Vice President of Oncology Services, *Jefferson Health (re-classification of previously held SVP service line leader position within Jefferson Health, resulting from Oncology Service Line expansion)*

2018-present Board of Scientific Advisors, National Cancer Institute (*non-compensated Special US Government employee)

AWARDS and HONORS

1989-present	Omicron Delta Kappa (National Leadership Honor Society)
1990	Undergraduate Fellowship, ABL-Basic Research Program, NIH/NCI-Frederick Cancer Research Center
1991-93	NIH Cell and Molecular Biology Training Grant CM07313
1993	Powell Foundation Fellowship Award
1994-96	NIH/NCI Basic Biochemical and Biological Mechanisms in Cancer Training Grant CA09345
1998	Postdoctoral Scholar Research Forum, Best presentation award
1998-2000	NIH/NCI National Research Service Award F32-CA82034
2005	YWCA Star Award (given by YWCA Academy of Career Women of Achievement)
2006	Society of Basic Urologic Research, Investigator Award
2009	Endocrine Society Laureate Award: Richard E. Weitzman Award
2011	Ron Ross Award, Pacific Rim Breast & Prostate Cancer Foundation
2012	Creighton University Distinguished Lecture
2012	Excellence in Mentoring Award, Thomas Jefferson University
2012-present	Hilary Koprowski Endowed Professorship, Thomas Jefferson University
2013	Wesibach Visiting Professorship in Oncology, University of Michigan
2014	Sophie Yen Award for Distinguished Training in Translational Research
2015	SWIU/Society for Basic Urologic Research Award for Excellence in Urologic Research
2016	Most Influential Leader Award, Diversity Council of Philadelphia
2016	Probstein Lectureship, Washington University School of Medicine
2016	Atlas Award, World Affairs Council
2017	Beau Biden Award (received on behalf of the Sidney Kimmel Cancer Center)
2019	Distinguished Lecture, Moffitt Cancer Center
2019	Leadership Award, Temple University Fox School of Business
2019	Distinguished Scholarship Award, Temple University Fox School of Business
2020	ASCO Advocacy Award, Senators Circle
2020	Healthcare Heroes Award, Teva Pharmaceuticals and the National Liberty Museum

PROFESSIONAL SERVICE & LEADERSHIP: *ONCOLOGY SOCIETIES*

American Association for Cancer Research (AACR):

American Association for Cancer Research (Associate Member, 1998-2000)
American Association for Cancer Research (Active Member 2000-present)
Annual Meeting Exhibits Committee, American Association for Cancer Research (member, 2008-11)
Awards Committee for the G.H.A. Clowes Memorial Award, AACR (member, 2010-12)
Awards Committee for the Outstanding Investigator in Cancer Research Award, AACR (member, 2010-12)
Chairperson of the Clinical Endocrinology Subcommittee of the Endocrinology Section of the 2011 AACR Program Committee (Chair, 2010)
Annual Meeting Communications Committee, AACR Annual Meeting (member, 2011-present)
Member, Molecular and Preclinical Endocrinology Subcommittee of the Endocrinology Section of the 2012 Program Committee, AACR Annual Meeting
Chair, Molecular and Preclinical Endocrinology Subcommittee of the Endocrinology Section of the 2013 Program Committee, AACR Annual Meeting
Member/Lecturer, Women in Cancer Research Mentoring Session, 2013 Annual Meeting
Chair, AACR Millennium Fellowship in Prostate Cancer Research Review Committee (2012-14)
Chair, Molecular and Preclinical Endocrinology Subcommittee of the Endocrinology Section of the 2014 Program Committee, AACR Annual Meeting
Speaker, Associate Member Council Professional Advancement Session, 2014 AACR Annual Meeting
Member, AACR Special Conferences Committee (2014-2016)
Member, AACR Science Policy and Governmental Affairs Committee (2014-2018)

- *Addressed US Senate Democratic Caucus on behalf of AACR in 2015*
- *Participant, Rally on the Hill (2015-19)*

Member, AACR Judging Panel for the June L. Biedler Prize for Cancer Journalism (2016)

Chair, Cell Growth Signaling Pathways Section of the Subcommittee of Molecular and Cellular Biology Subcommittee of the 2016 AACR Program Committee

Elected Member, Nominating Committee (2016-present); Chair of Nominating Committee (2017)

Member, AACR Margaret Foti Award for Leadership and Extraordinary Achievements in Cancer Research Award Committee (2016-17)

Member, Pezcoller Foundation-AACR International Award for Cancer Research Award Committee (2017)

Elected to Board of Directors (2019-2021)

Member, COVID Task Force (2020-present)

Organizing Committee, AACR COVID-19 and Cancer Conference (2020)

Vice Chair, AACR 2021 Annual Meeting Planning Committee (2020-21)

Association of American Cancer Institutes (AACI):

Annual Meeting Program Committee (2015-16, 2018-19, 2019-20)

Academic Difference Initiative Committee (2016-present)

Board of Directors (2016-present), Elected Position

President Elect (2018-2020)

President (2020-2022)

American Society for Clinical Oncology (ASCO):

American Society of Clinical Oncology (Active Member)

Faculty mentor, ASCO GU Fellows Program (2011, 2013, 2016, 2017, 2018, 2019, 2020)

Member, ASCO Special Awards Selection Committee (2019-present)

Program Steering Committee, GU-ASCO Annual Meeting (2015-2018)

* Chair, Advanced Prostate Cancer Track (2016-18)

Chair-Elect, ASCO-GU (2019)

Chair, ASCO-GU (2020)

Endocrine Society:

Endocrine Society (Active Member, 2004-present)

Faculty Lecturer, Endocrine Society Early Investigators Workshop (2012)

Research Affairs Core Committee, Basic Research Subcommittee, Endocrine Society (2010-13)

93rd Annual Meeting of The Endocrine Society, ENDO 2011, *ad hoc* reviewer

94th Annual Meeting of The Endocrine Society, ENDO 2012, *ad hoc* reviewer

Chair, 95th Annual Meeting of The Endocrine Society, "Genetic and Models of Prostate Cancer" session

Society for Basic Urologic Research (SBUR):

Society for Basic Urologic Research (Active Member, 2005-present)

Membership Committee, Society for Basic Urologic Research (member, 2009-2011)

Other Societies:

FASEB Excellence in Science Award Committee (2011-2013)

NATIONAL PROFESSIONAL SERVICE & LEADERSHIP: *FEDERAL & STATE AGENCIES, POLICY*

Department of Defense:

Department of Defense Breast Cancer Initiative, Endocrinology Study Section (Member, 2004-05)

Department of Defense Prostate Cancer Initiative, Endocrinology study section (Member, 2005-06, 2008, 2010)

NIH/NCI:

National Institutes of Health (NIH) Biochemical Endocrinology study section, (2003, Ad hoc)

NIH Cancer & Molecular Pathobiology study section, (Ad hoc 2004-05; Member 2006-2010)

NIH Cancer Prevention and Control, Special Emphasis Panel study section (Ad hoc 2006)

The Cancer Genome Atlas (TCGA, NCI), Liaison for the TCGA Executive Committee (2010)

NIH/NCI SPORE Review Committee, Prostate and Gastrointestinal Cancers (2012)

NIH/NCI Provocative Questions Review Committee, Special Emphasis Panel (2012)

Chair, NIH ZRG1 OBT M study section (2012)

Center for Translational Environmental Health Research (CTEHR) External Advisory Board, Texas (2012-present)

National Institutes of Health (NIH) Molecular Endocrinology (MCE) study section member (2012-present)

Chair, NIH ZRG1 OBT M study section (2013)

NIH/NCI SPORE Review Committee (2013)

NIH/NCI P30 (Cancer Center Support Grant) Review Committee (*ad hoc*, 2014)

Chair, NIH/NCI SPORE Review Committee (2014)

NIH/NCI IRG Subcommittee A CCSG review committee (*ad hoc*, 2013, full member since 2014-2018)

Chair: Karmanos Cancer Center CCSG review site visit (2016)

Chair: Yale Cancer Center CCSG review site visit (2018)

Chair: Memorial Sloan-Kettering Cancer Center CCSG review site visit (2018)

Chair: UC San Diego CCSG review site visit (2018)

Provocative NCI Questions Workshop Council (2014)

Co-Chair, NCI Prostate Cancer SPORE workshop (2016)

NCI Board of Scientific Advisors— (2018-present)

Policy:

National Cancer Policy Forum (Member, 2020-2022)

State Agencies:

INBRE Scientific Advisory Board, State of Delaware (Member, 2009-2014)

INTERNATIONAL PROFESSIONAL SERVICE & LEADERSHIP: *GOVERNMENTAL & FOUNDATION*

Australia:

Australian Prostate Cancer Research Centre, University of Adelaide (2008-10)

Pacific Rim Ross Award Selection Committee (2019)

Canada:

