

ULLA M. HANSEN

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CURRENT RESEARCH FOCUS AREA:

Molecular pathways that regulate key mammalian cell cycle transitions and translation of this knowledge to treatment of cancer. In particular, regulation of multiple cell cycle transitions by the transcription factor LSF and development of novel chemotherapeutics for treatment of hepatocellular carcinoma, colorectal cancer, and other LSF-mediated cancers.

EDUCATION

1974 A.B. Oberlin College (Chemistry)
 1980 Ph.D. Harvard University (Biochemistry and Molecular Biology)
 Laboratory of William R. McClure

POSTDOCTORAL TRAINING

1980-1982 Postdoctoral Fellow (Biology), Massachusetts Institute of Technology
 Laboratory of Phillip A. Sharp

ACADEMIC APPOINTMENTS

1983-1988 Assistant Professor of Pathology, Harvard Medical School
 1988-1990 Assistant Professor of Microbiology and Molecular Genetics,
 Harvard Medical School
 1991-1997 Associate Professor of Microbiology and Molecular Genetics,
 Harvard Medical School
 1998-2020 Professor, Department of Biology, Boston University
 2020- Professor Emerita, Department of Biology, Boston University
 1998-2020 Faculty member, Graduate Program of Molecular Biology, Biochemistry,
 and Cell Biology (MCBB), Boston University
 1998-2020 Faculty member, Program in Bioinformatics, Boston University
 2004-2006 Visiting Professor, Department of Medicine, Tufts Medical School
 2007-2011 Associate Chair, Department of Biology, Boston University
 2008-2019 Director and Professor (joint programmatic appointment), Graduate Program of
 Molecular Biology, Biochemistry, and Cell Biology (MCBB), Boston Univ.
 2015-2020 Professor, Program of Biochemistry and Molecular Biology (joint programmatic
 appointment), Boston University [BA and BA/MA-degree granting program]
 2015-2020 Professor, Nanotechnology Innovation Center, Boston University
 2016-2020 Member, BU-BMC Cancer Center, Boston University
 2016-2020 Affiliated Faculty Member, BU-CMD (Center for Molecular Discovery)

OTHER PROFESSIONAL POSITIONS

1972 Summer Undergraduate Researcher, National Science Foundation,
 Oberlin College, Oberlin, OH, Laboratory of William H. Fuchsman
 1972-1974 Teaching Assistant, Oberlin College, Oberlin, OH
 Introductory Chemistry, Organic Chemistry
 Laboratory Assistant, Oberlin College, Oberlin, OH
 Introductory Chemistry, Advanced Freshman Chemistry

- 1973 Summer Student Trainee, Atomic Energy Commission, Iowa State University,
Ames, Iowa, Laboratory of John D. Corbett
- 1975-1977 Teaching Assistant, Harvard University, Cambridge, MA
Structure and Function of Proteins and Nucleic Acids (graduate-level)
- 1983-1991 Chief, Laboratory of Eukaryotic Transcription, Dana-Farber Cancer Institute
- 1991-1997 Principal Investigator, Division of Molecular Genetics,
Dana-Farber Cancer Institute
- 1983-1997 Member, Committee on Virology, Harvard Medical School
- 1984-1993 Member, Program in Genetics, Harvard Medical School
- 1992-1995 Consultant, Sandoz Pharmaceuticals Corporation
- 1998-2000 Consultant; Marshall, O'Toole, Gerstein, Murray & Borun, Attorneys at Law
- 2017-2023 Chief Scientific Officer and Co-founder, Lamerigen, Inc.

AWARDS AND HONORS

- 1973 Phi Beta Kappa, Oberlin College
- 1974 Harry Nichols Holmes Award for excellence in chemistry,
Oberlin College Chemistry Department
- 1975-1978 Predoctoral Fellowship, Camille and Henry Dreyfus Foundation, Inc.
- 1978-1980 NIH Predoctoral Trainee, Harvard University
- 1980-1982 Postdoctoral Fellowship, Jane Coffin Childs Memorial Fund for Medical Research
- 1984-1986 Basil O'Connor Starter Scholar, March of Dimes Birth Defects Foundation
- 1986-1988 Junior Faculty Research Award, American Cancer Society, Inc.
- 1992-1997 Faculty Research Award, American Cancer Society, Inc.
- 2004-2006 Ruth L. Kirschstein Senior Fellowship Award, NIH
- 2007 Honorary Inductee, Phi Beta Kappa, Boston University
- 2020 Dean's Award for Excellence in Graduate Education,
College of Arts and Sciences, Boston University

SERVICE: International, National, and Regional

- 1984-2019 Reviewer for National Science Foundation grant applications
- 1996, 2001 Reviewer for The Israel Science Foundation grant application
- 2001 Reviewer for proposals for the Ohio Board of Regents

- 1985-2022 Referee for scientific journals:
Molecular and Cellular Biology, Nature, Nucleic Acids Research, Genes and Development, Science, Journal of Biological Chemistry, Proceedings of the National Academy of Sciences (USA), Development, Developmental Biology, Molecular Biology of the Cell, Journal of Applied Physiology, Trends in Biochemical Sciences, European Journal of Biochemistry, Cell Growth and Differentiation, Biochimica et Biophysica Acta, Bioinformatics, Genes to Cells, Blood, BMC-Molecular Biology, Journal of Molecular Biology, Expert Review in Molecular Medicine, Gene, Journal of Endocrinology, The FEBS Journal, EMBO Journal, Journal of Clinical Investigation, Reproductive Biology and Endocrinology, BMC Genomics, Anti-Cancer Drug, Journal of Pharmacy and Pharmacology, Molecular Cancer Research, Journal of Translational Medicine, Journal of Visualized Experiments (JOVE), Frontiers in Endocrinology, Genome Research, Bioessays, Chinese Journal of Cancer Research, BMC-Cancer, PLOS One, WikiJournal of Science, Drug Discovery Today, Cancer Biology & Therapy, Advanced Science, Expert Opinion on Therapeutic Targets, Future Oncology, International Journal of Molecular Sciences
- 1997-2006 Reviewer, chapters of books:
 Cell (G. Cooper)
 Molecular Biology (R. Weaver)
 Cell (G. Cooper and R. Hausman)
- 1990 Ad Hoc Member of the NIH Virology Study Section
 Invited for full membership for 3-year term
- 1994 Ad Hoc Reviewer, American Cancer Society Scientific Advisory Committee on Personnel
- 1996-1997 Ad Hoc Reviewer, American Cancer Society Scientific Advisory Committee on Genetic Mechanisms in Cancer
- 1998-1999 Reviewer, American Cancer Society Scientific Advisory Committee on Genetic Mechanisms in Cancer
- 1998-2012 Reviewer, Faculty Promotion cases:
 Harvard Medical School; Johns Hopkins University; National Cancer Institute (NIH); Tufts-New England Medical Center; Tufts Univ. School of Medicine; Univ. of California, Berkeley; Univ. of Massachusetts Medical School, Worcester; Univ. of Missouri-Columbia; Univ. of South Florida; Virginia Commonwealth Univ.
- 2000 Vice-Chair, American Cancer Society Scientific Advisory Committee on Genetic Mechanisms in Cancer
- 2001 Chair, American Cancer Society Scientific Advisory Committee on Genetic Mechanisms in Cancer
- 1999 Ad Hoc Reviewer, National Institutes of Health CBY-2 Study Section
- 2002-2004 Member, National Institutes of Health CDF3 Study Section
- 2002 Reviewer, Intramural site visit team, review of Laboratory of Metabolism, National Cancer Institute, NIH
- 2002 Outside reviewer, Ph.D. Thesis Examination Committee, Doug Selinger (student of George Church), Harvard Medical School

- 2005 Reviewer, Senior Research Fellowship application for The Wellcome Trust, London, UK
- 2005 Invited to be member of NSF Review Panel on Epigenetics, Transcription, and Chromatin (declined due to temporary conflicts)
- 2005 Outside reviewer, Ph.D. Thesis Examination Committee, Zhou Zhu (student of George Church), Harvard Medical School
- 2007 Outside reviewer, Ph.D. Thesis Examination Committee, Seth Fietze (student of Pamela Silver), Harvard Medical School
- 2006-2011 Reviewer, The Medical Foundation: The Charles A. King Trust Postdoctoral Research Fellowship Program, Boston, MA
- 2011-2016 Reviewer, Alzheimer's Association International Grant Program
- 2011-2019 Review Editor, Frontiers in Molecular and Structural Endocrinology
- 2018 Outside reviewer, Ph.D. Thesis Examination Committee, Whitney Silkworth (student of David Fisher), Harvard Medical School
- 2019 Grant Reviewer, Breast Cancer Now, London, United Kingdom
- 2021 Panelist, American Cancer Society ResearchHERS, "From Bench to Industry: Taking Your Discoveries to the Next Level"

SERVICE: Harvard Medical School and Dana-Farber Cancer Institute

- 1984-1988 Graduate Student Advisory Committee, Committee on Virology
- 1985-1987 Chairperson, Graduate Student Advisory Committee, Committee on Virology
- 1984-1992 Biomedical Research Support Grant Review Committee, Dana-Farber Cancer Institute
- 1986-1997 Library Committee, Dana-Farber Cancer Institute
- 1986-1988 Program and Admissions Committee, Harvard Medical School
- 1991-1993 Faculty Council, Harvard Medical School
- 1991-1994 Chairperson, Seminars in Oncology, Dana-Farber Cancer Institute
- 1992-1997 Science Fair Committee, Dana-Farber Cancer Institute
- 1992-1997 Division of Medical Sciences Alternate Delegate to Harvard Faculty of Arts and Sciences Meetings
- 1995-1997 Virology Steering Committee, Harvard Medical School

SERVICE: Boston University

- 1999 Mentor, Pathways Program
- 2001 Panel member, Orientation for New Faculty, Hosted by Boston University Center for Excellence in Teaching
- 2000-2002 Alternate Member, Faculty Council
- 2002, 2003 Ada Draper Award Selection Committee
- 2002-3, 2008, 2011, 2013 Science and Technology Day Judge
- 2002-2003 Member, Advisory Board, Women's Studies Program
- 2002 Member, Committee of Misconduct Inquiry for the Office of the Provost
- 2005 Internal reviewer, 2006 Searle Scholar's Program competition
- 2006 College of Arts and Sciences Dean's delegate, polling Biology Department regarding Chairman position
- 1999, 2000, 2007-2008 Member, Appointment, Promotions and Tenure Committee, College and Graduate School of Arts and Sciences
- 2002-2003, 2006-2007 Chair, Appointment, Promotions and Tenure Committee, College and Graduate School of Arts and Sciences

- 2007 Chair, Ad hoc Appointment, Promotions and Tenure Committee,
College and Graduate School of Arts and Sciences
- 2008 Organizer, Symposium in Honor of Sir Hans Kornberg's 80th birthday, sponsored
by the College of Arts and Sciences and the University Professors Program
(Jan. 19, 2008)
- 2008-2010 Member, University-wide Bioinformatics and Integrative Biology Working Group
- 2008-2009 Faculty Facilitator, Responsible Conduct for Research Sessions
- 2009-2015 Member, Steering Committee for the Evans Center
for Interdisciplinary Biomedical Research (Director: Katya Ravid)
- 2009-2013 Faculty Representative, Academic Affairs Committee of the Board of Trustees
- 2011 Reviewer, Boston University School of Medicine Biochemistry graduate program
- 2012 Reviewer for Provost's Office, Clare Boothe Luce Graduate Fellowships
- 2012 Reviewer, Boston University Searle Scholar nominations
- 2012 Reviewer, Boston University Pew Scholar nominations
- 2012 Member, Boston University HHMI Graduate Fellowship Nomination Committee
- 2012-2019 Reviewer, Evans Center ARC grant proposals
- 2013 Reviewer, Boston University Blavatnik Young Scientist Award nomination
- 2013-2014 Member, Organic Chemistry Faculty Search Committee, Dept. Chemistry
- 2013-2015 Member, University Committee on Academic Program Review (CAPR)
- 2014 Member, Ad hoc faculty committee on plagiarism allegation,
College and Graduate School of Arts and Sciences
- 2015 Chair, Investigation Misconduct Committee for the Office of the Provost
- 2015-2016 Vice-Chair, University Committee on Academic Program Review (CAPR)
- 2016-2018 Chair, University Committee on Academic Program Review (CAPR)
- 2016-2019 Reviewer, BU Clinical and Translational Science Institute Pilot Grants
- 2018-2020 Member, Advisory Committee, Molecular and Translational Medicine (MTM)
graduate program, BUMC
- 2019 Judge, Biological Graduate Student Association (BGSA) Symposium