External Advisor, Terry Fox Project Program Grant submission, U. Toronto (2013)

European Union & Member Countries:

Foundation against Cancer, Belgium Grant Review Panel (Ad hoc 2006)

Austrian Science Fund Grant Review Panel (Ad hoc 2007)

Department of Urology, Innsbruck Medical University, Austria (External reviewer, 2009)

French National Cancer Institute (INCa) Review Panel (2010-11)

Department of Urology, Innsbruck Medical University, Austria (External reviewer, 2009)

French National Cancer Institute (INCa) Review Panel (2010-11)

Belgian Foundation against Cancer Review Panel (2010, 2013)

Italian Association for Cancer Research (2013-15)

Institut National du Cancer (France) External Reviewer (2019)

Wolfsberg Meeting on Molecular Radiation Biology, Selection Committee, Switzerland (2020)

European Union Cancer Research Review Panel Step 1 (LS4 Study section), Horizon 2020 (2017-2020)
European Union Cancer Research Review Panel Step 2 (LS4 Study section), Horizon 2020 (2018-2020)
Chair, European Union Cancer Research Review Panel Step 2 (LS4 Study section), Horizon 2020 (2021-2023)

United Kingdom:

Cancer Research UK Review Panel (Ad hoc 2010-17)
Movember Cancer Research UK London Center of Excellence, External Advisory Board (2016)

Other:

Jamaican Diaspora Cancer Awareness Group (Member, 2008-2009)
Israel Cancer Research Fund, Grant Review Panel (2012-16, 2019, 2020)

ADVISORY ROLES & LEADERSHIP: *NCI-DESIGNATED CANCER CENTERS*

NCI-designated Cancer Center External Advisory Boards:

Northwestern Lurie Cancer Center EAB (2015-present)
Wake Forest Cancer Center EAB (2015-present)
University of Texas Southwestern EAB (2017-present)
Dan L. Duncan Comprehensive Cancer Center at Baylor College of Medicine (2017-present)
Moffitt Cancer Center (2017-present)
Chair, St. Jude's Cancer Center (2017-2020 member; 2021-present Chair)
University of Alabama Birmingham (2017-present)
Vice Chair, University of Hawaii Cancer Center (2018-present)
Dana Farber Cancer Center (2017, 2020, *ad hoc*)
Chair, University of New Mexico Cancer Center (2019-present)
University of Virginia (2019-present)
University of Minnesota (2019-present)
Duke Cancer Center (2019-present)
University of Chicago Cancer Center (2019-present)
University of California at San Francisco (2019-present)

NCI-designated Cancer Center Program Advisory Boards:

University of California at San Francisco Prostate Cancer Program Advisory Board (2018-present)
University of California at San Francisco Breast Cancer Program Advisory Board (2020)
External Advisor, Hormone-Related Malignancies Program Retreat, Univ. Colorado Cancer Center (2012)
Ohio State Cancer Center Intramural Research Program Review (2013-18)
Washington University Cancer Center Pilot Grant Committee (2018-present)
Weill Cornell Cancer Center Pilot Grant Review Committee (2019-present)
University of California at San Diego Prostate Program Pilot Grant Review (2019-present)
University of California at San Francisco, Prostate Cancer Program Benioff Initiative (2019-present)

SPORE External Advisory Boards:

External advisory Committee, Johns Hopkins SPORE (2011)
University of Washington/Pacific Northwest Prostate Cancer SPORE EAB (2015-present)
University of California at San Francisco, Prostate Cancer SPORE submission EAB (2014-present)
Mock SPORE review committee, Karmanos Cancer Center SPORE application (2011)
Weill Cornell, Prostate Cancer SPORE External Advisory Board (2014-present)
Wistar Cancer Center Melanoma SPORE Advisory Board (2018-present)

Dana-Farber Cancer Center, Prostate Cancer SPORE External Advisory Board (2019-present)
University of Michigan, Prostate Cancer SPORE External Advisory Board (2019-present)
Duke Cancer Center, Prostate Cancer SPORE planning External Advisory Board (2019-present)
University of California at Los Angeles, Prostate Cancer SPORE External Advisory Board (2020-present)

P01 Advisory Boards:

Columbia NKX3.1/Prostate Cancer P01, PI: Shen (2015-17)
University of Rochester P01 submission (2013-15)

ADVISORY ROLES & LEADERSHIP: *NON-PROFIT CANCER FOUNDATIONS*

Prostate Cancer Foundation

Young Investigator Awards (2009-2012)
Creativity Award Review Panel (2011-2014)
Global Research Treatment Council (2013-2016)
PCF Women's Networking Conference, Co-Founder & Organizer (2016-present)
PCF Scientific Advisory Board (2020-present)

Other:

Stand Up to Cancer (SU2C)-PCF Joint Scientific Advisory Committee (2012-2015)
CPRIT Review Panel (2015-18)
Movember Centre of Excellence Review Committee, London (2016)
National Colorectal Cancer Prevention Foundation, Advisory Committee (2017-present)
External Advisory Board, University of Florida Cancer Center (2018-present)
Selection committee, 2019 Szent-Gyorgyi Prize for Progress in Cancer Research (2019, 2020)

ADVISORY ROLES & LEADERSHIP: *PHARMACEUTICAL & BIOTECHNOLOGY SECTOR*

Atrin:- Scientific Advisory Board (2016-present)
CellCentric:- Consultant, Cell Centric (2011-present)
Context Therapeutics: Scientific Advisory Board (2016-19)
Celgene:- *Ad hoc* Advisory Boards (2013, 2017, 2019)
Genentech: Scientific Advisory Board (2019-present)
Janssen:- *Ad hoc* Advisory Boards (2017, 2018, 2019)
Sanofi:- *Ad hoc* Advisory Boards (2013, 2016, 2017, 2019)

PEER-REVIEW & EDITORIAL LEADERSHIP: *PHARMACEUTICAL & BIOTECHNOLOGY SECTOR*

Ad hoc: *American Journal of Pathology, Biochemistry, British Journal of Pharmacology, Cell, Cancer Cell, Cancer Discovery, Cancer Research, Cell, Clinical Cancer Research, eLife Sciences, EMBO J., EMBO Molecular Medicine, Environmental Health Perspectives, European Urology, FASEB J., Gene, Journal of Biological Chemistry, Journal of Clinical Investigation, Journal of Endocrinology, Molecular & Cellular Biology, Molecular Cancer Research, Molecular Cancer Therapeutics, Molecular Cell, Endocrinology, Molecular Endocrinology, Nature, Nature Communications, Nature Medicine, New England Journal of Medicine, Nuclear Receptor Signaling Axis, Oncogene, PLOS One, Proc. Natl Acad. Sci., Reproductive Toxicology, Science, Science Translational Medicine, J Urology, Urologic Oncology*

Editorial Boards:

2005-07	Editorial Board, <i>Molecular Endocrinology</i>
2006-07	Editorial Board, <i>Endocrine Related Cancer</i>
2006-2015	Editorial Board, <i>Molecular Cancer Therapeutics</i>
2008-present	Editorial Board, <i>The Prostate</i>
2008-present	Editorial Board, <i>American Journal of Pathology</i>
2009-2013	Editorial Board, <i>Environmental Health Perspectives</i>
2010-2013	Editorial Board, <i>Molecular Endocrinology</i>
2013-present	Editorial Board, <i>American Journal of Clinical and Experimental Urology</i>

Editor positions:

2003-07	Associate Editor, <i>Cancer Research</i>
2007-2013	Associate Editor, <i>Endocrine Related Cancer</i>
2007-2013	Senior Editor, <i>Cancer Research</i>
2013-2016	Advisory Editor, <i>Endocrine Related Cancer</i>
2013-present	<i>Editor-in-Chief, Molecular Cancer Research</i>
2010-2016	Receiving Editor, <i>Oncogene</i>
2016-present	Associate Editor, <i>Oncogene</i>

ACADEMIC SERVICE: COMMITTEES

University of Cincinnati:

2002-2006	Graduate Program Director, Interdisciplinary Program in Cell & Cancer Biology, University of Cincinnati, College of Medicine
2002	Women's Health Initiative Breast Cancer Pilot Awards (2002-present)
2003-2005	Center for Environmental Genetics Pilot Awards (2003-present)
2002-05	Committee for Graduate Education
2005-06	Chair, Committee for Graduate Education
2002	Faculty representative, Liaison Committee on Medical Education (LCME) review
2002-03	Member, Millennium Research Planning Task Force
2003-08	Hormones in Cancer Working Group
2003-08	Prostate Cancer Working Group
2006-08	Hematology-Oncology Division Director Search Committee
2006-07	Search Committee, Chair of Molecular Genetics department
2006-08	Member, Executive Committee, NIEHS Center for Environmental Genetics
2006-08	Member, Physician Scientist Training Program Executive Board
2006-08	Vice Chair, Physician Scientist Training Program Promotions Committee
2007-08	Co-Chair, Cell & Cancer Biology Departmental Chair Search Committee
2007	Member, UC Barrett Cancer Center Pilot Grant Study Section