SERVICE: Boston University, Department of Biology

- 1997-2007 Faculty Search Committees in Cell and Molecular Biology
(for 5 of the years indicated)
Hired: J. Deshler, K. McCall, F. Naya, C. Bradham, H. Frydman
- 2008-2009 Member, Systems Biology Junior Faculty Search Committee
- 2009-2010 Chair, Systems Biology Faculty Search Committee
- 1999-present Mentor of Junior Faculty
Jim Deshler (1999-2008)
Frank Naya (2001-2012)
Daniel Segrè (2005-2012)
Cynthia Bradham (2008-2016)
Jeffrey Gavornik (2016-2019)
Jerry Chen (2016-2020)
- 1998 Biology Department Graduate Committee
(including Graduate Student Admissions)
- 1998-1999 Chair, Cellular and Molecular Biology Seminar Committee
- 1999-2003, Preliminary Examination Committee,
2006-2015 Cell and Molecular Biology and MCBB Graduate Programs
- 1998-2011 Appointment, Promotions and Tenure Committee, Department of Biology
(for six of the 13 years indicated)
- 2013 Ad Hoc Appointment, Promotions and Tenure Committee, Department of Biology

- 2007-2008, Chair, Merit and Equity Advisory Committee, Department of Biology
 2010-2011, Member, Merit and Equity Advisory Committee, Department of Biology
 2017-2018
 1998-2000, Biology Chairman's Advisory Committee
 2002-2004
 2007-2011 Associate Chair, Department of Biology
 2011-2012 Biology Department representative, Provost Space Utilization Study Committee
 2013-2014, Appointment, Promotions and Tenure Committee, Department of Biology
 2015-2017
 2017-2018 Committee for Graduate Preliminary Exam Assessment, Cellular and Molecular
 Biology subprogram, Department of Biology

SERVICE: Boston University, Interdepartmental Graduate Programs

- 1998-2000 Molecular Biology, Cell Biology, and Biochemistry (MCBB) Graduate Program
 Oversight Committee
 1998-2000 Graduate Student Admissions Committee, MCBB Graduate Program
 1999 Recruitment of minority students for the Bioinformatics Program
 at University of Houston-Downtown, Houston, TX
 1999 Lecturer, Pre-entrance Training Week, Bioinformatics Program
 1999-2001 Chair, Interdepartmental Seminar Series – Biomolecular Seminar Series
 (Cell and Molecular Biology, MCBB, Bioinformatics)
 2000-2010 Member, Biomolecular Seminar Series Committee
 2000-2003 Chair, Committee on Curriculum and Degree Requirements,
 Bioinformatics Program
 1999-2001, Graduate Advisor, Bioinformatics Program
 2005-2017
 2005-2006, Admissions Committee, Program in Bioinformatics
 2007-2008
 2008-2009 Member, Systems Biology Seminar Series Committee
 2009 Member, Curriculum Committee, University-wide Integrative Biology Program
 2008-2009, Member, Executive Committee, Program in Bioinformatics
 2010-2011
 2008-2019 Director, MCBB Graduate Program
 2013 Bioinformatics representative, SACNAS conference, San Antonio, TX

TEACHING: Harvard Medical School

- 1984-1986 Co-Director, "Principles and Techniques in Molecular Genetics"
 (graduate student course), Program in Genetics, Harvard Medical School
 1986-1993 Director, "Molecular Biology of Animal Viruses"
 (graduate student course), Committee on Virology, Harvard Medical School
 1989,1992 Course leader, "Tridepartment Proposal Mini-Course"
 (graduate student course), Harvard Medical School
 1990,1993 Leader, Conduct of Science discussion groups, Harvard Medical School
 1995,1996 Member of teaching team (with Jean Patterson, Jo Sodroski), "Animal Virology"
 (graduate student course), Committee on Virology, Harvard Medical School
 1983-1997 Chair/Member of Thesis Advisory Committees
 (students from Biological and Biomedical Sciences Program, Committee on
 Virology, Program in Immunology)

TEACHING: Boston University

- 1998 Lecturer on Cell Signaling and Transcription Factors, "Advanced Cell Biology" (graduate student course)
- 1999 Co-director, "Biology of the Cell Cycle" (graduate and upper level undergraduate course), with Professor Frank Monette
- 2000-2003 Co-director, "Molecular Biology II" (graduate and upper level undergraduate course)
2000-2002: with Professor Kim McCall
2003: with Professor Frank Naya
- 2000, 2002 Lecturer on Basic Transcription Mechanisms, "Molecular Biology" at BU Medical School (graduate student course)
- 2001 Lecturer on Mammalian Gene Expression, "Biomolecular Engineering"
- 2000-2003 Discussion Leader on The Estrogen Receptor and Breast Cancer, "Biology 108 Honors Section" (freshman undergraduate students)
- 1999-2000 Instructor, "Reading in Biology" (undergrad independent library research)
Nicolas Aguirre ('99), Amartya Ray ('99)
- 2002, 2004 Lecturer on current research of my laboratory, "Research Opportunities in Bioinformatics" (graduate student course)
- 2006, 2007 Director, "Research Opportunities in Bioinformatics" (graduate student course)
- 2006 Faculty, "Cell Biology" (sophomore-level undergraduate and MMEDIC courses), with Professor Frank Monette, Course Director
- 2008 Co-director, "Cell Biology" (sophomore-level undergraduate and MMEDIC courses), with Professors Cynthia Bradham and Robert Hausman
- 2010 Director, "Molecular Biology II" (graduate and upper level undergraduate course)
- 2010 Instructor, "Reading in Biology" (undergrad independent library research)
Sarah Woodson ('11)
- 2013 Guest Lecturer, "Epigenetics" (graduate level course)
- 2014 Director, Grant-writing workshop for Cell and Molecular Biology and MCBB PhD students (includes writing/submission of NSF fellowship proposals)
- 2016 Director, "Progress in Cell and Molecular Biology Seminar" (weekly seminar series of Cell and Molecular Biology and MCBB PhD students)
- 2004-2007, 2010-2018 Director, "Advanced Molecular Biology" (graduate student course)
- 2012-2014, 2016-2019 Guest Lecturer, "Carcinogenesis" (graduate & upper level undergraduate course)

NATIONAL/INTERNATIONAL CONTRIBUTIONS:**Presentations at Symposia (1992-present)**

- 1992 Gordon Research Conference on "Chromatin"
Cold Spring Harbor Meeting on "DNA Tumor Viruses"
- 1993 Gordon Research Conference on "Biological Regulatory Mechanisms"
Cold Spring Harbor Meeting on "Mechanisms of Eukaryotic Transcription"
- 1994 Massachusetts Department of Public Health, Boston, MA,
Breast Cancer Award Symposium
Massachusetts Institute of Technology, Boston, MA,
Symposium honoring Phillip A. Sharp
- 1995 Keystone Symposium on "Epigenetic Regulation of Transcription"

- FASEB Research Conference on "Chromatin and Transcription"
Session Chair and Speaker, Summer Symposium in Molecular Biology, Penn State
on "Chromosomal Controls of Gene Expression"
Cold Spring Harbor Cancer Cells Meeting
on "Mechanisms of Eukaryotic Transcription"
- 1996 Gordon Research Conference
on "Nuclear Proteins, Chromatin Structure and Gene Regulation"
Cambridge Symposia
on "Cell Cycle Control: Regulatory Signals and Clinical Applications"
- 1997 Gordon Research Conference on "Molecular and Genetic Basis of Cell Proliferation"
- 2000 Society for the Advancement of Women's Health Research Conference
on "Sex and Gene Expression", Winston-Salem, North Carolina
- 2002 BCMP Minisymposium on "The Biochemistry of Eukaryotic Transcription",
Harvard Medical School, Boston, MA
- 2003 Panel Moderator and Speaker, Society for Womens' Health Fourth Annual
Conference on "Sex and Gene Expression", Winston-Salem, North Carolina
- 2007 Session Chair and Speaker, Boston Area Gene Expression Meeting,
Tufts University School of Medicine
- 2008 Bregenz Summer School on Endocrinology:
Nuclear Receptors in Health and Disease, Bregenz, Austria

REGIONAL/NATIONAL CONTRIBUTIONS:

Invited Presentations at Institutions (1993-present)

- 1993 Dana-Farber Cancer Institute, Boston, MA, Seminars in Oncology
University of Pittsburgh School of Medicine, Pittsburgh, PA,
Department of Molecular Genetics
Tufts University School of Medicine, Boston, MA, Department of Physiology
Scripps Research Institute, La Jolla, CA, Department of Molecular Biology
University of Connecticut, Storrs, CT, Department of Molecular and Cellular Biology
Mount Sinai School of Medicine, New York, NY,
Brookdale Center for Molecular Biology
Tufts University School of Medicine, Boston, MA, Department of Biochemistry
- 1994 Harvard Medical School, Boston, MA, Committee on Virology
- 1995 University of Texas Health Science Center, San Antonio, TX,
Center for Molecular Medicine
National Institutes of Health, Bethesda, MD, National Cancer Institute
University of Oregon, Eugene, OR, Institute of Molecular Biology
Fred Hutchinson Cancer Center, Seattle, WA
Tufts University School of Medicine, Boston, MA,
Department of Molecular Biology and Microbiology
Dana-Farber Cancer Institute, Boston, MA, Seminars in Oncology

- Harvard Medical School, Boston, MA,
Department of Microbiology and Molecular Genetics
Mount Sinai School of Medicine, New York, NY,
The Derald H. Rittenberg Cancer Center
Medical College of Georgia, Augusta, GA,
Institute for Molecular Medicine and Genetics
University of Massachusetts Medical Center, Worcester, MA,
Department of Molecular Genetics and Microbiology
Louisiana State University Medical Center, New Orleans, LA,
Stanley S. Scott Cancer Center
- 1996 University of Georgia, Athens, GA, Department of Biochemistry
Emory University School of Medicine, Atlanta, GA,
Division of Pediatric Endocrinology
Vanderbilt University, Nashville, TN,
Department of Molecular Biology, and Cancer Center
Harvard Medical School, Boston, MA, Department of Pathology
Harvard Medical School, Boston, MA, Committee on Virology
Schepens Eye Research Institute, Boston, MA
- 1997 Boston University, Boston, MA, Department of Biology
- 1998 Brown University, Providence RI,
Department of Molecular Biology, Cell Biology and Biochemistry
Oberlin College, Oberlin, OH, Chemistry Department
- 1999 Boston University School of Medicine, Boston, MA, Department of Biochemistry
Boston University School of Medicine, Boston, MA, Department of Pathology
LSU Medical Center, Shreveport, LA,
Department of Biochemistry and Molecular Biology
University of Houston-Downtown, Houston, Texas
- 2000 University of South Florida, Tampa, FL, Institute for Biomolecular Science
Massachusetts General Hospital, Harvard Medical School, Boston, MA,
Department of Reproductive Endocrinology
University of Massachusetts Medical Center, Worcester, MA,
Department of Cell Biology
Boston University School of Medicine, Boston, MA, Department of Pharmacology
- 2001 Boston University School of Medicine, Boston, MA, Department of Medicine,
Hematology/Oncology Research Roundtable
- 2003 Boston University School of Medicine, Boston, MA, Arthritis Grand Rounds
Boston University School of Medicine, Boston, MA,
Department of Genetics and Genomics
- 2005 Boston University Goldman School of Dental Medicine, Boston, MA,
Department of Molecular and Cell Biology
The Johns Hopkins University, School of Medicine, Baltimore, MD,
Johns Hopkins Asthma and Allergy Center

- The Johns Hopkins University, School of Medicine, Baltimore, MD,
Johns Hopkins Immunology Council
University of Massachusetts Medical School, Worcester, MA,
Department of Cell Biology
Boston University, Boston, MA, LSEB Dedication Symposium
- 2009 Virginia Commonwealth University, Richmond, VA,
Department of Human and Molecular Genetics
New England BioLabs, Ipswich, MA
- 2011 Alnylam Pharmaceuticals, Cambridge, MA
Boston University School of Medicine, Boston, MA, Department of Biochemistry
- 2013 Boston University School of Medicine, Boston MA, Department of Microbiology
- 2016 Boston University-wide Cancer Seminar Series, Boston MA
- 2017 Novartis Institutes for BioMedical Research, Cambridge MA
“*Transcription Factor LSF: Therapeutic Target for Hepatocellular Carcinoma*”
- 2018 Novartis Institutes for BioMedical Research, Cambridge MA
“*LSF: Multiple points of growth control*”

PUBLICATIONS (total of 77, excluding the PhD thesis)

Mescher MF, **Hansen UM**, Strominger JL. (1976) Formation of lipid-linked sugar compounds in *Halobacterium salinarium*: Presumed intermediates in glycoprotein synthesis. J Biol Chem. 251:7289-7294.

Hansen UM, McClure WR. (1979) A noncycling activity assay for the sigma subunit of *Escherichia coli* RNA polymerase. J Biol Chem. 254:5713-5717.