Thomas Jefferson University:

2007-present	Member, Sidney Kimmel Cancer Center
2007-2012	Member, EMHAC Program
2007-present	Director, Greater Philadelphia Prostate Cancer Working Group
2008-11	Member, Genetics PhD Program Graduate Committee
2008	Ad Hoc, REA grant proposal review committee
2009-12	Member, Committee on Faculty Affairs
2009-11	Member, Postdoctoral Advisory Committee
2008-11	Member, Giacchino Lecture Selection Committee
2010-2012	Admissions Committee, Biochemistry Graduate Program
2010-13	Basic Science Representative, Professorial Faculty Advisory Committee

2010	Department of Urology Dean's Review Committee
2013	Department of Surgery Dean's Review Committee
2013-present	Strategic Advisory Committee, Department of Medical Oncology
2017-present	Jefferson Diversity and Inclusion Committee
2019-2020	SKCC-Fox Chase Steering Committee
2020-present	JETT Strategy Committee

External/Inter-institutional:

2003	External Thesis Committee Member, laboratory of Dr. K. Burnstein, U. Miami School of Medicine
2004	External Thesis Committee Member, laboratory of Dr. M. Garabedian, NYU School of Medicine

PhD Thesis Committees (internal):

University of Cincinnati:

- Robyn Tharakan, laboratory of Dr. Sohaib Kahn
- Kelly Monk, laboratory of Dr. Nancy Ratner
- David Myer, laboratory of Dr. Peter Stambrook
- Molly McFarland, laboratory of Dr. Nira Ben-Jonathan
- Hasan Siddiqui, laboratory of Dr. Erik Knudsen
- Yuxin Feng, laboratory of Dr. Sohaib Khan
- Megan Thobe, laboratory of Dr. Susan Waltz
- Shikha Katri, laboratory of Dr. David Plas

Thomas Jefferson University:

- Chris Orr, laboratory of Dr. Diane Merry
- Kelly Bryant, laboratory of Dr. Michael Lisanti
- Ethan Abel, laboratory of Dr. Andrew Aplin
- Robyn Sussman, laboratory of Dr. Steve McMahon
- Lori Cooper, laboratory of Dr. Diane Merry
- Tamar Berger, laboratory of Dr. Diane Merry
- Timothy Stanek, laboratory of Dr. Steve McMahon

Faculty Mentoring (internal):

- Dr Marjaneh Razmara, Dept. of Pathology
- Dr Natalia Riobo, Dept. of Biochemistry and Molecular Biology
- Dr Jianqing Lin, Dept. of Medical Oncology
- Dr. Karen Bussard, Dept of Cancer Biology
- Dr Charnita Ziegler-Johnson, Dept of Medical Oncology
- Dr Veda Giri, Dr. of Medical Oncology
- Dr Sara Meyer, Dept of Cancer Biology
- Dr Elda Grabocka, Dept of Cancer Biology
- Dr Nicole Simone, Dept of Radiation Oncology
- Dr Robert Den, Dept of Radiation Oncology
- Dr Veronica Rodriguez-Bravo, Dept of Cancer Biology

ACADEMIC SERVICE: *TEACHING*

University of Cincinnati:

1999-2000	Lecturer, Seminar Redux Program, Dept. of Cell Biology
2000-2002	Lecturer, Graduate Cell II course Cell Cycle Component
2000-2002	Lecturer, Graduate Cell II course Nuclear Structure Component
2000-2007	Lecturer, Graduate Cancer Cell Biology Course Prostate Cancer Component
2004-2007	Lecturer, Graduate Cancer Cell Biology course; Cell Cycle Therapeutics Component,

2004-2007	Lecturer, Graduate Cancer Cell Biology course; Hormone Therapy Component
2000-2004	Director, Data Analysis and Grant Design (approximately 30 classes per year. Course was re-developed under my direction to focus on data analysis and grant design using innovative teaching strategies)
2001-2007	Teaching Staff, Medical Microanatomy, University of Cincinnati (approximately 25 contact hours/year)
2007-2008	Co-Director, Graduate Data Analysis and Grant Design course

Thomas Jefferson University:

2009-2010	Co-Director, Seminars in Genetics
2010	GE652, Molecular Basis of Cancer, Prostate Cancer Lecture
2008-present	Urology Grand Rounds, annual lecture, Advances in Understanding Basic Mechanisms of Prostate Cancer Progression
2008-present	Radiation Oncology Grand Rounds lecture, Androgen Action in Prostate Cancer
2008-2012	Co-Leader, Trainee Seminar Series, Greater Philadelphia Prostate Cancer Working Group

MENTORING: *CURRENT STUDENTS & FELLOWS*

TRAINEE	TRAINING TIME	POSITION	HONORS
Emanuela Dylgjeri	2014-present	Graduate Student	<ul style="list-style-type: none"> Fusion DNA Repair Meeting (2019), selected for short talk
Nicolas Gordon	2017-present	Medical Student	<ul style="list-style-type: none"> One year of full time research between Medical School years 2 & 3 Abstract presented, ASCO-GU 2019
Talya Laufer	2018-present	Medical Student	<ul style="list-style-type: none"> One year of full time research between Medical School years 2 & 3
Amy Mandigo	2015-present	Graduate Student	<ul style="list-style-type: none"> NIH Training Grant 2018 Fusion Nuclear Receptor Conference, selected for Short Talk Session Chair, 2019 International RB Meeting Oral presentation, AACR Prostate Cancer Conference (2020)
Ayesha Shafi PhD	2015-present	Postdoctoral Fellow	<ul style="list-style-type: none"> AACR Translational Cancer Workshop, 2016 PCF Young Investigator Award (2017-19) FEBS Nuclear Receptor Conference 2017, selected for Short Talk Fusion Nuclear Receptor Meeting, selected for short talk (2020)
Saswati (Sue) Shand PhD	2018-present	Postdoctoral Fellow	<ul style="list-style-type: none"> FEBS Nuclear Receptor Conference 2019, selected for Short Talk
Irina Vasilevskaya PhD	2019-present	Res. Assistant Professor	

MENTORING: *PREVIOUS STUDENTS & FELLOWS*

TRAINEE	PREVIOUS	HONORS WHILE IN THE KNUDSEN LAB	PRESENT POSITION
Michael Augello	2008-2014	<ul style="list-style-type: none"> NIH training grant (2008-09) 	Postdoctoral Fellow (Weill-Cornell)

		<ul style="list-style-type: none"> • DOD Predoctoral Fellowship • AACR Prostate Cancer Symposium Scholar-In-Training Award • Endocrine Society Best Poster Award, 2012 Annual Meeting 	
Sucharitha Balasubramanim	Graduate Student (2006-2013)	<ul style="list-style-type: none"> • DOD Predoctoral Fellowship • Oral Presentation, Great Lakes Nuclear Receptor Conference Sigma Xi Award 	Postdoctoral fellow (U. Penn)
Lisa Berman-Booty, DVM PhD	2013-2014	<ul style="list-style-type: none"> • K01 awardee 	Bristol-Myers Squibb, Lead Pathologist
Lucas Brand PhD	2015-19 Postdoctoral Fellow		AACR, Associate Editor
Craig Burd	Graduate Student (2002-2006)	<ul style="list-style-type: none"> • Ryan Fellowship • University Distinguished Graduate Award • NIEHS Molecular Carcinogenesis Training Grant • AACR Pathobiology of Cancer, Training Award • AACR Scholar in Training Award (to present at 2004 AACR Basic and Clinical Aspects of Prostate Cancer Meeting) • Keystone Scholarship (oral presentation at the 2005 Keystone Symposia on Hormonal Tumorigenesis) • Keystone Scholarship, 2006 Nuclear Receptor Symposium 	Assistant Professor (tenure track), Ohio State University
Clay Comstock	2008-2012 Postdoctoral Fellow, transition to Assistant Professor	<ul style="list-style-type: none"> • Oral Presentation, Great Lakes Nuclear Receptor Conference • DOD New Investigator Award 	Assistant Professor, Salish Kootenai College
Jeffrey Dean, PhD	2012-2015, Instructor		EPA, Senior Scientist
Renée de Leeuw PhD	2012-2018 Postdoctoral Fellow	<ul style="list-style-type: none"> • DOD Postdoctoral Fellowship • AACR Associate Member Council PCF Young Investigator Award 	Assistant Professor, University of Illinois Chicago
Robert Den, MD	2009-11 Radiation Oncology Fellow	<ul style="list-style-type: none"> • DOD Physician Scientist Award • Prostate Cancer Foundation Young Investigator Award 	Associate Professor (tenure track), Thomas Jefferson University
Jon Goodwin	2010-2015, Graduate Student	<ul style="list-style-type: none"> • DOD Predoctoral Fellowship • Travel Award, FEBS Nuclear Receptor Conference 2012 • Travel Award, FASEB Steroid Receptor Conference 2013 	Senior Scientist, Teva Pharmaceuticals

		<ul style="list-style-type: none"> • Travel Award, Keystone Nuclear Receptor Meeting 2014 • Talk: Keystone Nuclear Receptor Meeting 2014 • Yun Yun Distinguished Thesis Award 	
Janet Hess-Wilson (now Janet Anderson)	Graduate Student (2003-2007)	<ul style="list-style-type: none"> • Travel Award, AACR annual meeting • Travel Award, eHormone meeting 	Senior Associate at GSI Environmental Inc
Kevin Link	Graduate Student (2003-2007)	<ul style="list-style-type: none"> • Keystone Scholar Award (platform talk) • AACR Scholar Award (2 awarded) • AACR Pathobiology of Cancer Award • DOD Pre-doctoral Fellowship 	Senior Scientist, Cincinnati Children's Hospital
Thomas Marshall	Research Assistant (2001-2003)	Received PhD at UNC in 2009	Staff Scientist, Beckman Coulter Institute
Chris McNair PhD	Graduate Student, transition to Staff Scientist	<ul style="list-style-type: none"> • 2013 FEBS Nuclear Receptor Conference, platform talk & travel award • 2015 Keystone Nuclear Receptor Meeting, selected for Short Talk • 2016 AACR Cell Cycle Meeting, selected for short talk • 2017 AACR Prostate Cancer Meeting, selected for short talk 	<ul style="list-style-type: none"> • Assistant Professor of Cancer Biology and • Director, Bioinformatics, Sidney Kimmel Cancer Center
Nick Olshavsky	2006-2010	<ul style="list-style-type: none"> • Ryan Fellowship • NIEHS Training Grant 	Clinical Trial Manager, Medpace
Christin Petre (now Christin Burd)	Graduate Student (2000-2004)	<ul style="list-style-type: none"> • Ryan Fellowship • University Distinguished Graduate Award • CCF/Lerner Research Institute Graduate Award • Brigid G. Leventhal Scholar Award from AACR 	Assistant Professor (tenure track), Ohio State University
Lisa Morey	Postdoctoral Fellow 2005-2007	<ul style="list-style-type: none"> • NCI training grant 	Assistant Professor (tenure track), Canisius College
Matthew Schiewer PhD	2007-2019	<ul style="list-style-type: none"> • Postdoctoral Fellow transition to Instructor 	<ul style="list-style-type: none"> • NIEHS Molecular Carcinogenesis Training Grant • Best poster, Great Lakes Nuclear Receptor Symposium • DOD Predoctoral Fellowship • Oral Presentation, FEBS Nuclear Receptor Conference (Greece)

			<ul style="list-style-type: none"> • Oral Presentation, 2010 Keystone Nuclear Receptor Meeting • AACR Prostate Cancer Symposium Scholar-In-Training Award • Yu Yen Distinguished Thesis Award • Keystone Nuclear Receptor Meeting 2012, Travel Award • Oral Presentation, 2012 FASEB Steroid Receptor Meeting • Prostate Cancer Foundation Young Investigator Award <p>2015 Keystone Nuclear Receptor Meeting, selected for Short Talk</p>
Randy Schrecengost, PhD	2009-2013	<ul style="list-style-type: none"> • Travel Award, 2011 Endocrine Society Meeting • Travel Award, FEBS Nuclear Receptor Conference • DOD Postdoctoral Fellowship (declined) • NRSA Fellowship 	Assistant Professor, Franklin & Marshall University
Supriya Shah	2006-2012	<ul style="list-style-type: none"> • DOD Predoctoral Fellowship • Travel Award, NIEHS Symposium on Endocrine Disruption • Travel Award, Nutrition and Cancer Meeting 	Senior Scientist, Agilent Technologies
Ankur Sharma	Graduate Student (2005-10)	<ul style="list-style-type: none"> • DOD Predoctoral Fellowship • Oral Presentation, 2007 Endocrine Society Meeting • Keystone Scholarship Award, 2010 Keystone Nuclear Receptor Meeting 	Senior Scientist, Clinical Biomarkers at Biogen
Katherine Weaver	Research Assistant (2004-2006)	Subsequent degrees from University of Illinois, Chicago	Dietitian, West Suburban Medical Center
Siobhan Webb	2006-present	<ul style="list-style-type: none"> • Undergraduate Exchange Student (University of Bristol, England), full time 	Subsequently Received PhD from University of Bristol
Yelena Wetherill	Graduate Student (2000-2005)	<ul style="list-style-type: none"> • AACR Scholar in Training Award 	Business Development and Licensing, Strategic Alliances, Novartis
Wen-Shuz Yeow, PhD	2010-2011	<ul style="list-style-type: none"> • Research Assistant Professor 	Founder, Biotech company (The Green Cell)

INVITED LECTURES: *PRESENTATIONS & LEADERSHIP**

National/International Meetings

2002	Midwest Molecular Endocrinology Conference
2003	Jensen Symposium on Nuclear Receptors and Endocrine Disorders
2004	Session Chair, Keystone Nuclear Receptor Symposia
2004	American Society for Clinical Oncology (ASCO), 40 th annual meeting
2004	Society for Basic Urologic Research, 14 th annual meeting
2005	American Society for Clinical Oncology (ASCO), 41 th annual meeting
2005	ASCO/SBOC (Brazilian Society of Oncology) joint meeting, Rio de Janeiro
2005	Great Lakes Nuclear Receptor Symposium
2006	American Association for Cancer Research, annual meeting
2006	Keystone Symposium, Nuclear Receptors
2006	American Society for Clinical Oncology (ASCO), 42 nd annual meeting
2006	Pacific Rim Breast and Prostate Cancer Symposium, Australia
2006	Ipsen Foundation Meeting on Hormonal Control of the Cell Cycle, Paris
2007	Session Chair, Endocrine Society, annual meeting
2007	ASCO/Indian Society of Medical and Pediatric Oncology joint meeting, New Delhi
2007	Case Western Reserve Cancer Center Symposium "Signaling in Cancer"
2007	FEBS/EMBO Nuclear Receptor Workshop, Greece
2008	AbCam Nuclear Receptor Conference
2008	Keystone Symposium, Nuclear Receptors
2008	Endocrine Society, annual meeting
2008	Prostate Cancer Foundation, annual meeting
2009	Gordon Conference on Hormone Action
2009	FEBS Nuclear Receptor Workshop, Greece
2009	Society for Basic Urologic Research, annual meeting
2010	Keystone Nuclear Receptor Symposium (<i>*speaker and Co-Organizer</i>)
2010	FASEB Nuclear Receptor and Extranuclear Steroid Signaling Conference
2010	Androgens Meeting, Belgium
2010	NCI meeting on Androgen Receptor Signaling in Prostate Cancer: Translating Biology into Clinical Practice
2011	GU-ASCO (ASCO Genitourinary Cancers Symposium) meeting
2011	Gordon Conference on Hormone Action (<i>*Vice-Chair</i>)
2011	FEBS Nuclear Receptor Workshop, Greece
2011	Pacific Rim Breast and Prostate Cancer Symposium, Australia
2011	42nd Symposium of the Princess Takamatsu Cancer Research Fund in Tokyo, Japan
2011	Oncoforum Conference, Belgium
2012	Keystone Symposium, Nuclear Receptors
2012	Oslo Prostate Cancer Symposium (Norway)
2012	AACR Special Conference: Prostate Cancer (Speaker, Session Chair, Scientific Advisory Committee)
2012	AACR Annual Meeting (<i>*Speaker and Session Chair</i>)
2012	American Society of Andrology
2012	Endocrine Society, Annual Meeting
2012	FASEB meeting, Integration of Genomic & Non-Genomic Steroid Receptor Actions
2012	Endocrine Society of Australia Annual Meeting
2102	Reproductive Cancers Meeting, Australia
2012	Pro-Nest Conference, EAU Section of Urological Research Conference, France
2012	Cold Spring Harbor Nuclear Receptor Conference
2013	Gordon Conference on Hormone Action (<i>*Chair</i>)
2013	FEBS Nuclear Receptor Workshop, Greece
2013	GU-ASCO Annual Meeting