Hansen UM, McClure WR. (1980) Role of the sigma subunit of *Escherichia coli* RNA polymerase in initiation. I. Characterization of core enzyme open complexes. J Biol Chem. 255:9556-9563.

Hansen UM, McClure WR. (1980) Role of the sigma subunit of *Escherichia coli* RNA polymerase in initiation. II. Release of sigma from ternary complexes. J Biol Chem. 255:9564-9570.

Hansen UM. (1980) Mechanism of action of the sigma subunit of *Escherichia coli* RNA polymerase. Ph.D. Thesis, Harvard University.

Cepko CL, **Hansen UM**, Handa H, Sharp PA. (1981) Sequential transcription-translation of SV40 using mammalian cell extracts. Mol Cell Biol. 1:919-931.

Hansen UM, Tenen DG, Livingston DM, Sharp PA. (1981) T antigen repression of SV40 early transcription from two promoters. Cell 27:603-612.

Hansen UM, Sharp PA. (1983) Sequences controlling *in vitro* transcription of SV40 promoters. EMBO J. 2:2293-2303.

Hansen UM, Sharp PA. (1984) Transcription by RNA polymerase II. *Comprehensive Virology* 19:65-97.

Tenen DG, Haines LL, **Hansen UM**, Martin RG, Livingston DM. (1985) Formation of a cruciform structure at the SV40 replication origin abolishes T antigen binding to the origin *in vitro*. *J Virol.* 56:292-297.

Patarca R, Heath C, Goldenberg GJ, Rosen CA, Sodroski JG, Haseltine WA, **Hansen UM**. (1987) Transcription directed by the HIV long terminal repeat *in vitro*. *AIDS Research and Human Retroviruses.* 3:41-55.

Kim CH, Heath C, Bertuch A, **Hansen U**. (1987) Specific stimulation of simian virus 40 late transcription *in vitro* by a cellular factor binding the simian virus 40 21-base-pair repeat promoter element. *Proc Natl Acad Sci USA.* 84:6025-6029.

Brown M, Figge J, **Hansen U**, Wright C, Jeang K-T, Khoury G, Livingston DM, Roberts TM. (1987) *lac* repressor can regulate transcription from a hybrid SV40 early promoter containing a *lac* operator in animal cells. *Cell* 49:603-612.

Chalifour LE, Wirak DO, **Hansen U**, Wassarman PM, DePamphilis ML. (1987) *Cis-* and *trans-*acting sequences required for expression of simian virus 40 genes in mouse oocytes. *Genes Dev.* 1:1096-1106.

Huang H-C, Sundseth R, **Hansen U**. (1990) Transcription factor LSF binds two variant bipartite sites within the SV40 late promoter. *Genes Dev.* 4:287-298.

Licht JD, Gossel MJ, Figge J, **Hansen U**. (1990) *Drosophila Krüppel* protein is a transcriptional repressor. *Nature* 346:76-79.

Sundseth R, **Hansen U**. (1990) A systematic approach to the study of RNA polymerase II mediated transcription *in vitro*. *DNA and Protein Engineering Tech.* 2:57-64.

Casaz P, Sundseth R, **Hansen U**. (1991) Trans-activation of the Simian Virus 40 late promoter by large T antigen requires binding sites for the cellular transcription factor TEF-1. *J Virol.* 65:6535-6543.

Sundseth R, **Hansen U**. (1992) Activation of RNA polymerase II transcription by the specific DNA-binding protein LSF: Increased rate of binding of the basal promoter factor TFIIB. *J Biol Chem.* 267:7845-7855.

Batson SC, Sundseth R, Heath CV, Samuels M, **Hansen U**. (1992) *In vitro* initiation of transcription by RNA polymerase II on *in vivo*-assembled chromatin templates. *Mol Cell Biol.* 12:1639-1651.

Batson SC, Rimsky S, Sundseth R, **Hansen U**. (1993) Association of nucleosome-free regions and basal transcription factors with *in vivo*-assembled chromatin templates active *in vitro*. *Nucl Acids Res.* 21:3459-3468.

Licht JD, Ro M, English M, Gossel M, **Hansen U**. (1993) Selective repression of transcriptional activators at a distance by the *Drosophila Krüppel* protein. *Proc Natl Acad Sci USA.* 90:11361-11365.

- DeFranco C, Ro M, Grossel M, **Hansen UM**, Wagner JA, Licht JD. (1993) NGF1A (EGR1) contains transcription activating domains in both the amino terminal and carboxyl terminal regions of the protein. *Bioch Biophys Res Comm.* 194:425-431.
- Licht JD, Hanna-Rose W, Reddy JC, English MA, Ro M, Grossel M, Shakhovich R, **Hansen U.** (1994) Mapping and mutagenesis of the amino-terminal transcriptional repression domain of the *Drosophila Krüppel* protein. *Mol Cell Biol.* 14:4057-4066.
- Shirra MK, Zhu Q, Huang H-C, Pallas D, **Hansen U.** (1994) One exon of the human LSF gene includes conserved regions involved in novel DNA-binding and dimerization motifs. *Mol Cell Biol.* 14:5076-5087.
- Ding H-F, Rimsky S, Batson SC, Bustin M, **Hansen U.** (1994) Stimulation of RNA polymerase II elongation by chromosomal protein HMG-14. *Science* 265:796-799.
- Casaz P, Rice PW, Cole CN, **Hansen U.** (1995) A TEF-1 independent mechanism for activation of the SV40 late promoter by mutant SV40 large T antigens. *J Virol.* 69:3501-3509.
- Hansen U.** (1996) Mechanisms of Eukaryotic Transcription: Surfaces, Complexes, and Contexts. Meeting Review: Cold Spring Harbor Cancer Cells Meeting (Aug. 30 – Sept. 3, 1995). *BBA Reviews on Cancer.* 1287:59-62.
- Hanna-Rose W, **Hansen U.** (1996) Active repression mechanisms of eukaryotic repressors. *Trends Genet.* 12:229-234.
- Volker JL, Rameh LE, Zhu Q, DeCaprio J, **Hansen U.** (1997) Mitogenic stimulation of resting T cells causes rapid phosphorylation of the transcription factor LSF and increased DNA-binding activity. *Genes Dev.* 11:1435-1446.
- Hanna-Rose W, Licht JD, **Hansen U.** (1997) Two evolutionarily conserved repression domains in the *Drosophila Krüppel* protein differ in activator specificity. *Mol Cell Biol.* 17:4820-4829.
- Ding H-F, Bustin M, **Hansen U.** (1997) Alleviation of histone H1-mediated transcriptional repression and chromatin compaction by the acidic activation region in chromosomal protein HMG-14. *Mol Cell Biol.* 17:5843-5855.
- Sewack GF, **Hansen U.** (1997) Nucleosome positioning and transcription-associated chromatin alterations on the human estrogen-responsive pS2 promoter. *J Biol Chem.* 272:31118-31129.
- Shirra MK, **Hansen U.** (1998) LSF and NTF-1 share a conserved DNA-recognition motif yet require different oligomerization states to form a stable protein-DNA complex. *J Biol Chem.* 273:19260-19268.
- Hansen U.** (1999) Transcriptional and structural analyses of isolated SV40 chromatin. In *“Methods in Molecular Biology: Chromatin Protocols”*, Humana Press, Totowa, N.J. vol. 119, pp. 261-290.
- Coull JJ, Romerio F, Sun J-M, Volker JL, Galvin KM, Davie JR, Shi Y, **Hansen U**, Margolis DM. (2000) The human factors YY1 and LSF repress the human immunodeficiency virus type-1 long terminal repeat via recruitment of histone deacetylase 1. *J Virol.* 74:6790-6799.

- Powell CMH, Rudge TL, Zhu Q, Johnson LF, **Hansen U.** (2000) Inhibition of the mammalian transcription factor LSF induces S-phase-dependent apoptosis by downregulating thymidylate synthase expression. *EMBO J.* 19:4665-4675.
- Sewack GF, Ellis TW, **Hansen U.** (2001) Binding of TATA binding protein to a naturally positioned nucleosome is facilitated by histone acetylation. *Mol Cell Biol.* 21:1404-1415.
- Frith MC, **Hansen U.**, Weng Z. (2001) Detection of *cis*-element clusters in higher eukaryotic DNA. *Bioinformatics* 17:878-889.
- Drouin EE, Schrader CE, Stavnezer J, **Hansen U.** (2002) The ubiquitously expressed DNA-binding protein LSF binds immunoglobulin switch regions and represses class switching to IgA. *J Immunol.* 168:2847-2856.
- Frith MC, Spouge JL, **Hansen U.**, Weng Z. (2002) Statistical significance of clusters of motifs represented by position specific scoring matrices in nucleotide sequences. *Nucleic Acids Res.* 30:3214-3224.
- Bruni P, Minopoli G, Brancaccio T, Napolitano M, Faraonio R, Zambrano N, **Hansen U.**, Russo T. (2002) Fe65, a ligand of the Alzheimer's β -amyloid precursor protein, blocks cell cycle progression by down-regulating thymidylate synthase expression. *J Biol Chem.* 277:35481-35488.
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Rajasekaran D, Siddiq A, Willoughby JLS, Biagi JM, Christadore LM, Yunes SA, Gredler R, Jariwala N, Robertson CL, Akiel MA, Shen X-N, Subler MA, Windle JJ, Schaus SE, Fisher PB, **Hansen U**, Sarkar D. (2015) Small molecule inhibitors of Late SV40 Factor (LSF) abrogate hepatocellular carcinoma (HCC): Evaluation using an endogenous HCC model. *Oncotarget* 6:26266-26277.

Acevedo-Luna N, Mariño-Ramírez L, Halbert A, **Hansen U**, Landsman D, Spouge JL. (2016) Most of the tight positional conservation of transcription factor binding sites near the transcription start site reflects their co-localization within regulatory modules. *BMC Bioinformatics* 17:479. doi: 10.1186/s12859-016-1354-5

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Chin HG, Estève PO, Ruse C, Lee J, Schaus SE, Pradhan S, **Hansen U**. (2020) The microtubule-associated histone methyltransferase SET8, facilitated by transcription factor LSF, methylates α -tubulin. *Journal of Biological Chemistry*, 295:4748-4759. doi: 10.1074/jbc.RA119.010951

Preprint: Chin HG, et al. (2019) Transcription factor LSF facilitates lysine methylation of α -tubulin by microtubule-associated SET8. [biorxiv.org/cgi/content/short/665984v1](https://www.biorxiv.org/cgi/content/short/665984v1)

Willoughby JLS, George K, Roberto MP, Chin HG, Stoiber P, Shin H, Pedamallu CS, Schaus SE, Fitzgerald K, Shah J, **Hansen U.** (2020) Targeting the oncogene LSF with either the small molecule inhibitor FQI1 or siRNA causes mitotic delays with unaligned chromosomes, resulting in cell death or senescence. *BMC Cancer*, 20:552. doi: 10.1186/s12885-020-07039-1

Preprint, version 2: [biorxiv.org/content/10.1101/665570v2](https://www.biorxiv.org/content/10.1101/665570v2)

Preprint, version 1:

Willoughby JLS, et al. (2019) LSF small molecule inhibitors phenocopy LSF-targeted siRNAs causing mitotic defects and senescence in cancer cells.

[biorxiv.org/cgi/content/short/665570v1](https://www.biorxiv.org/cgi/content/short/665570v1)

McClung C, Chin HG, **Hansen U**, Noren C, Pradhan S, Ruse C. (2021) Mapping of polyglutamylated tubulins using nanoLC-ESI-MS/MS. *Analytical Biochemistry*, 612:113761. doi: 10.1016/j.ab.2020.113761

Stoiber P, Scribani Rossi P, Pokharel N, Germany J-L, York EA, Schaus SE, **Hansen U.** (2021) Factor Quinolinone Inhibitors alter cell morphology and motility by destabilizing interphase microtubules. *Scientific Reports*, 11:23564. doi: 10.1038/s41598-021-02962-0

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Preclinical lead optimization of small molecule inhibitors of TFCP2 for the treatment of liver cancer. Niranjana Pokharel, Daniel Nartey, Kaitlyn Corazzata, Emily York, John Kavouris, Jessica M. Biagi, Jennifer Baily, Lauren Brown, Ulla Hansen, Scott E. Schaus. (2025) Manuscript ready to be submitted. *Journal of Medicinal Chemistry- ACS Publication*

PATENTS AWARDED/ISSUED

Scott Schaus, **Ulla Hansen**, Joshua Bishop. [1,3] Dioxolo [4,5-G] [1,2,4] triazolo [1,5-A] quinolone derivatives as inhibitors of the Late SV40 Factor (LSF) for use in treating cancer.