2013 Prouts Neck/Prostate Cancer Foundation Meeting on Prostate Cancer
2013 Cold Spring Harbor Banbury Conference on the INK4/ARF Locus
2013 Spanish Oncology Genito-Urinary Group annual meeting, Madrid
2014 Keystone Nuclear Receptor Meeting
2014 AACR-PCF Conference on Advances in Prostate Cancer Research
2014 1st Annual Summit on Practical and Emerging Agents in Prostate Cancer
2014 Cold Spring Harbor Laboratories Symposium on PARP
2014 PCF-University of Oslo Prostate Cancer Conference: From Bench to Clinic
2014 AACR Annual Meeting
2014 Prostate Cancer UK Forum
2014 Pezcoller Foundation Symposium on Cancer, Trento, Italy
2014 56th Annual ASTRO Meeting
2014 Cold Spring Harbor Laboratories Symposium: Nuclear Receptors & Disease (***Co-Chair**)
2014 National Cancer Research Institute Prostate Cancer Conference, Liverpool UK
2014 Prostate Cancer Foundation, Annual Retreat
2014 Society for Urologic Oncology, Annual Meeting (***Speaker and Session Chair**)
2015 Endocrine Society Meeting, Annual Meeting
2015 AACR Annual Meeting
2015 Exploring DNA Repair Pathways as Targets for Cancer Therapy Conference
2015 ASCO annual meeting
2015 FASEB Molecular and Systems Integration of Genomic and Nongenomic Steroid Hormone Action
2015 FEBS Nuclear Receptor Workshop, Greece
2015 EMBO Nuclear Receptor Conference
2015 14th International Wolfsberg-ESTRO Meeting in Molecular Biology/Oncology (Switzerland)
2015 Baylor-MD Anderson Joint Symposium
2015 B-Annual Pacific Rim Breast & Prostate Cancer Conference
2015 Global Prostate Summit on GU Malignancies
2016 Prostate Cancer Foundation Women's Networking Forum, (***Co-Founder & Organizer**)
2016 Keystone Nuclear Receptor Meeting (***Speaker and Co-Organizer**)
2016 AACR Cancer Cell Cycle Meeting (***Speaker and Co-Organizer**)
2016 GU-ASCO Annual Meeting
2016 CSHL PARP and Family Meeting
2016 Basser Center BRCA Symposium
2016 NCI Translational Science in Prostate Cancer SPORE Workshop (***Conference Co-Chair**)
2016 Department of Defense IMPACT meeting
2016 AACR DNA Repair Conference
2016 Sanofi Tour d'Europe Research Conference, London
2016 Association of American Cancer Institutes (AACI) annual meeting
2017 Lorne Cancer Conference, Australia
2017 Gordon Conference on Cell Growth & Proliferation
2017 Gordon Conference on Hormone Dependent Cancers
2017 FEBS Nuclear Receptor Workshop, Greece (***Speaker and Program Committee**)
2017 AACR Annual Meeting
2017 ASCO Annual Meeting
2017 AACR Translational Cancer Medicine Conference, Brazil
2017 GU-ASCO Annual Meeting (***Chair and Program Committee Leader, Advanced PCa track**)
2017 AACR Advances in Prostate Cancer Conference (***Speaker and Co-Organizer**)
2017 Prostate Cancer Foundation Retreat (***Speaker and Organizing Committee**)
2017 Prostate Cancer Foundation Women's Networking Forum, (**Organizer**)
2017 Sanofi, International Prostate Cancer Conference, Berlin
2017 Sanofi, European Advisory Board Meeting
2017 NCI Workshop on DNA Damage and Immunogenic Toxicity

2017 Association of American Cancer Institutes (AACI) annual meeting (**Lead Program Organizer & speaker**)

2017 European Personalized Medicine Congress, Belfast

2018 GU-ASCO Annual Meeting (***Chair and Program Committee Leader, Advanced PCa track**)

2018 AACR Annual Meeting

2018 National Cancer Institute Workshop: Molecular Basis of the BRCA phenotype

2018 Fusion Conference on Nuclear Receptors (***Speaker and Co-Organizer**)

2018 EMBO Nuclear Receptor Meeting, Greece

2018 Sanofi Prostate Cancer Conference, Amsterdam

2018 Dublin Steroid Cancer Conference

2018 Prostate Cancer Foundation Women's Networking Forum, (**Organizer**)

2019 AACI Annual Meeting

2019 Coffey-Holden Conference on Prostate Cancer

2019 Gordon Conference on Hormone-Dependent Cancers (***Keynote Speaker**)

2019 ASCO-Genitourinary Cancer Symposium (***Speaker & Program Chair-Elect**)

2019 FEBS Nuclear Receptor Workshop, Greece (***Speaker and Program Committee**)

2019 International RB Meeting (***Keynote Speaker**)

2019 Prostate Cancer Foundation Annual Retreat (***Speaker and Session Chair**)

2019 Prostate Cancer Foundation Women's Networking Forum, (***Keynote Speaker**)

2019 Healthcare 2030: Business Women's Association Meeting (***Keynote Speaker**)

2019 OnCode Conference, The Netherlands Cancer Institute, Amsterdam

2020 Fusion Conference on Nuclear Receptors (***Speaker and Co-Organizer**)

2020 ASCO-GU (***Speaker & Chair, Overall Meeting Organizer**)

2020 AACR Conference on Prostate Cancer (***Speaker and Co-Organizer**)

2020 Endocrine Society, Annual Meeting

2020 AACI Annual Meeting

2020 2nd International Prostate Cancer Consensus Conference, Philadelphia (***Speaker and Co-Organizer**)

2020 National Cancer Institute- NCI CCR Grand Rounds

2021 European Association of Urology Annual Meeting

2021 EMBO Nuclear Receptor Conference (Malta, Europe)

2021 ANZUP Annual Scientific Meeting on GU Cancers (Australia)

postponed National Symposium on Prostate Cancer (Clark-Atlanta University)

2021 Dublin Steroid Cancer Meeting (Ireland)

2021 FASEB Steroid Receptor Conference (Greece)

Academic Health Centers:

2002 Georgetown University, Lombardi Cancer Center

2002-2007 Annual Greater Cincinnati Prostate Cancer Forum

2002 University of Colorado Health Science Center

2002 University of Cincinnati, Radiation Oncology

2003 Georgetown University School of Medicine, Biochemistry

2003 University of New Mexico School of Medicine, Biochemistry

2003 University of Miami School of Medicine, Pharmacology

2003 University of Kentucky School of Medicine, Pharmacology

2003 University of Cincinnati, Pharmacology,

2004 Tulane School of Medicine, Cell Biology

2004 University of Virginia Cancer Center

2004 Indiana University School of Medicine, Biology

2005 Boston University School of Medicine, Genetics and Genomics

2005 Ohio State University, Comprehensive Cancer Center

2006 Moffitt Cancer Center

2006 Case Western Reserve
2006 NIEHS, Molecular Carcinogenesis
2006 University of North Carolina Lineberger Cancer Center
2006 University of Rochester, Urology
2005 University of Pittsburgh, Cancer Center
2007 Florida State University School of Medicine
2007 University of Southern California, Cancer Center
2007 University of Nebraska Comprehensive Cancer Center
2007 University of Pittsburgh, Pharmacology
2007 Kimmel Cancer Center/ Thomas Jefferson University
2007 University of Minnesota, Cancer Center
2007 Innsbruck Medical University, Austria
2008 University of Texas Southwestern, Medical Center, Cancer Center and Pharmacology
2008 Medical College of Wisconsin, Biochemistry
2008 University of Chicago, Cancer Center
2008 Karolinska Institute, Sweden (Novum Lecture)
2008 University of Kentucky, Urology & Biochemistry
2008 Lankenau Medical Research Institute, Pennsylvania
2008 Univ. of Pennsylvania School of Medicine, Institute for Diabetes, Obesity & Metabolism
2009 Mount Sinai School of Medicine, Oncological Sciences
2009 University of Toledo, Biochemistry and Oncological Sciences
2009 Mayo Clinic College of Medicine, Urology, Biochemistry and Molecular Biology
2009 University of Maryland, Pathology
2009 University of Delaware, Translational Cancer Research Meeting
2009 University of Delaware, Cancer Center
2010 University of California at Davis, Cancer Center
2010 NYU School of Medicine, Pharmacology
2010 MD Anderson Cancer Center, Smithville
2010 University of Wisconsin-Madison, Cancer Center
2010 Nemours, A.I. Dupont Hospital
2010 Temple University, Department of Biochemistry
2010 Cancer Institute of New Jersey, Cancer Center
2010 Dartmouth Medical School, Cancer Center Grand Rounds
2011 University of New Jersey School of Medicine, University Hospital
2011 University of Iowa, Cancer Center
2011 Mayo Clinic, Cancer Center
2011 Johns Hopkins, Cancer Center
2011 Wayne State University, Pathology
2011 University of Pennsylvania, CEET
2011 University of Miami, Cancer Center
2011 University of Connecticut, Cancer Center
2011 Roswell Park, Cancer Center
2012 Beth Israel Deaconess/Harvard, Hematology/Oncology Grand Rounds
2012 Creighton University Medical Center, Distinguished Lecturer
2012 University of Colorado School of Medicine, Cancer Center
2012 Fred Hutchison Cancer Research Center
2012 University of British Columbia, Prostate Center
2012 University of Colorado School of Medicine, Pharmacology
2012 University of Colorado School of Medicine, Hormone-Related Malignancies Retreat
2013 Baylor College of Medicine, Molecular & Cellular Biology
2013 Dana-Farber Cancer Institute
2013 UCSF Cancer Center

2013 University of Rochester School of Medicine, Pathology
2013 University of California Davis, Cancer Center
2013 Temple University, Fels Institute
2013 Philadelphia-Johns Hopkins University 1st annual Prostate Cancer Summit
2013 University of Michigan Cancer Center, **Wesibach Lectureship*
2013 Georgetown University, Lombardi Cancer Center
2014 Northwestern University, Tumor Cell Biology Seminar Series
2014 Cleveland Clinic, Prostate Cancer Seminar Series
2014 University of Texas Southwestern, Reproductive Biology Seminar Series
2014 Columbia University, Irving Cancer Center
2014 UCLA, Prostate SPORE Research Symposium and External Advisory Board Meeting (**Keynote Speaker*)
2014 University of North Carolina, Cancer Center
2014 Dana-Farber Cancer Center
2015 Virginia Commonwealth University, Cancer Center
2015 Johns Hopkins, Cancer Center
2015 Baylor, Cancer Center Program Retreat (**Keynote Speaker*)
2015 University of Pittsburgh, Cancer Center
2015 Medical University of South Carolina, Cancer Center
2015 Johns Hopkins University, Cancer Center
2015 Ohio State University, The James Cancer Center
2015 Yale Cancer Center
2015 University of Arkansas, Cancer Institute
2015 Fox Chase Cancer Center
2015 Lankenau Institute for Medical Research
2015 Wayne State/Karmanos Cancer Center
2016 University of Miami, Sylvester Cancer Center
2016 Wistar Cancer Institute
2016 Memorial-Sloan Kettering
2016 University of Cincinnati, College of Medicine
2016 Tulane University Cancer Center
2016 University of Pennsylvania, Abramson Cancer Center
2016 Van Andel Cancer Center Retreat, Keynote Speaker
2016 Dana-Farber Cancer Center
2016 UMC Utrecht Center for Molecular Medicine, Netherlands
2016 Karmanos Cancer Center, Keynote Speaker for KCI Retreat
2016 Roswell Park Cancer Center
2017 Washington University Siteman Cancer Center-- Probstein Lectureship
2017 Rutgers- Cancer Institute of New Jersey
2017 NKI- Netherlands Cancer Institute
2017 University of Virginia Cancer Center
2017 University of Florida Cancer Center, Distinguished Professorship
2017 Cancer Institute of New Jersey
2017 University of Minnesota Masonic Cancer Center
2017 Princess Margaret Cancer Center, Toronto
2017 University of Vermont Cancer Center
2018 University of Pennsylvania Cancer Center
2018 Winship Cancer Institute, Emory
2018 Case Cancer Center
2018 Duke Cancer Center
2018 Duncan Cancer Center, Baylor
2018 U. Chicago Cancer Center
2018 Memorial-Sloan Kettering Cancer Center

2018 Moffitt Cancer Center
 2019 University of Kansas Cancer Center
 2019 Purdue Cancer Center
 2019 Cold Spring Harbor Cancer Center
 2019 University of Pennsylvania, Basser Center for BRCA
 2019 George Washington University Cancer Center
 2020 Penn State Cancer Center
 2020 University of California San Francisco Cancer Center, Breast Cancer Program Retreat
 2020 National Cancer Institute Grand Rounds (NIH/NCI)
 2020 University of Pittsburgh Cancer Center Annual Retreat, Keynote Speaker
 2020 Weill-Cornell Cancer Center, Grand Rounds
 2020 Princess Margaret Cancer Center (Canada)
 2021 Mt. Sinai Cancer Center
 2021 University of Colorado Cancer Center
 2021 Case Western Cancer Center
 2021 University of Pittsburgh Cancer Center annual retreat, Keynote Speaker

Pharmaceutical & Biotechnology:

2013 Oncovoda, Cancer Research Center, Distinguished Speaker
 2013 Millennium: the Takeda Oncology Company, Grand Rounds
 2015 Celgene Advisory Committee
 2014 AbbieVie Pharmaceuticals
 2016 Sanofi-Genzyme Biomarker Conference
 2017 Sanofi-Genzyme Conference, Barcelona
 2017 Janssen Pharmaceuticals, Springhouse
 2018 Sanofi-Genzyme Conference, Amsterdam
 2018 Genentech
 2018 Janssen Pharmaceuticals, Springhouse
 2019 Celgene CRPC Advisory Committee, San Francisco
 2019 Personalized Medicine Coalition Conference, Boston

Healthcare:

2019 Healthcare Business Association, Philadelphia
 2020 World Economic Forum, San Francisco

PEER-REVIEWED PUBLICATIONS

(in chronological order, "***" indicates previous name):

1. Wagner, H.B, and **Long, K.E.***** (1991) Allelopathic effects of *Osmunda cinnamomea* on three species of Dryopteris. *American Fern Journal* **81**, 134-138.
2. **Long, K.E.*****, Sunnerhagen, P., and Subramani, S. (1994) The *Schizosaccharomyces pombe rad1* gene consists of three exons and the cDNA sequence is partially homologous to the *Ustilago maydis REC1* cDNA. *Gene* **148**, 155-159.
3. Kanter-Smoler, G., **Knudsen, K.E.**, Jimenez, G., Sunnerhagen, P., and Subramani, S. (1995) Separation of phenotypes in mutant alleles of the *Schizosaccharomyces pombe* cell-cycle checkpoint gene *rad1*. *Mol. Biol. Cell* **6**, 1793-1805.

4. **Knudsen, K.E.**, Knudsen, E.S., Wang, J.Y.J., and Subramani, S. (1996) p34^{cdc2} kinase activity is maintained upon activation of the replication checkpoint in *Schizosaccharomyces pombe*. *Proc. Natl. Acad. Sci.* **93**: 8278-8283.
5. Bryk, M., Banerjee, M., Murphy, M., **Knudsen, K.E.**, Garfinkel, D.J., and Curcio, M.J. (1997) Transcriptional Silencing of Ty1 Elements in the RDN1 Locus of Yeast. *Genes Dev.* **11**: 255-269.
6. Kostrub, C.F., **Knudsen, K.E.**, Subramani, S., and Enoch, T. (1998) Hus1p, a conserved fission yeast checkpoint protein, interacts with Rad1p and is phosphorylated in response to DNA damage. *EMBO J.* **17**(7): 2055-2066.
7. Knudsen, E.S., Pazzagli, C., Born., T., Bertolaet, B., **Knudsen, K.E.**, Arden, K.C., Henry, R., and Feramisco, J.R. (1998) Elevated levels and activities of CDK/Cyclins in the embryonal rhabdomyosarcoma. *Cancer Research* **58**: 2042-2049.
8. **Knudsen, K.E.**, Arden, K.C., and Cavenee, W.K. (1998) Multiple G1 regulatory elements control the androgen-dependent proliferation of prostatic carcinoma cells. *J. Biol. Chem* **273**: 20213-20222.
9. Lenormand, J.L., Dellinger, R.W., **Knudsen, K.E.**, Subramani, S., and Donoghue, D.J. (1999) Speedy: a Novel Cell Cycle Regulator of the G2/M transition. *EMBO J.* **18**: 1869-1877.
10. **Knudsen, K.E.**, Cavenee, W.K., and Arden, K.C. (1999) D-type cyclins complex with the androgen receptor and inhibit its transcriptional transactivation activity. *Cancer Research.* **59**: 2297-2301.
11. **Knudsen, K.E.**, Fribourg, A.F., Strobeck, M., Blanchard, J.M. and Knudsen, E.S. (1999). Cyclin A is a critical downstream target of RB-mediated G1 arrest. *Journal of Biological Chemistry*, 274: 27632-27641.
12. **Knudsen, K.E.**, Weber, E., Arden, K.C., Cavenee, W.K., Feramisco, J., and Knudsen, E.S. (1999). The retinoblastoma tumor suppressor inhibits cellular proliferation through two distinct mechanisms: inhibition of cell cycle progression and induction of cell death. *Oncogene*, 18: 5239-5245.
13. Fribourg, A.F., **Knudsen, K.E.**, Lindhorst, C.M., and Knudsen E.S. (2000). Differential requirements for Ras and RB in the androgen dependence of prostatic adenocarcinoma cells. *Cell Growth and Differentiation* 11: 361-372.
14. Strobeck, M.W., **Knudsen, K.E.**, Fribourg, A.F., Weissman, B.E., Imbalzano, A., and Knudsen, ES. Brg-1 is required for RB-mediated cell cycle arrest (2000). *Proceedings of the National Academy of Science USA.* 97: 7748-7753.
15. **Knudsen, K.E.**, Booth, D., Sever-Chroneos, Z., Hutton, I., Feramisco, J.R., Wang, J.Y.J., and Knudsen, E.S. (2000) RB is required for cisplatin-mediated inhibition of DNA replication. *Molecular and Cellular Biology* 20: 7751-7763.
16. Sever-Chroneos, Z., Angus, S., Fribourg, A.F., Todorov, I., **Knudsen, K.E.**, and Knudsen, E.S. (2001) RB signals through inhibition of CDK2 activity to disrupt PCNA function in S-phase. *Molecular and Cellular Biology*, 21: 4032-45.
17. Petre, C.E., Wetherill, Y.B., Danielsen, M. and **Knudsen, K.E.** (2002) Cyclin D1: mechanism and consequence of androgen receptor co-repressor activity. *J. Biol. Chem.* 277:2207-15.
18. Strobeck, M.W., Reisman, D.N., Gunawardena, R.W., Betz, B.L., Angus, S. P., **Knudsen, K.E.**, Kowalik, T.F., Weissman, B.E., and Knudsen, E.S. (2002) Compensation of BRG-1 function by Brm: insight into the role of the core SWI-SNF subunits in retinoblastoma tumor suppressor signaling. *J Biol Chem.* Feb 15;277(7):4782-9.
19. Wetherill, Y.W., Petre, C., Monk, K., Puga, A., and **Knudsen, K.E.** (2002) The Xenoestrogen bisphenol A induces inappropriate androgen receptor activation and mitogenesis in prostatic adenocarcinoma cells. *Molecular Cancer Therapeutics*, 1: 515-524.
20. Petre-Draviam, C.E., Cook, S.L., Burd, C.J., Marshall, T.W., Wetherill, Y.B., and **Knudsen, K.E.** (2003) Specificity of Cyclin D1 on AR activity: implications for prostate cancer progression", *Cancer Research*, 63(16):4903-13.
21. Marshall, T.W., Link, K., Weissman, B., and **Knudsen, K.E.** (2003) Differential requirement of SWI/SNF for androgen receptor activity, *J. Biol. Chem.*, 278(33):30605-13.
22. Barnes-Ellerbe, S., **Knudsen, K.E.**, and Puga, A. (2004). TCCD blocks androgen dependent cell proliferation in LNCaP cells through modulation of RB phosphorylation, *Mol. Pharmacol.*, 66(3):502-11.
23. Petre-Draviam, C.E., Burd, C.J., Williams, E., Gladden, A., Diehl, J.A., and **Knudsen, K.E.** (2005) The central domain of cyclin D1 encodes a nuclear receptor co-repressor motif. *Oncogene*, Jan 13;24(3):431-44.