U.S. Patent No. 9,175,001. (Issued November 3, 2015)

U.S. Patent No. 9,399,644. (Issued July 26, 2016)

Ulla Hansen, Scott Schaus, Trevor Grant, Joshua Bishop, John Kavouris, Lisa Christadore. Inhibitors of Late SV40 Factor (LSF) as cancer chemotherapeutics.

U.S. Patent No. 9,597,325. (Issued March 21, 2017)

U.S. Patent No. 9,802,948. (Issued October 31, 2017)

U.S. Patent No. 9,815,845. (Issued November 14, 2017)

U.S. Patent No. 10,392,398. (Issued August 27, 2019)

Scott E. Schaus, **Ulla Hansen**, John A. Kavouris, Emily A. York, Niranjana Pokharel. Heterocyclic LSF inhibitors and their uses.

U.S. Patent No. 11,242,353. (Issued February 8, 2022)

Scott E. Schaus, **Ulla Hansen**, Hang Gyeong Chin, Niranjana Pokharel, Emily York, John Kavouris.

Late SV40 Factor (LSF) Inhibitors.

U.S. Patent No. 11,420,977. (Issued August 23, 2022).

Scott E. Schaus, **Ulla Hansen**, Emily A. York, Niranjana Pokharel.

Quinolin-2(1H)-one inhibitors of Late SV40 Factor.

U.S. Patent No. 11,458,132. (Issued October 4, 2022).

POSTDOCTORAL FELLOWS AND VISITING SCIENTISTS

NAME	POSITION	DATES	CURRENT/MOST RECENT POSITION
Daniel G. Tenen, M.D.	Medical Foundation Fellow and Instructor in Medicine	7/83-6/84	Professor of Medicine, Harvard Medical School, Boston, MA; Distinguished Prof in Medicine & Director, Cancer Science Institute of Singapore, National University of Singapore
Chung Han Kim, Ph.D.	Research Fellow	11/84-11/87	Previous: Laboratory Manager, Lab of Jane Clifford, Dept. Biochemistry, Drexel Univ. College of Med., Philadelphia, PA
Hui-Chuan Huang, Ph.D.	Research Fellow	3/86-12/90	Lab of Peter S. Klein, Univ of Pennsylvania, Philadelphia, PA
Jonathan Licht, M.D.	NIH Physician Scientist Award and Instructor in Medicine	7/86-9/91	Director, University of Florida Health Cancer Center, Gainesville, FL
Rebecca Sundseth, Ph.D. (maiden name: Furkes)	ACS Research Fellow	1/87-9/91	Director of Clinical Strategy, CATO SMS, Durham, NC
Sylvie Rimsky, Ph.D.	Visiting Scientist	11/89-12/91	Senior Researcher, Director 2, CNRS, Ecole Normale Supérieure, Cachan, France
Wangdon Yoo, Ph.D.	Research Fellow	2/91-4/92	Vice President, Korea Biotechnology Industry Organization (KoreaBIO), Gyeonggi-do, South Korea
Quan Zhu, Ph.D.	Mass ACS Senior Postdoctoral Fellow	7/91-4/96	Technology Consultant, Southborough, MA
Han-Fei Ding, Ph.D.	Instructor; Sandoz Drug Discovery Fellow	1/93-12/96	Gene P. Siegal Endowed Professor in Pathology, Heersink School of Medicine, University of Alabama at Birmingham, Birmingham, AL
Davy Jones, Ph.D.	Visiting Scholar	9/96-12/96	Professor, University of Kentucky, Lexington, KY
Elise Drouin, Ph.D.	Cancer Research Institute Fellow	5/94-11/00	Associate Director – Clinical Biomarkers, EMD Serono, Inc., Billerica, MA

Konstantin Ebralidse, M.D.	Research Associate	9/95-6/99	Previous: Research Fellow, Beth Israel Hospital, Harvard Medical School, Boston, MA
Zrinka Pagon, M.D.	Infectious Diseases Society of America Research Fellow	11/95-6/99	Owner, Medical Director, World Care Middle Europe Ltd, Croatia
Christina Powell, Ph.D.	Research Fellow	6/99-9/00	Director, Medical Writing, Jounce Therapeutics, Inc., Cambridge, MA
Gerald Sewack, Ph.D.	Research Fellow	7/98-3/01	Director of Scientific Operations, RA Capital Management, L.P., Boston, MA
Ying-Bing Zhou, Ph.D.	Research Associate	5/99-10/03	Senior Scientist, BD Medical, Franklin Lakes, NJ
Utsav Saxena, Ph.D.	Research Fellow	9/08-9/09	Director – Systems Biology, Dicerna Pharmaceuticals, Inc. Lexington, MA
Girish Barot, Ph.D.	Postdoctoral Associate	7/10-8/11	Data Scientist, Kroger Digital, Boca Raton, FL
Barbara Ludeke, Ph.D.	Visiting Researcher Research Associate	12/12-3/14 4/14-6/15	Research Associate, Boston Univ. Medical School, Boston, MA

GRADUATE STUDENTS (Harvard Medical School and Boston University)

NAME	POSITION	DATES	CURRENT POSITION
Paul Casaz	Graduate Student (HMS)	9/84-6/91	Senior Director, Analytical Development, Carmine Therapeutics, Cambridge, MA
Susan Batson	Graduate Student (HMS)	9/84-6/91	Acupuncturist, Brain integration therapist, Mind and Body Healing Ctr, Quincy, MA
Margaret Shirra	NSF Pre-doctoral Fellow (HMS)	9/89-12/95	Postdoctoral Researcher, Laboratory of Karen Arndt, Univ. Pittsburgh Med School, Pittsburgh, PA
Wendy Hanna-Rose	Graduate Student Ryan Fellow (HMS)	9/90-6/96	Professor and Department Head, Dept. Biochemistry and Molecular Biology, Penn State Univ., University Park, PA

Gerald Sewack	Graduate Student Stauffer Fellow (HMS)	7/91-6/98	Vice President of Scientific Operations, RA Ventures, Boston, MA
Janet Volker	Graduate Student (HMS)	9/91-10/98	Consultant
Christina Powell	NSF Pre-doctoral Fellow (HMS)	7/92-6/99	Director, Medical Writing, Jounce Therapeutics, Inc., Cambridge, MA
Jill Koehler Fecko	M.A. Graduate Student MCBB Program	9/99-9/01	Previous: Associate Scientist, Wyeth Pharmaceuticals, Andover, MA; now: Olney, MD
Jelena (Veljkovic) Garafalo	Ph.D. Graduate Student Dept. of Biology	6/98-5/05	Senior Director, Medical Affairs Operations Novo Nordisk, Cambridge, MA
Martin Frith	Ph.D. Graduate Student Bioinformatics Program Co-advisor: Z. Weng	5/00-12/03	Professor, University of Tokyo, and Senior Researcher, AIST, Tokyo, Japan
Kavitha Venkatesan	Ph.D. Graduate Student Bioinformatics Program Co-advisor: T. Smith	5/00-8/04	Senior Director, Portfolio Strategy Lead, Oncology, Takeda, Cambridge, MA
Peter Haverty	Ph.D. Graduate Student Bioinformatics Program Co-advisor: Z. Weng	5/00-8/04	Technology Senior Manager, Ginkgo Bioworks, Inc., San Francisco, CA
Karen Repetny	Ph.D. Graduate Student MCBB Program	5/00-5/06	Senior Medical Director, Oncology Medical Affairs US, Pfizer, Cambridge, MA
Raegan O'Lone	Ph.D. Graduate Student MCBB Program	5/00-6/06	Senior Program Advisor, Health and Environmental Sciences Institute (HESI), Bethesda, MD
Utsav Saxena	Ph.D. Graduate Student Dept. of Biology Co-advisor: G. Cooper	5/00-8/08	Head of Systems Biology, Dicerna Pharmaceuticals, Inc. a Novo Nordisk Company, Boston, MA

Nan Zhu	Ph.D. Graduate Student Dept. of Biology	5/01-7/07	Associate Professor, J. Craig Venter Institute, La Jolla, CA
Roxanne Cacioppo	Ph.D. Graduate Student MCBB Program	5/01-8/07	Vice President, Worldwide Cell Therapy Medical Affairs, Multiple Myeloma, Bristol Myers Squibb, Somerville, MA
Audra Kauffman	M.A. Graduate Student	5/03-8/04	Science Teacher, Highlands Latin School, Noblesville, IN
Stephanie (Tauber) Schneider	Ph.D. Graduate Student Bioinformatics Program Co-advisor: T. Smith	9/06-9/13	Research Computing Analyst III, Boston Children's Hospital, Boston, MA
Laura Owens	M.A. Graduate Student MCBB Program, Claire Boothe Luce Fellow	4/08-6/10	Clinical Nutrition Manager, Baystate Medical Center, Amherst, MA
Hang Gyeong (Gene) Chin	M.A. Graduate Student Ph.D. Graduate Student MCBB Program	9/09-8/13 9/13-12/16	National Research Foundation of South Korea Fellow, Gyeongsang National University, South Korea
Jennifer Sherman Willoughby	Ph.D. Graduate Student Dept. of Biology	10/10-9/16	Medical Science Liaison, PH1 (Rare Disease), Alnylam Pharmaceuticals, Cambridge, MA
W. David Church	M.A. Graduate Student	3/11-8/13	Scientist 1, Atavistik Bio, Cambridge, MA
Sarah Yunes	Ph.D. Graduate Student MCBB Program	5/13-5/20	Medical Writer, argenx, Boston, MA
Patrick Stoiber	Ph.D. Graduate Student MCBB Program '14-'16 XTNC (Cross-disciplinary Training in Nanotechnology for Cancer) Fellowship	5/14-12/20	Scientist II, Rectify Pharma, Cambridge, MA
Anushya Pandian	M.A. Graduate Student MCBB Program	1/17-9/18	Senior Research Associate, Vesalius Therapeutics, Cambridge MA

Aram Shin	Ph.D. Graduate Student	4/18-5/23
	MCBB Program	
	Barbara Meyer, PI	
	(UC Berkeley, CA)	
	Previously:	
	David Waxman, PI	4/14-3/18
	(Boston University)	
Bibek Thapa	Ph.D. Graduate Student	9/18-6/19
	MCBB Program	
	Jason Rock/	
	Darrell Kotton, PIs	
	(Dept. Medicine, BUMC)	

PH.D. GRADUATE STUDENT COMMITTEES, NOT LISTED ABOVE (Boston University)

NAME	ADVISOR	POSITION	DATES
Pamela Schreiber Schwartz	David Waxman	Second Reader	1998-2002
Emily Gapuzan	Tom Gilmore	Second Reader	1999-2003
Yuan Wang	Tom Gilmore	Reader (Qual Exam)	1999
Alexandra Zilz	Geoffrey Cooper	Reader	2000-2005
Jonathan Shipley	David Waxman	Reader	2000-2005
Christopher Wiwi	David Waxman	Reader	2000-2004
Jing Wang	Eric Widmaier	Reader	2000-2001
Rhonda Harrison	Charles DeLisi and Richard Young (MIT)	Reader	2000-2003
Julie Ju-Yeon Lee	Eric Widmaier	Reader	2001-2004
Ken Adams	Geoffrey Cooper	Chair; Second Reader	2001-2006
Demetrios Kalaitzidis	Tom Gilmore	Reader	2002-2005
Stephanie Choo	Jim Deshler	Reader	2002-2012
Maureen Mazza	John Finnerty	Second Reader	2002-2007
Sherilyn Sawyer	Gloria Callard	Reader	2002-2007
Jie Ma	David Waxman	Chair	2002-2008
Adnan Derti	George Church (HMS)	Chair	2002-2006
Mei-Chih (Amy) Liang	Tom Gilmore	Reader	2002-2005
Jie Jenny Chen	Geoffrey Cooper	Third Reader	2003-2006
Zhao Chen	Jim Deshler	Second Reader	2003-2009
Dan Starzynowski	Tom Gilmore	Reader	2003-2005
Jolyon Terragni	Geof Cooper	Second Reader	2005-2010
Steve Mullenbrock	Geof Cooper	Second Reader	2005-2011
Gabe Sholder	Geof Cooper		2005-2006
Matt Ferenc	Jim Deshler	Reader	2006-2011
Steve Parker	Tom Tullius	Reader	2006-2009
Josh Leeman	Tom Gilmore	Reader	2007-2008
Bolan Linghu	Charles DeLisi	Reader	2007-2008
Julie Graham	Geof Cooper	Second Reader	2007-2010
Minita Holloway	David Waxman	Reader	2007-2008
Eric Bishop	Peter Park (HMS)		2007-2012
Loren Hansen	David Landsman (NIH)	Chair	2007-2011
Jun Yin	Ed Loechler	Reader	2008
Chris Nogiec		First Reader	2009
Simon (Hualin) Xi	Zhiping Weng	Reader	2009-2010
Tara (Peters) Conforto	David Waxman	Second Reader	2009-2012
Ryan Thompson	Tom Gilmore	Chair; Second Reader	2009-2012
Augustin Luna	Daniel Segrè and Mirit Aladjem (NIH)		2009-2013
Aarathi Sugathan	David Waxman	Chair	2009-2013
Matthew Lynes	Eric Widmaier		2009-2011