24. Wetherill, Y.B., Fisher, N.L., Staubach, A., Danielsen, M., deVereWhite, R.W., and **Knudsen, K.E.** (2005) Xenoestrogen action in prostate cancer: pleiotropic effects dependent on androgen receptor status. *Cancer Research*, Jan 1;65(1):54-65. * featured as a cover article
25. Burd, C.,J., Petre-Draviam, C.E., Moghadam, H., Wilson, E.M., and **Knudsen, K.E.** (2005) Cyclin D1 binding to the androgen receptor N-terminal domain inhibits AF2 association and reveals dual roles for AR co-repression, *Molecular Endocrinology*, Mar;19(3):607-20.
26. Link, K.L., Burd, C.J., Williams, E., Marshall, T., Rosson, G., Henry, E., Weissman, B., and **Knudsen, K.E.** (2005). Baf57 governs androgen receptor action and androgen dependent proliferation through SWI/SNF. *Molecular and Cellular Biology*, Mar;25(6):2200-15.
27. **Knudsen, K.E.**, Diehl, J.A., Haiman, C.A., and Knudsen, E.S. (2006) Cyclin D1: polymorphism, aberrant splicing and cancer risk. *Oncogene*, 25(11):1620-8.
28. **Knudsen, K.E.** (2006) The cyclin D1b splice variant: an old oncogene learns new tricks. *Cell Division*, 1:1-15.
29. Hess-Wilson, J. and **Knudsen, K.E.** (2006) Endocrine disrupting compounds and prostate cancer. *Cancer Letters*, 241(1):1-12.
30. Knudsen, E.S. and **Knudsen, K.E.** (2006) Retinoblastoma tumor suppressor: where cancer meets the cell cycle. *Exp Biol Med* 231(7)1271-81.
31. Burd, C.J., Morey, L.M. and **Knudsen, K.E.** (2006) Androgen receptor corepressors and prostate cancer. *Endocrine Related Cancer*, 13(4):979-94.
32. Hess-Wilson, J., Boldison, J., Weaver, K.E., and **Knudsen, K.E.** (2006) Xenoestrogen action in breast cancer" impact on ER-dependent transcription and mitogenesis. *Breast Cancer Research and Treatment*, 96(3):279-92.
33. Burd, C.J., Petre, C.E., Morey, L.M., Wang, Y., Revelo, M.P., Haiman, C.A., Lu, S., Fenoglio-Preiser, C.M., Li, J., Knudsen, E.S., Wong, J., and **Knudsen, K.E.** (2006) The cyclin D1b variant influences prostate cancer growth through aberrant AR regulation. *Proc. Natl. Acad. Sci.*, 103(7): 2190-5.
34. Wetherill, Y.B., Hess-Wilson, J., Comstock, C.E.S., Shah, S.A., Buncher, C.R., and **Knudsen, K.E.** (2006) Bisphenol A facilitates bypass of androgen ablation therapy in prostate cancer. *Molecular Cancer Therapeutics*, 5(12):3181-90.
35. Hess-Wilson, J.K., Daly, H.K., Zagorski, W.A., and **Knudsen, K.E.** (2006) Mitogenic action of the androgen receptor sensitizes prostate cancer cells to cytotoxic insult. *Cancer Research*, 66(24):11998-2008.
36. Comstock, C.E. and **Knudsen, K.E.** (2007) The complex role of AR signaling after cytotoxic insult: implications for cell cycle based chemotherapeutics. *Cell Cycle*, 6(11):1307-13.
37. Bosco, E.E., Wang, Y., Xu, H., Zilfou, J.T., **Knudsen, K.E.**, Aronow, B.J., Lowe, S.W. and Knudsen, E.S. (2007) The retinoblastoma tumor suppressor modifies the therapeutic response of breast cancer. *J. Clinical Investigation*, 117(1):218-228.
38. Comstock, C.E., Revelo, M.P., Buncher, C.R., and **Knudsen, K.E.** (2007) Impact of differential cyclin D1 localization and expression in prostate cancer. *British Journal of Cancer*, Mar 26;96(6):970-9.
39. Sharma, A., Berrera, J., Knudsen, E.S., Morey, L.M., Hess-Wilson, J.K., and **Knudsen, K.E.** (2007) RB status is a critical determinant of therapeutic response in prostate cancer. *Cancer Research*, 67(13):6192-203.
40. Vom Saal et al. (2007) Chapel Hill bisphenol A expert panel consensus statement: Integration of mechanisms, effects in animals and potential to impact human health at current levels of exposure. *Reprod Toxicol.*, 24(2):131-8.
41. Keri, RA, Ho, SM, Hunt, PA, **Knudsen, KE**, Soto, AM, and Prins, GS (2007) An Evaluation of Evidence for the Carcinogenic Activity of Bisphenol A. *Reprod. Tox.*, 24(2):240-52.
42. Hess-Wilson, JK, Webb, SL, Daly, HK, Boldison, J, Comstock, CES, Martor, MA, Ho, SM, and **Knudsen, KE** (2007) Unique bisphenol A transcriptome in prostate cancer: novel effects on ER β expression that correspond to AR mutation status. *Environmental Health Perspectives*, 115(11):1646-53.

43. Balk, S.P. and **Knudsen, K.E.** (2007) AR, the cell cycle, and prostate cancer. *Nuclear Receptor Signaling Axis (NURSA) Journal*, Feb 1;6:e001.
44. Olshavsky, N., Groh, E., Burd, CJ, Morey, L., Comstock, CE, Wang, Y, Revelo, MP, and **Knudsen, KE** (2008) Cyclin D3 impact on androgen signaling and prostate cancer, *Oncogene*.27(22):3111-21.
45. Shah, S, Hess-Wilson, JK, Webb, S, Daly, H, Godoy-Tundidor, S, Kim, J, Boldison, J, Daaka, Y, and **Knudsen, KE** (2007) DDE utilizes both MAPK and AR signaling to induce cellular proliferation, *Molecular Cancer Research*, Sep;6(9):1507-20.
46. Link., K.L., Comstock, C.E., Balasubramaniam, S., Powers, N., Cao, K.H., Haelens, A., Claessnes, F., Revelo, M.P., and **Knudsen, KE** (2008) Targeting the BAF57 SWI/SNF subunit in prostate cancer: mechanism and consequence for androgen receptor signaling, *Cancer Research* 68(12):4551-8.
47. Shah, S, Hess-Wilson, JK, Webb, S, Daly, H, Godoy-Tundidor, S., Kim, J., Boldisonm J, Daaka, Y, and **Knudsen, KE** (2008) 2,2-bis(4-chlorophenyl)-1,1-dichloroethylene stimulated androgen independence in prostate cancer cells through combinatorial activation of mutant AR and mitogen-activated protein kinase pathways. *Molecular Cancer Research*, 6(9):1507-20.
48. Wang, Y, Daan, JL, Millar, EK, Tran, TH, McNeil, CM, Burd, CJ, Henshall, SM, Utama, FE, Witkiewicz, A, Rui, H, Sutherland, RL, **Knudsen, KE**, and Knudsen, ES (2008) Cyclin D1b is aberrantly regulated in response to therapeutic challenge and promotes resistance to estrogen antagonists. *Cancer Research* 68(14): 5628-38.
49. Knudsen ES and **Knudsen KE** (2008) Tailoring to RB: impact of tumor suppressor status on therapeutic response. *Nature Reviews Cancer*, 2008 Sep;8(9):714-24.
50. Shen, H., Powers, N, Saini, N, Comstock, CES, Sharma, A, Weaver, K, Revelo, MP, Gerald, W, Williams, E, Jessen, WJ, Aronow, BJ, Rosson, G, Weissman, B, Yaniv, M, Muchardt, C, and **Knudsen, KE** (2008) The SWI/SNF ATPase Brm is a gatekeeper of proliferative control in prostate cancer, *Cancer Research*, Dec 15;68(24):10154-62. ***selected for cover and Highlights section**
51. Schiewer, MJ, Morey, LM, Burd, CJ, Liu, Y, Merry, DE, Ho, S-K, and **Knudsen, KE** (2009) Cyclin D1 repressor domain mediates proliferation and survival in prostate cancer. *Oncogene* 19;28(7):1016-27.
52. Millar, EKA, Dean, JL, McNeil, CM, O'Toole, SA, Henshall, SM, Tran, T, Lin, J, Witkiewicz, A, Musgrove, EA, Rui, E, Haiman,C, **Knudsen, KE**, Sutherland, RL, and Knudsen, ES (2009) Cyclin D1b is an independent marker of poor prognosis in breast cancer., *Oncogene*. Apr 16;28(15):1812-20.
53. Comstock, CES, Augello, MA, PeBenito, R, Karch, J, Tran TH, Utama, FE, Tindall, EA, Wang, Y, Burd, CJ, Groh, EM, Hoang, HN, Giles, GG, Severi, G, Hayes, VM, Henderson, BE, Le Marchand, L, Kolonel, LN, Haiman, CA, Baffa, R., Gomella, LG., Knudsen, ES, Rui, H, Henshall, SM, Sutherland, RL and **Knudsen, KE** (2009) Cyclin D1 splice variants: polymorphism, risk, and isoform specific regulation in prostate cancer. *Clinical Cancer Research* 15(17): 5338-49. *** selected as the cover article**
54. **Knudsen, KE** and Scher, HI (2009) Starving the addiction: new opportunities for durable suppression of AR signaling in prostate cancer. *Clin Canc Res* 15(15):4792-8.
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Book chapters:

1. **K. Knudsen**, A.F. Fribourg, C. Petre, and Wetherill, Y. (2002) Androgen dependent regulation of the G-1S phase transition. *Steroid hormones and Cell Cycle Regulation*. Edited by K. Burnstein, Kluwer Academic Publishers, Norwell, Massachusetts, pp 91-111.
2. CJ Burd, Comstock, C, and **K. Knudsen** (2008) *The physiology and pathobiology of the androgen receptor: what has been learned through gene expression profiling*. Book Chapter, Section edited by Drs. Bruce Aronow and Stuart Handwerger., in press.
3. **Knudsen, K.E.**, Comstock, C.E.S., Olshavsky, N.A., and Sharma, A. (2008) Androgen mediated control of the cyclin D1-RB axis: implications for prostate cancer. *Hormonal Control of the Cell Cycle*. Edited by Drs. S. Melmed, H. Rochefort, P. Chanson, and Y. Christen. Publishers: Springer Press, Berlin Heidelberg New York, in press.
4. Schrecengost, RS, Augello, MA, and **Knudsen KE** (2012) Androgen receptor Regulation of Prostate Cancer Progression and Metastasis. *Signaling Pathways and Molecular Mediators in Metastasis*. Springer Publications.
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7. Schiewer MJ and **Knudsen KE** (2019) DNA damage response in prostate cancer. *Prostate Cancer*. Cold Spring Harbor Perspectives in Medicine.

CLINICAL TRIAL DEVELOPMENT & LEADERSHIP

1. *“Phase 1b trial of enzalutamide in combination with radiation therapy and LHRH agonist therapy in the management of intermediate and high-risk prostate cancer”* Protocol # 13P.461, Supported by Medivation: (PI: Robert Den, **Co-Investigator: Knudsen**)
2. *“Randomized phase IB/II study of Abiraterone Acetate with and without LEE011 in patients with metastatic castrate resistant, chemotherapy naïve prostate cancer that retains RB expression”*
Supported by Novartis (PI: Kelly; **Co-Investigator, Knudsen**)
3. *“An Exploratory Randomized Phase II Multicenter Trial of Abiraterone Acetate with or without Cabazitaxel in the Treatment of Metastatic Castration Resistant Prostate Cancer”*
Supported by Sanofi (PI: Slovin, MSKCC; Co-PI, Kelly, TJU; **Co-Investigator, Knudsen**)
4. *“A Phase 1b study combining the DNAPK inhibitor CC-115 with Enzalutamide”*; (PI: Dana Rathkopf, MSKCC, co-I: Karen Knudsen, Felix Feng)
5. *“A Randomized Gene Fusion Stratified Phase II Trial of Abiraterone With or Without ABT-888, for Patients with Metastatic Castration-Resistant Prostate Cancer” (NCT01576172)* (PI: M Hussain, co-I: KE Knudsen)
6. *“RA-PARP: A phase 1 study combining alparadin with niraparib”*; (PI: WK Kelly; co-PI: KE. Knudsen)

RESEARCH SUPPORT

Ongoing Research Support:

P30 CA05560 (PI: Knudsen)

Translational Research in Cancer (CCSG)

To support the cancer research activities of the Sidney Kimmel Cancer Center in order to increase the survival and quality of life of cancer patients by translating basic research discoveries into new strategies to prevent, diagnose, monitor and cure human cancer.

R01 CA217329 (PI: Karen Knudsen; 2nd PI: Kelly)

08/01/17-31/07/22

Targeting cell cycle alterations to improve treatment for advanced prostate cancer. The goal of this project is to examine translate knowledge of cell cycle alterations into clinical investigation.

1 R01 CA176401 (PI: Knudsen)

01/31/14-01/01/21 * in No Cost Extension

RB Function in Prostate Cancer Progression

R01 CA182569 (PI: Knudsen, 2nd PI: McMahon)

7/1/15-6/30/20 * in No Cost Extension

USP22 Function in Advanced Prostate Cancer

Prostate Cancer Foundation Challenge Award (PI: Karen Knudsen)

10/01/12-present

Impact of DNA repair defects on management of advanced prostate cancer.

Past Research Support (last 5 years):

R01 CA159945 (PI: Karen Knudsen)

03/01/12-02/28/17

SWI/SNF dysregulation in development and disease. The goal of this project is to examine the impact of SWI/SNF function in prostate growth and development.

Movember-Prostate Cancer Foundation Award (PI: Maha Hussain, U. Michigan, co-PIs: Karen E. Knudsen and Felix Y. Feng)

10/01/13-9/30/16 \$500,000 direct/year

Co-targeting the cell cycle and androgen signaling axis via CDK4/6 inhibition: a novel paradigm for treating metastatic hormone sensitive prostate cancer

Evans Foundation Award (PI: Feng, co-PIs Karen Knudsen and Scott Tomlins)

12/01/13-12/31/16 \$500,000 direct/year

Targeting DNA Repair Alterations To Improve Treatment for Advanced Prostate Cancer

Celgene (PI: Knudsen)

11/01/2013-12/31-2016

Pre-clinical assessment of DNAPK inhibitors in advanced prostate cancer

Novartis (PIs: Knudsen & JA Diehl)

7/01/2015-12/30/16

Mechanisms of resistance to CDK4 inhibitors

Prostate Cancer Foundation Challenge Award (PIs: G. Palapattu & Karen Knudsen)

10/01/12-2020

Testing targeted NK Cells (TaNKs) in Prostate Cancer

Prostate Cancer Foundation Challenge Award (PI: Kevin Kelly, R. Den & Karen Knudsen)

10/01/12-2018

Optimizing First Line Treatment for Men with Castrate Resistant Prostate Cancer