Marta Jimenez	John Donnelly III (Novartis)	First Reader	2010-2012
Nikki Traylor-Knowles	John Finnerty		2010-2011
Emily Pace	Tom Gilmore and Birgit Schoeberl (Merrimack)	Chair	2010-2012
Kristen Hokenson (BUMC)	Shelley Russek (Pharmacology)	Second Reader	2011-2016
Christina Hao	David Waxman		2011-2017
Victoria Jenkins	Kim McCall		2011-2017
Lisa Christadore	Scott Schaus (Chemistry)	Second Reader	2011-2012
Nelsa Estrella	Frank Naya	Second Reader	2012-2015
Leila Haery	Tom Gilmore		2012-2015
Rebecca Meyer	Gloria Callard		2012-2014
Michelle Toomey Olsen	Horacio Frydman		2012-2014
Lucinda Griffin	Gloria Callard	Chair	2011-2012
Jessica Biagi	Scott Schaus (Chemistry)		2012-2017
José Medrano	Frank Naya	Chair	2012-2017
Jennifer Chow	Adrian Whitty (Chemistry)		2012-2017
Paul Toran	Natalia Broude (BME)		2013
Amrita Kar	Daniel Segrè		2013-2015
Stephanie Abend	Geof Cooper		2013-2015
Szilvia Kiriakov	Mo Khalil (BME)	Chair	2014-2018
Ashley Penvose	Trevor Siggers	2 nd Reader	2014-2019
Jeremy Hearn	David Levin (BUMC)		2014-2017
Kellen Andrienas	Trevor Siggers		2014-2019
Alex Bloom	Muhammed Zaman (BME)	Chair	2014-2017
Emily Speranza	Cynthia Bradham	Chair	2015
Aram Shin	David Waxman		2015-2018
Bryan Matthews	David Waxman	Chair	2015-2019
Andressa Mota	Angela Ho		2017-2020
Katelyn Mansfield	Tom Gilmore	Chair	2015-2018
Daphne Schatzberg	Cynthia Bradham		2017
Linda Nguyen	John Finnerty		2017-2018
James Huth	Cynthia Bradham		2018-2019
Niranjana Pokharel	Scott Schaus	2 nd Reader	2017-2022
Nahomie Rodriguez-Sastre	Cynthia Bradham		2018-2019
Chris Thomas	Cynthia Bradham		2018-2019
Adam Camblin	Adrian Whitty (Chemistry)	Chair	2018-2019
Elena Forchielli	Daniel Segrè		2019
Bibek Thapa	Jason Rock		2020

M.A. GRADUATE STUDENT COMMITTEES, NOT LISTED ABOVE (Boston University)

NAME	ADVISOR	POSITION	DATES
Tina Arbuckle	Jim Deshler	Reader	2000-2001
Alex Baldwin	David Waxman	Reader	2001-2002
Joseph Reynolds	Tom Gilmore	Reader	2002
Vanessa Obourn	Jim Deshler	Reader	2011
Thomas Woo	David Waxman	Second Reader	2011
Finnegan Hewitt	Cyndi Bradham	Third Reader	2013
George Santos (literature)	Ulla Hansen	First Reader	2017

UNDERGRADUATE STUDENTS (Boston University)

NAME	ADVISOR	DATES	CURRENT POSITION
Essi Vulli	Research Assistant	6/98-8/98	Anesthesiologist, Phoenix, AZ
Nicolas Aguirre	Research Assistant and Undergrad Researcher	6/99-6/00	Master's of Public Health student, School of Public Health, UMDNJ, Piscataway, NJ
Gina Mantia(-Smaldone)	Undergrad Researcher, Work for Distinction	9/99-9/00	Assoc Professor, Dept of Surgical Oncology, Fox Chase Cancer Center, Philadelphia, PA
Brian McLaughlin	Undergrad Researcher	9/00-5/01	Clinical Administrator, Dana-Farber Cancer Institute
Michael Arena	Undergrad Researcher	1/01-5/01	Medical Student, Boston Univ. School of Medicine
Pavani Srimatkandada	Undergrad Researcher, UROP funding	9/01-5/02	Research Technician, Yale Medical School
Vikram Sathyendra	SREU Summer Researcher	6/02-11/02	
Tracy Madsen	Undergrad Researcher	9/02-5/04	Assoc Prof, Emergency Medicine, Alpert Medical School of Brown University; Assoc Prof, Epidemiology, Brown University School of Public Health
Heather McManus	Undergrad Researcher, Work for Distinction, UROP funding (summer)	9/02-5/04	Director of Operations, Watertown Community Foundation, Watertown, MA
Tiffany Elliott	SREU Summer Researcher	6/03-5/04	Technical Staff, MIT Lincoln Laboratory
Sara Allawi	BU Academy student	6/03-8/03	Attorney/Partner, Kirkland & Ellis, New York, NY.
Felix Nautsch	Undergrad Researcher UROP funding	9/05-5/07	Diagnostic/Interventional Radiologist, WA

Sharda Mukunda	Undergrad Researcher	9/05-5/06	Primary Care Physician- Virtual, Cityblock Health, Philadelphia, PA
Zirve Yigit	Undergrad Researcher Exchange student (METU)	9/06-5/07	MS, Environmental Sciences, Bosphorus Univ, Istanbul
Xi Chen	Undergrad Researcher, Work for Distinction, UROP funding	1/07-5/09	Medical student, U Mass Worcester Medical School
Michael Kaufmann	Undergrad Researcher	5/07-5/08	Associate Director, Innovation AbbVie, New York
Ashley Graul	Undergrad Researcher (with Wendy Kuohung, BUMC)	9/07-5/08	
Nathalee Kong	Work/Study Student, Work for Distinction, Undergrad Researcher	9/07-5/09	Medical student, U Mass Worcester Medical School
Trevor Grant	BA/MA Researcher UROP/NEB funding	9/08-6/10	Research Scientist, Minerva Biotechnologies, Waltham, MA
Gina Daniel	Undergrad Researcher, Work for Distinction	1/09-5/10	Associate Medical Director at OPEN Health Communications
Julia Jezmir	Undergrad Researcher, Work for Distinction (with Barbara Nikolajczyk, BUMC)	9/08-5/09	
Laura Stevens	Undergrad Researcher (with Zhijun Luo, BUMC)	1/09-12/09	
Steven Iacono	Lab volunteer	9/09-12/09	
Lucy Claire Flynn	Undergrad Researcher, Work/Study Student, Work for Distinction, UROP: Clare Boothe Luce Scholar Award; Francis Bacon Award for Writing Excellence in the Natural Sciences	4/10-5/12	Internal Medicine MD, Brigham and Women's Physician Group, Chestnut Hill, MA
Sarah Woodson	Undergrad Researcher, Work for Distinction, UROP: CAS Summer Research Scholar	6/10-6/11	Medical Student, Univ. Penn., Philadelphia, PA
Megan Mataga	Undergrad Researcher (with Sibaji Sarkar, BUMC)	9/10-5/11	

Steven Kim	Undergrad Researcher, Honors Research, UROP: New England Biolabs Summer Award	1/11-6/13	Medical Student, Temple University School of Medicine, Philadelphia, PA
Carmine Ballarano	Work/Study student, UROP: CAS Summer Research Scholar	5/11-8/12	Fellow, Clinical Trainee, Internal medicine, Brigham & Women's Hospital, Boston, MA
Stephanie (Qianhui) Liang	Undergrad Researcher, UROP (Spring '12, '13) Honors Research	5/11-5/14	Medical student, Boston Univ., Boston, MA
Casandra Chen	UROP Frog (Fall 2011)	9/11-5/12	MD, 4 th -year Resident, Dept Neurology, Brown University
Umaru Barrie (U Mass, Amherst)	SURF (Summer 2012)	6/12-8/12	MD, Resident, Family medicine, Duke University, NC
Linying Zhang	Undergrad Researcher, Honors Research	3/13-5/14	Assistant Professor, Biostats and Informatics, Washington Univ, St. Louis, MO
Mark Roberto	Undergrad Research, UROP (Fall 2013, Summer 2014)	10/13-5/15	Senior Scientist, OverT Bio New York, NY
Pooja Shah	Undergrad Researcher, Honors Research (with Bob Varelas, BUMC)	9/13-5/14	Medical Student, Boston Univ., Boston, MA
Victoria Gore	Undergrad Researcher, Honors Research (with Wendy Kuohung, BUMC)	9/13-5/14	
Wayne Cheng	Undergrad Researcher (with Hui Feng, BUMC)	9/13-12/13	
Kathryn Vessel	Undergrad Researcher UROP (Summer 2014)	9/13-12/14	SAR honor's project, Boston University
(Ian) Paolo Mauricio	BA/MA Researcher UROP FROG (Fall '14)	9/14-5/15	Emergency Medicine Resident, Boston Medical Center
Blake Chancellor	SURF student	6/14-9/14	Life Sciences Patent Agent, Wolf Greenfield, Boston, MA
Yu-Ching Chang	Undergrad Researcher (with Suesong Gu, Harvard Med School)	9/15-	
Amber Willbanks	Undergrad Researcher (with Sibaji Sarkar, BUMC)	1/15-5/16	Undergrad Researcher, Cynthia Bradham lab, Biology, BU

Deena Qadir	BA/MA Researcher UROP (Summer 2015)	1/15-5/16	Senior Research Associate, Fulcrum Therapeutics, Cambridge, MA
Jennifer Baily	Undergrad Researcher UROP (Summer + Fall 2016; Spring 2017)	2/15-6/17	Academic Advisor, Oregon State University, Corvallis, OR
James Whall	Undergrad Researcher UROP (Fall 2015, Spring 2017)	2/15-6/17	Medical Student, California Northstate University, Elk Grove, CA
Pietro Scribani Rossi	BA/MA Researcher UROP (Summer 2016)	1/16-6/17	Medical Student, Sapienza University of Rome, Rome, Italy
Elizabeth Kaplun	Undergrad Researcher (Yilmaz lab, MIT)	9/16-12/16	
Elizabeth Grinkevich	BA/MA Researcher UROP (Spring + Summer 2017)	1/17-12/17	Research Assoc I, Greka lab, Broad Institute, Cambridge, MA
Flaminio Pavesi	BA/MA Researcher	1/17-5/18	Medical Student, Boston Univ., Boston, MA
Selin Gumusderelioglu	Undergrad Honor's Researcher UROP (Summer 2018)	1/17-5/19	PhD student, Starr & Luxton labs, UC Davis, CA
Kevin Cordeiro	Undergrad Researcher (Mellott lab, BUMC)	9/17-12/18	
Elyse Olesinski	Undergrad Researcher (Letai lab, DFCI)	6/18-5/20	
Phoebe Asante	Undergrad Researcher (Feng lab, BUMC)	9/18-5/19	
Arshan Mizani	Undergrad Researcher (Niebert lab, HMS)	9/18-5/19	
Shivani Mehta	Undergrad Researcher (Donnino lab, BIDMC)	9/18-5/19	
Jean Luc Germany	Biology Honor's Research	9/18-5/19	Internist Residency, University of Illinois at Chicago Nephrology, Chicago IL
Tricia Post	BA/MA Research (Vegas lab, Chemistry)	9/18-12/18	
Calvin Pang	Undergrad Researcher UROP Spring 2020	9/19-6/20	

Yessika Santos-Genao Undergrad Researcher 9/22-12/22
Co-advisor: SE Schaus

UNDERGRADUATE STUDENT COMMITTEES FOR HONORS RESEARCH/DISTINCTION
(Boston University)

NAME	ADVISOR	POSITION	YEAR
Gina Mantia	Ulla Hansen	First Reader	2000
Laura Quinnan	Geoffrey Cooper	Third Reader	2000
Ghassan Ghorayeb	Geoffrey Cooper	Second Reader	2000
Luke Lin	David Waxman	Third Reader	2000
Evan Dvorin	Tom Gilmore	Third Reader	2000
Rahmat Muhammad	Geoffrey Cooper		2003
Daniel Bellott	Jim Deshler		2003
Tracy Madsen	Ulla Hansen	First Reader	2004
Heather McManus	Ulla Hansen	First Reader	2004
Hsuan-Ting (Emily) Huang	Frank Naya		2005
Alexandra Teixeira	Geoffrey Cooper	Second Reader	2008
Xi Chen	Ulla Hansen	First Reader	2009
Nathalee Kong	Ulla Hansen	First Reader	2009
Julia Jezmir	Ulla Hansen (Nikolajczyk)	First Reader	2009
Gina Daniel	Ulla Hansen	First Reader	2010
Melissa Hendershott	Geoffrey Cooper		2009
Yasmin Akbari	Geoffrey Cooper (Liou)		2010
Sarah Woodson	Ulla Hansen	First Reader	2011
Lucy Flynn	Ulla Hansen	First Reader	2012
Evan Conaway	Cyndi Bradham		2012
Greg Salimando	Shelley Russek	Chair	2012
Steven Kim	Ulla Hansen	First Reader	2013
Qianhui (Stephanie) Liang	Ulla Hansen	First Reader	2014
Linying Zhang	Ulla Hansen	First Reader	2014
Pooja Shah	Ulla Hansen (Varelas)	First Reader	2014
Victoria Gore	Ulla Hansen (Kuohung)	First Reader	2014
Ian Murray	Cyndi Bradham		2014
Mark Roberto	Ulla Hansen	First Reader	2015
Paul Armenta	Geoffrey Cooper		2015
Nanrui (Willie) Tan	Trevor Siggers		2015
James Whall	Ulla Hansen	First Reader	2017
Vanessa Hayashi	Valentina Perissi	Chair	2018
Selin Gumusderelioglu	Ulla Hansen	First Reader	2019
Jean Luc Germany	Ulla Hansen	First Reader	2019
Johanna Wefes-Potter	Andrew Emili		2020

RESEARCH FUNDING TO HANSEN LABORATORY (since arrival to BU: 1998-2021)

(Fellowship awards to graduate students not included)

PAST SUPPORT (while at Boston University) (Total annual costs are indicated)

Sponsored Research Agreement Schaus, Hansen (PIs)
 Shepherd Therapeutics 2/10/20-3/31/21 \$148,715 (Total award costs)
 50% IDC to Biology Dept.
 Treatment of HCC by Targeting LSF with Small Molecules

Ignition Award Schaus (PI); Hansen, Chitalia/BMC (Co-PIs)
 Office of Technology Development, BU 6/1/20-5/31/21 \$ 75,000 (Total costs)
 Targeting LSF for the Treatment of Colorectal Cancer

Integrated Pilot Award Hansen (lead PI), Emili (other PI)
 Center for Translational Science Inst, BU 8/15/18-8/14/19 \$15,000 (Direct costs)
 Identification of LSF-partner protein interactions involved in mitotic progression: proteomics analysis

Ignition Award Schaus (PI), Hansen (co-PI)
 BU (Office of Technology Development) 7/1/17-3/30/19 \$50,000 (Direct costs)
 Costs for external contracting work for equal collaborative project
 Orally Bioavailable Treatment for Liver Cancer

Sponsored Research Agreement Hansen, Schaus (PIs)
 PharmLogic, Inc. 1/1/14-6/30/15 \$367,142 (Total award costs)
 60% IDC to Biology Dept.
 Treatment of HCC by Targeting LSF with Small Molecules: Animal models and PK studies

DGE-0654108 Benson (PI)
 National Science Foundation 7/1/07-6/30/14 \$3,200,000 (Total award costs)
 Role: Faculty member and challenge project advisor
 IGERT Training grant: Integrating computational science into research in biological networks.

Ignition Award Hansen (PI)
 BU (Office of Technology Development) 3/15/13-6/14/14 \$50,000
 Commercialization of LSF inhibitors for treatment of liver cancer

Ignition Award Hansen (PI); Schaus (co-PI)
 BU (Office of Technology Development) 7/1/11-2/19/13 \$50,000
 Characterization of LSF Small Molecule Inhibitors for Utility in Treatment of Hepatocellular Carcinoma

Johnson & Johnson Service, Inc. Hansen (PI)
Clinical Innovator's Award (CIAP) 6/1/11-8/31/12 \$40,000
 Characterization of LSF Small Molecule Inhibitors for Utility in Treatment of Hepatocellular Carcinoma

Affinity Research Collaborative (ARC) Award Fried, Pilch (co-PI's)
 Evans Center for Interdisciplinary Biomedical Research Hansen (participating faculty)
 Boston University 12/1/09-11/31/11 \$ 50,000/year
 \$ 15,000/year to Hansen lab
 Sex Differences in Adipose Tissue: Mechanisms and Role in Disease Risk Associated with Obesity

Center for Neuroscience seed funding Hansen (PI)
 Boston University Abraham, Russek, Karnovsky (co-PIs)
 7/1/08-6/30/10 \$ 65,000/year
 \$ 20,000-30,000/year to Hansen lab
 Probing the Relationship between Neuronal Cell Cycle Control and Cognition: Translational
 Research Aspects of Alzheimer's Disease, Epilepsy, and Depression

Mary Erskine Catalyst Award Hansen (PI of specific project)
 from NSF PAID Award #HRD0820175 9/1/09-8/31/10 \$20,000
 Relevance of Transcription Factor LSF to Metastatic Melanoma: Initiation of Translational
 Studies

Genome Science Institute Seed Grant Finnerty, Hansen, Xiao (co-PIs)
 Boston University 5/15/09-6/1/10 \$10,000
 Possible Functional Diversification of the CP2 and p53 Protein Families from a Common
 Ancestor early in Animal Evolution - Evidence from the Basal Animal Model, *Nematostella*
vectensis.

SPRInG Award Hansen (PI)
 Boston University 5/15/06-12/31/07 \$25,000
 Direct Molecular Targets of Estrogen Function in the Vasculature

1 F33 HL78163-01 Hansen (PI)
 National Institutes of Health/NHLBI 7/1/04-11/30/05 \$51,036
 eNOS Promoter Activation by Estrogen in Vascular Cells
 This was a sabbatical fellowship award to perform research in the laboratory of Michael
 Mendelsohn, M.D. in the Molecular Cardiology Research Institute at Tufts-New England
 Medical Center, Boston, MA

1 P20 GM66401-01 C. DeLisi, G.M. Cooper (PIs)
 NIH/NIAID National Institutes of Health (PRE-NPEBC) Hansen: Project leader 8.3% effort
 9/1/02 - 8/31/06 \$488,250/year
 \$107,000/year for Hansen lab
 Computational Methods for Cell Systems Analysis

R01 CA81157-05 Hansen (PI)
 National Institutes of Health/NCI 4/1/99-3/31/05 \$288,000/year
 LSF and Mammalian Cell Cycle Progression

R01 CA81157-05S1 Hansen (PI)
 National Institutes of Health/NCI 4/1/04-3/31/05 \$68,534/year
 LSF and Mammalian Cell Cycle Progression
 This was an award to supplement award #R01 CA81157-05, listed above.

R01 GM54808-05 Hansen (PI)
 National Institutes of Health/NIGMS 4/1/98 - 3/31/03 \$277,407/year
 Transcriptional Induction by the Human HMG-14 Protein

RPG-95-005-TBE Hansen (PI)
 American Cancer Society, Inc. 1/1/99 - 12/31/01 \$121,500/year
 Activation by Estrogen Receptor of Native, Chromatin-Assembled Promoters

NATIONAL/INTERNATIONAL CONTRIBUTIONS:
Presentations at Symposia (1978 - 2008)

Year	Date	Meeting	Title of Presentation
1978	8/15-19	Bacteriophage Meeting Cold Spring Harbor Laboratory Cold Spring Harbor, NY	A non-cycling activity assay for the sigma subunit of <i>E. coli</i> RNA polymerase U Hansen, W McClure
1979	8/21-26	Bacteriophage Meeting Cold Spring Harbor Laboratory Cold Spring Harbor, NY	Release of sigma from <i>E. coli</i> after initiation of transcription. U Hansen, W McClure
1980	8/13	Cold Spring Harbor Meetings: Tumor Virus Meeting "SV40, Polyoma, and Adenoviruses" Cold Spring Harbor Laboratory, CSH, NY	T antigen repression of SV40 early transcription from two promoters (approximate title) U Hansen, H Handa, C Cepko, D Tenen, D Livingston, J Manley, M Gefter, PA Sharp
1983	6/27-7/1	Gordon Research Conferences "Biology Regulatory Mechanisms" Holderness School, Plymouth, NH	Workshop oral presentation
	8/1	The Imperial Cancer Research Fund Tumour Virus meeting SV40, Polyoma and Adenoviruses Churchill College, Cambridge, England	Upstream DNA sequences and a positive regulatory factor required for SV40 transcription <i>in vitro</i> . U Hansen, PA Sharp
1984	6/18-22	Gordon Research Conferences "Animal Cells and Viruses" Tilton School, Tilton, NH	Nitrocellulose filter-binding assay for the cellular protein(s) specifically binding the 21 bp repeat region of the SV40 promoters (possible topic; 5' talk)
1985	9/6	Third Cold Spring Harbor Meeting on Cancer Cells J Sambrook Honorary meeting DNA Tumor Viruses: Control of Gene Expression and Replication Cold Spring Harbor, CSH, NY	Purification of factor binding 21 bp repeats for SV40 late transcription (short talk)
	3/30-4/6	UCLA Symposia "Sequence Specificity in Transcription and Translation" Steamboat Springs, CO	

1986	8/15	Cold Spring Harbor Meetings: Tumor Virus Meeting "SV40, Polyoma, and Adenoviruses" Cold Spring Harbor Laboratory, CSH, NY	Stimulation of the post-replicative (late) mode of SV40 transcription by a cellular factor which specifically binds the SV40 21 bp repeats. CH Kim, C Heath, A Bertuch, U Hansen
1989	7/25	The Imperial Cancer Research Fund DNA Tumour Virus meeting SV40, Polyoma & Adenoviruses Churchill College, Cambridge, England	Cellular transcription factor LSF binds to two different sequence motifs in the SV40 promoter region H-C Huang, R Sundseth, U Hansen
1990	8/17	Cold Spring Harbor Meeting Tumor Virus Meeting SV40, Polyoma, and Adenoviruses Cold Spring Harbor Laboratory, CSH, NY	Control of transcription from the SV40 late promoter by LSF and by the SV40 T antigen R Sundseth, P Casaz, U Hansen
1992	7/29	Gordon Research Conference "Chromatin"	HMG-14 activates transcription
	8/15	Cold Spring Harbor Meeting "Molecular Biology of SV40, Polyoma, and Adenoviruses" Cold Spring Harbor Laboratory, CSH, NY	Cell growth regulation of the mammalian transcription factor LSF (late SV40 factor) J Volker, L Rameh, C Powell, U Hansen
1993	6/14	Gordon Research Conference "Biological Regulatory Mechanisms"	LSF: DNA binding and biological regulation; potential regulator of cell growth and cell cycle [approximate title]
	9/2	Cold Spring Harbor Meeting "Mechanisms of Eukaryotic Transcription"	Mapping and mutagenesis of repression domain of <i>Krüppel</i>
1994	5/19	Massachusetts Department of Public Health, Boston, MA, Breast Cancer Award Symposium	Transcriptional activation by estrogen receptor on chromatin templates
	6/6	Massachusetts Institute of Technology, Boston, MA, Symposium honoring Phillip A. Sharp	From SV40 to chromatin and cell growth/cycle: transcriptional controls
1995	4/5	Keystone Symposium "Epigenetic Regulation of Transcription", Hilton Head Island, SC	Roles of HMG-14 and histone H1 in transcriptional elongation on chromatin templates
	6/26	FASEB Summer Research Conference, Snowmass Village, CO "Chromatin and Transcription"	Transcriptional and structural counterpoint between histone H1 and chromosomal protein HMG-14
	8/4	Summer Symposium in Molecular Biology, Penn State, University Park, PA "Chromosomal Controls of Gene Expression" Session Chair and Speaker	Chromosomal proteins HMG-14/-17 alleviate histone H1-mediated transcriptional and structural effects
	9/1	Cold Spring Harbor Cancer Cells Meeting "Mechanisms of Eukaryotic Transcription" Cold Spring Harbor Laboratory, CSH, NY	Nonhistone chromosomal protein HMG-14 alleviates transcriptional repression and chromatin compaction by histone H1 H-F Ding, M Bustin, U Hansen

1996	7/17	Gordon Research Conference "Nuclear Proteins, Chromatin Structure and Gene Regulation" Tilton, NH	Involvement of HMG-14 and other family members in rapid transcriptional induction in mammalian cells
	10/19	Cambridge Symposia "Cell Cycle Control: Regulatory Signals and Clinical Applications" Bolton Valley, VT	Regulation and function of transcription factor LSF during cell cycle progression
1997	7/7	Gordon Research Conference "Molecular and Genetic Basis of Cell Proliferation" Colby Sawyer College, NH	LSF mediates G1/S-stimulated expression of the mouse thymidylate synthase gene
2000	3/4	Society for the Advancement of Women's Health Research Conference "Sex and Gene Expression", Graylyn International Conference Center, Winston-Salem, North Carolina	Histone acetylation at the estrogen-responsive pS2 promoter
2002	7/25	BCMP Minisymposium "The Biochemistry of Eukaryotic Transcription", Harvard Medical School, Boston, MA	Cell cycle, growth, and survival as regulated by the transcription factor LSF
2003	3/21	Society for Women's Health Fourth Annual Conference on "Sex and Gene Expression", Graylyn International Conference Center, Winston-Salem, North Carolina Panel Moderator and Speaker	Genomic targets of nuclear estrogen receptors
2005	10/12	Boston University, Boston, MA, LSEB Dedication Symposium	Estrogen receptors: Biological complexities meet computational approaches
2007	6/26	Session Chair and Speaker Boston Area Gene Expression Meeting Tufts University School of Medicine, Boston, MA	Transcription factor LSF and the regulation of cell cycle entry and exit
2008	7/28	Bregenz Summer School on Endocrinology: "Nuclear Receptors in Health and Disease", Monastery Mehrerau, Bregenz, Austria	Estrogen receptors and the vascular system

REGIONAL/NATIONAL CONTRIBUTIONS:**Invited Presentations at Institutions (1979 - 2018)**

Year	Date	Institution	Title of Presentation
1979		University of Alberta, Edmonton, Canada	
1981	6/19	Emory University School of Medicine, Atlanta, GA, Department of Biochemistry	
	12/10	Sidney Farber Cancer Institute, Boston, MA	RNA polymerase II, T antigen, and early SV40 genes
1982	3/8	Worcester Foundation for Experimental Biology, Shrewsbury, MA	
1983	9/26	Massachusetts Institute of Technology, Cambridge, MA, Biochemistry Seminar	General lecture on promoters/enhancers, in vivo vs in vitro, then SV40 sequences and assays in vivo and in vitro, plus purification of factors
1984	12/14	McGill University, Montreal, Canada, McGill Cancer Center; Women's Centennial Celebration of McGill University	Regulation of SV40 transcription: T antigen repression, promoter elements, assay for purification of binding proteins
1985	5/1	The University of Connecticut, Farmington, CT, Department of Microbiology	SV40 as model system to investigate RNA polymerase II transcription: promoters structures, binding proteins purification, minichromosomes transcription
	6/4	National Cancer Institute, National Institutes of Health, Bethesda, MD, Laboratory of Molecular Virology (Khoury/Brady)	Progress report: T antigen binding sites, initial purification and characterization of novel SV40-binding TF, transcription of minichromosomes
1987	4/24	National Cancer Institute, National Institutes of Health, Bethesda, MD, Laboratory of Molecular Virology (Khoury/Brady labs)	SV40 transcription <i>in vitro</i> : Activation of initiation sites used late in the lytic cycle
	4/27	Harvard Medical School, Boston, MA, Department of Cardiology, Basic Science Seminar Series	Activation of SV40 late transcription by the cellular transcription factor LSF
1988	1/19	Dana-Farber Cancer Institute, Boston, MA, Seminars in Oncology	Mammalian transcription factors regulating Simian Virus 40 gene expression
1989	12/4	Walden Unit of the American Cancer Society, Board of Director's Meeting, Emerson Hospital, Concord, MA	Mammalian transcription machinery and control of cell growth
1990	4/17	Bedford Rotary Club meeting, representing the American Cancer Society, Hanscom Air Force Base Officer's Club, Bedford, MA	Glimpse of some of basic research funded by ACS at the DFCI, which includes both clinical and basic research efforts

1991	10/10	Department of Biochemistry, Boston University Medical School, Boston, MA	Activation and repression of RNA polymerase II transcription
1993	1/14	University of Pittsburgh School of Medicine, Pittsburgh, PA, Department of Molecular Genetics and Biochemistry	LSF: DNA binding and biological regulation; potential regulator of cell growth and cell cycle [approximate title]
	3/2	Dana-Farber Cancer Institute, Boston, MA, Seminars in Oncology	LSF: DNA binding and biological regulation; potential regulator of cell growth and cell cycle [approximate title]
	??	Tufts University School of Medicine, Boston, MA, Department of Physiology	Transcription activator LSF: Novel binding protein and potential cell growth/cycle regulator
	5/3	Scripps Research Institute, La Jolla, CA, Department of Molecular Biology	Transcription activator LSF: Novel DNA-binding protein and potential cell growth/cycle regulator
		University of Connecticut, Storrs, CT, Department of Molecular and Cellular Biology	
	10/21	Mount Sinai School of Medicine, New York, NY, Brookdale Center for Molecular Biology	LSF: Modulation of DNA-binding during cell growth and cell cycle
	10/12	Tufts University School of Medicine, Boston, MA, Department of Biochemistry, Host: Amy Yee	LSF: Modulation of DNA-binding during cell growth and cell cycle
1994		Harvard Medical School, Boston, MA, Committee on Virology	
1995	1/18	University of Texas Health Science Center, San Antonio, TX, Center for Molecular Medicine [Subsequent visit to IBT and UTHSCSA with Keith 3/27-29]	Regulation of RNA polymerase II transcription: Cell cycle and chromatin controls
	3/24	National Institutes of Health, Bethesda, MD, National Cancer Institute, Michael Bustin, host	Chromatin regulation of RNA polymerase II transcription [SV40 minichromosomes as a tool]
	5/30	University of Oregon, Eugene, OR, Institute of Molecular Biology, Diane Hawley, host	Roles of HMG-14 and histone H1 in transcriptional elongation on chromatin templates
	5/31	Fred Hutchinson Cancer Center, Seattle, WA Paul Neiman, host	Transcriptional and structural counterpoint between histone H1 and chromosomal protein HMG-14
	9/12	Dana-Farber Cancer Institute, Boston, MA, Seminars in Oncology, A. D'Andrea, host	Transcriptional and structural counterpoint between histone H1 and chromosomal protein HMG-14
	10/11	Harvard Medical School, Boston, MA, Department of Microbiology and Molecular Genetics	Transcriptional and structural counterpoint between histone H1 and chromosomal protein HMG-14

	10/25	Tufts University School of Medicine, Boston, MA, Department of Molecular Biology and Microbiology	Transcriptional and structural counterpoint between histone H1 and chromosomal protein HMG-14
	11/8	Mount Sinai School of Medicine, New York, NY, The Derald H. Ruttenberg Cancer Center, Jonathan Licht, host	Transcriptional and structural counterpoint between histone H1 and chromosomal protein HMG-14
	11/14	Medical College of Georgia, Augusta, GA, Institute of Molecular Medicine and Genetics	Transcriptional and structural counterpoint between histone H1 and chromosomal protein HMG-14
	11/19	Louisiana State University Medical Center, New Orleans, LA, Stanley S. Scott Cancer Center	Transcriptional and structural counterpoint between histone H1 and chromosomal protein HMG-14
	12/8	University of Massachusetts Medical Center, Worcester, MA, Department of Molecular Genetics and Microbiology	Transcriptional and structural counterpoint between histone H1 and chromosomal protein HMG-14
1996	2/13	University of Georgia, Athens, GA, Department of Biochemistry	Transcriptional and structural counterpoint between histone H1 and chromosomal protein HMG-14
	2/13	Emory University School of Medicine, Atlanta, GA, Division of Pediatric Endocrinology, John Parks, host	Cell growth and cell cycle regulation of LSF DNA-binding activity
	5/20	Medical College of Georgia, Augusta, GA, The Institute of Molecular Medicine and Genetics	A transcription factor regulated at the G0/G1 transition and at the restriction point
	4/3	Vanderbilt University, Nashville, TN, Department of Molecular Biology, and Cancer Center	Transcriptional and structural counterpoint between the acidic activation region of HMG-14 and histone H1
	4/17	Harvard Medical School, Boston, MA, Department of Pathology	Transcriptional and structural counterpoint between the acidic activation region of HMG-14 and histone H1
	11/21	Harvard Medical School, Boston, MA, Committee on Virology	Regulation and function of transcription factor LSF during cell cycle progression
	12/18	Schepens Eye Research Institute, Boston, MA	HMG-14 counters histone H1 repression of transcription
1997	7/24	Boston University, Boston, MA, Department of Biology	Mammalian transcription factor LSF and cell cycle progression
1998	3/17	Brown University, Providence RI, Department of Molecular Biology, Cell Biology, and Biochemistry	Transcriptional regulation on chromatin templates: HMG-14, histone acetylation, and histone H1
	4/1	Oberlin College, Oberlin, OH, Chemistry Department	Activation of chromatin-packaged genes for transcription in mammalian cells

1999	2/23	Boston University School of Medicine, Boston, MA, Department of Biochemistry	Regulation of cell cycle by the mammalian transcription factor LSF
	3/19	Boston University School of Medicine, Boston, MA, Department of Pathology and Laboratory Medicine	Chromatin structure and regulation of an estrogen-responsive promoter
	10/21	LSU Medical Center, Shreveport, LA, Department of Biochemistry and Molecular Biology	Chromatin structure and regulation of an estrogen-responsive promoter
	4/28	University of Houston-Downtown, Houston, Texas, The Center for Computational Sciences and Advanced Distributed Simulation	Global analysis of gene expression: One of the many challenges in bioinformatics
2000	2/3	University of South Florida, Tampa, FL, Institute for Biomolecular Science, Lee Moffitt Cancer Center	Regulation of cell cycle by the mammalian transcription factor LSF
	10/3	Massachusetts General Hospital, Harvard Medical School, Boston, MA, Department of Reproductive Endocrinology, Harvard Reproductive Endocrine Sciences Center Seminar Series	The role of chromatin in activation of a natural, estrogen-responsive promoter
	11/8	University of Massachusetts Medical Center, Worcester, MA, Department of Cell Biology	Chromatin involvement in nuclear hormone receptor activation
	11/29	Boston University School of Medicine, Boston, MA, Department of Pharmacology	Regulation of thymidylate synthase expression by LSF: Cell cycle and apoptosis
2001	12/20	Boston University School of Medicine, Boston, MA, Department of Medicine, Hematology/Oncology Research Roundtable	Transcription factor LSF: Integrator of signaling pathways and cell cycle progression
2003	3/5	Boston University School of Medicine, Boston, MA, Rheumatology Grand Rounds, Arthritis Center	Transcription factor LSF: Integrator of signaling in cell cycle and cell survival pathways
	5/15	Boston University School of Medicine, Boston, MA, Department of Genetics and Genomics	Regulation of estrogen receptor-response genes
2005	2/15	Boston University Goldman School of Dental Medicine, Boston, MA, Department of Molecular and Cell Biology	Transcription factor LSF in cell growth and cell cycle regulation
	4/26	The Johns Hopkins University, School of Medicine, Baltimore, MD, Johns Hopkins Immunology Council	LSF transcription factor family represses class switch recombination

	4/27	The Johns Hopkins University, School of Medicine, Baltimore, MD, Johns Hopkins Asthma and Allergy Center	Transcription factor LSF in cell growth and cell cycle regulation
	5/25	University of Massachusetts Medical School, Worcester, MA, Department of Cell Biology	Transcription factor LSF in cell growth and cell cycle regulation
2007	3/22	Women in Biology, Boston University, Boston MA	Success in science: Mutual support among women scientists
2009	5/5	Virginia Commonwealth University, Richmond, VA, Department of Human and Molecular Genetics	Off and On: Transcription control by LSF from quiescence to S phase
	6/17	Center for Neuroscience, Boston University, Annual Retreat	LSF phosphorylation and stability in neurons and functional ramifications
	10/15	New England BioLabs, Ipswich, MA	Off and On: Transcription control by LSF from quiescence to S phase
2010	10/?	San Antonio, TX	Topic: bioinformatics application
2011	1/6	Alnylam Pharmaceuticals, Cambridge, MA	Transcription factor LSF: Cell cycle regulator and hepatocellular carcinoma oncogene
	2/15	Boston University School of Medicine, Boston, MA, Department of Biochemistry	Transcription factor LSF: Cell cycle control and hepatocellular carcinoma
2013	3/11	Boston University School of Medicine, Boston MA, Department of Microbiology Microbial Pathogenesis and Host Defense Seminars	Transcription factor LSF: Achilles heel for hepatocellular carcinoma?
2016	1/8	Boston University-wide Cancer-Focused Seminar Series, Boston MA	LSF as a chemotherapeutic target for hepatocellular carcinoma
2017	6/28	BU-NIBR Kick Starter "Biomarkers in Oncology and Immuno-Oncology"	LSF regulates cell cycle, can drive hepatocellular carcinoma, and specific LSF inhibitors abate tumor growth
		Novartis Institutes for BioMedical Research, Cambridge MA	Transcription factor LSF: Therapeutic target for hepatocellular carcinoma
2018	3/8	Novartis Institutes for BioMedical Research, Cambridge MA	LSF: Multiple points of growth control

INTERNAL CONTRIBUTIONS:

Invited Presentations at Institutions (1984 – 2005)

Year	Date	Institution	Title of Presentation
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1984	5/23	"Floor meeting", Dana-Farber Cancer Institute, Boston, MA	Topics: 21-bp repeats, DNA-binding filter assay, initial purification steps
	12/19	"Floor meeting", Dana-Farber Cancer Institute, Boston, MA	Topics: Regulation of pol II transcription – T antigen repression, summary of present status of SV40 DNA-binding protein
1985	10/9	Research Seminar, Dana-Farber Cancer Institute, Boston, MA	Control of eukaryotic transcription
1986	3/5	Virology Dinner Club, Harvard Medical School and Associated Institutions, Dana-Farber Cancer Institute, Boston, MA	Cellular transcription factors regulating SV40 transcription
	6/11	Combined Livingston/Roberts/Hansen meeting, Dana-Farber Cancer Institute, Boston, MA	Topics: LSF differs from Sp1, Function of promoter sequences, minichromosomes
	10/3	Oncology Fellow's Journal Club/Cancer Biology Seminar, Dana-Farber Cancer Institute, Boston, MA	Topic: SV40 as model for RNA pol II regulation; 21 bp repeats – protein purification and characterization; minichromosomes
	10/29	Virology Research Meetings, Harvard Medical School, Boston, MA	Regulation of gene expression of SV40
1987	6/3	Combined Livingston/Roberts/Hansen meeting, Dana-Farber Cancer Institute, Boston, MA	Topic: mainly purification of SV40-binding proteins and footprinting
	11/30	Combined Hansen/Sharp/Kingston/Moore meeting, Boston, MA	Topic: Orientation and position dependence of promoter elements?
	12/2	Virology Research Meetings, Harvard Medical School, Boston, MA	Regulation of Simian Virus 40 transcription
1988	1/6	Virology Dinner Club, Harvard Medical School and Associated Institutions, Dana-Farber Cancer Institute, Boston, MA	Regulation of Simian Virus 40 transcription
	2/19		no record
	12/5	Microbiology Journal Club, Harvard Medical School, Boston, MA	In vitro initiation of transcription from SV40 minichromosomes mimics the in vivo pattern of gene transcription
1989	1/20	Oncology Fellow's Journal Club/Cancer Biology Seminar, Dana-Farber Cancer Institute, Boston, MA	Topics included: LSF and SV40 gene expression, chromatin and SV40 minichromosomes, Krüppel-like genes
	2/23	Microbiology Faculty Presentation, Harvard Medical School, Boston, MA	Topics covered: Regulation of pol II transcription – DNA-binding TFs, mechanisms of activation/repression (e.g.

			<i>Drosophila</i> Krüppel), biological regulation, chromatin effects; focus on LSF
	3/29	Committee on Virology, Harvard Medical School, Boston, MA	Cellular transcription factors stimulating SV40 late transcription
	10/13	Oncology Fellow's Journal Club/Cancer Biology Seminar, Dana-Farber Cancer Institute, Boston, MA	Topic covered: SV40 as model for RNA pol II transcriptional regulation, LSF (& other factors) purification, DNA-binding properties, transcription properties, EGR1,2
	10/22	7 th Annual Weekend Retreat, Harvard/MIT MD-PhD Program, Mount Washington (Bretton Woods), NH	Topic covered: SV40 as model for RNA pol II transcriptional regulation, LSF purification, DNA-binding properties, transcription properties
1990	2/23	Microbiology Journal Club, Harvard Medical School, Boston, MA	Unusual DNA-binding and transcription properties of the human transcription factor LSF
	3/22	Tridepartment Retreat, Harvard Medical School, Chatham Bars Inn, Chatham, MA	Activators and repressors of RNA polymerase II transcription
1991	2/27	Committee on Virology, Harvard Medical School, Boston, MA	Cellular transcription factors and chromatin regulate SV40 late transcription
	11/8	Microbiology Journal Club, Harvard Medical School, Boston, MA	Cell cycle regulation of the mammalian transcription factor LSF
	11/20	Tridepartment Dinner/Seminar Series (Graduate students), Harvard Medical School, Boston MA	Activation and repression of RNA polymerase II transcription
1992	11/12	Committee on Virology, Harvard Medical School, Boston, MA	Cell growth regulation of the mammalian transcription factor LSF (Late SV40 Factor)
1993	1/15	Burlington 4 Floor Talk, Dana-Farber Cancer Institute, Boston, MA	Topics covered: T antigen activation, LSF DNA-binding and biological regulation, chromatin, Krüppel repression from a distance
	3/8	Department of Microbiology and Molecular Genetics Journal Club, Harvard Medical School, Boston, MA	Long-distance repression of transcription
	5/13	Second Drug Discovery Program, Dana-Farber Cancer Institute, Boston, MA	LSF: Cell growth and cell cycle transcriptional regulator?
	6/2	"Sandoz", Dana-Farber Cancer Institute, Boston, MA [Distinct talk?]	Transcription activator LSF: Novel DNA-binding protein and potential cell growth/cycle regulator
1994	1/31	Harvard Microbiology Department Retreat, Harvard Medical School, Gutman Conference Center, Cambridge, MA	Cell growth and cell cycle regulation of LSF DNA-binding activity
	12/15	Committee on Virology, Harvard Medical School	Chromatin regulation of RNA polymerase II transcription

1996	5/5	Harvard Microbiology Department Retreat, Harvard Medical School, Seacrest Resort and Conference Center, North Falmouth, MA	LSF: A transcription factor regulated at the G0/G1 transition and the restriction point
1997	10/6	Microbiology Department Journal Club, Harvard Medical School, Boston, MA	The rise and fall of LSF: The G1/S progression”
1998	3/1	BU Graduate Student Recruitment: MCBB, CM	Cell cycle progression and the transcription factor LSF
1999	2/28	Graduate student recruitment: MCBB, CM, PER, Neuro, Bioinformatics	Regulation of cell cycle by the mammalian transcription factor LSF
2000	2/13	Graduate student weekend, Biological Sciences Programs, Boston University	Cell cycle vs. cell death: Contributions of the transcription factor LSF
	4/3	BMB Club	Regulation of cell cycle by the mammalian transcription factor LSF
	7/6	Biology Department Faculty meeting with Ares-Serono group, Boston University	Cell signaling and transcription: Estrogen receptor, chromatin, and cell cycle regulation
	10/15	Biology Department Retreat, Boston University, Sargent Camp, NH	Chromatin and regulation of gene expression in mammals
2001	11/16	BU Biology Department Alumni Council Meeting [First powerpoint presentation!]	Cell growth, cycle, and survival as regulated by the transcription factor LSF
2002	3/10	Biology Graduate Student Recruitment Weekend, Boston University	Transcription factor LSF: Integrator of signaling pathways and cell cycle progression
2003	??	5 th Annual Molecular Cardiology Research Institute Retreat, Tufts-New England Medical Center, Marine Biological Laboratories, Woods Hole, MA	Computational predictions of human promoters
2005	10/12	LSEB Dedication Symposium, Boston University	Estrogen receptors: Biological complexity meets computational approaches

POSTER PRESENTATIONS (1983-2020)

Year	Date	Meeting	Title of Presentation
1983	6/27-7/1	Gordon Research Conferences, Holderness School, NH, “Biological Regulatory Mechanisms”	no presentation or poster, probably
1984	4/1-6	UCLA Symposium, Steamboat Springs, CO “Molecular Biology of Development”	DNA sequences controlling transcription of SV40 promoters, and their direct interaction with a cellular protein. UM Hansen, PA Sharp, AA Bertuch

	8/16	Cold Spring Harbor Meetings: Tumor Virus Meeting "SV40, Polyoma, and Adenoviruses" Cold Spring Harbor Laboratory, CSH, NY	Nitrocellulose filter-binding assay for the cellular protein(s) specifically binding the 21 bp repeat region of the SV40 promoters. A Bertuch, U Hansen
1985	7/29-8/3	Imperial Cancer Research Fund Tumour Virus Meeting SV40, Polyoma and Adenoviruses Churchill College, Cambridge, England	Purification and characterization of cellular factors which bind specifically to the immediate upstream region of the SV40 promoters CH Kim, A Bertuch, U Hansen
	7/31	Imperial Cancer Research Fund Tumour Virus Meeting SV40, Polyoma and Adenoviruses Churchill College, Cambridge, England	The role of the 21 base pair repeats of SV40 on transcription <i>in vivo</i> . S Batson, K Detmer, R Kingston, U Hansen
?		Cold Spring Harbor Meetings "Regulation of Eukaryotic mRNA Transcription" Cold Spring Harbor Laboratory, CSH, NY	The initiation of transcription from SV40 minichromosomes <i>in vitro</i> S Batson, C Heath, M Samuels, R Sundseth, U Hansen
?		Cold Spring Harbor Meetings "Regulation of Eukaryotic mRNA Transcription" Cold Spring Harbor Laboratory, CSH, NY	DNA-binding and transcription properties of the SV40 late gene transcription factor LSF R Sundseth, H-C Huang, U Hansen
1986	4/1	UCLA Symposia on Molecular & Cellular Biology "Molecular Approaches to Developmental Biology"	SV40 expression in microinjected mouse oocytes LE Chalifour, DO Wirak, U Hansen, PM Wassarman, ML DePamphilis [I did not attend]
questionable	4/6-13	UCLA Symposia on Molecular & Cellular Biology "Transcriptional Control Mechanisms" Keystone, CO	Specific stimulation of SV40 late transcription by a factor binding the SV40 21 bp repeat region U Hansen, CH Kim, C Heath, A Bertuch
	4/11	UCLA Symposia on Molecular & Cellular Biology "Transcriptional Control Mechanisms" Keystone, CO	The role of the 21 base pair repeats of SV40 on transcription <i>in vivo</i> . S Batson, K Detmer, R Kingston, U Hansen
	8/14	Cold Spring Harbor Meetings: Tumor Virus Meeting "SV40, Polyoma, and Adenoviruses" Cold Spring Harbor Laboratory, CSH, NY	The <i>E. coli</i> lactose operon repressor and operator can function to regulate the activity of the SV40 early promoter in animal cells. M Brown, D Livingston, U Hansen, T Roberts
	8/14	Cold Spring Harbor Meetings: Tumor Virus Meeting "SV40, Polyoma, and Adenoviruses" Cold Spring Harbor Laboratory, CSH, NY	SV40 promoter analysis in microinjected mouse oocytes. LE Chalifour, DO Wirak, U Hansen, PM Wassarman, ML DePamphilis
	7/13-17	XVIth International Steenbock Symposium "RNA Polymerase and the Regulation of Transcription" University of Wisconsin - Madison	Stimulation of the post-replicative (late) model of SV40 transcription by a cellular factor which specifically binds the SV40 21 bp repeats.

			CH Kim , C Heath, A Bertuch, U Hansen
1987	11/12	A Symposium in Honor of George Khoury, MD (1943-1987); Nov. 12-14, 1987 Regulation of Viral Gene Expression Washington, DC	The initiation of transcription from SV40 minichromosomes <i>in vitro</i> . S Batson, C Heath, U Hansen
	5/18-20	Stony Brook Symposium on Molecular Biology "New Insights into the Regulation of Transcription" Stony Brook, NY	Activation of SV40 late transcription by a novel cellular factor that binds the SV40 21 bp repeats U Hansen
1988	8/11	Cold Spring Harbor Meetings: Tumor Virus Meeting SV40, Polyoma, and Adenoviruses Cold Spring Harbor Laboratory, CSH, NY,	The initiation of transcription from SV40 minichromosomes <i>in vitro</i> . S Batson , C Heath, M Samuels, U Hansen
	4/8	UCLA Symposia DNA-Protein Interactions in Transcription Keystone, CO	Two mechanisms of stimulation of Simian Virus 40 late transcription <i>in vitro</i> , by binding cellular factors either at the SV40 GC boxes or at the enhancers. H-C Huang, U Hansen
	4/8	UCLA Symposia DNA-Protein Interactions in Transcription Keystone, CO	The initiation of transcription from SV40 minichromosomes <i>in vitro</i> . S Batson, C Heath, M Samuels, U Hansen
1989	6/19-23	Gordon Research Conferences Biological Regulatory Mechanisms Holderness School, NH	HeLa transcription factor LSF binds dimeric DNA sites containing either directly repeated GC-motifs or heterodimers of a GC-motif and an unrelated sequence U Hansen , H-C Huang, R Sundseth
	9/7	Cold Spring Harbor Meeting on Cancer Cells Regulation of Eukaryotic mRNA Transcription Cold Spring Harbor Laboratory, CSH, NY	The initiation of transcription from SV40 minichromosomes <i>in vitro</i> . S Batson, C Heath, M Samuels, R Sundseth, U Hansen
1990	1/28	UCLA Symposium Transcriptional Control of Cell Growth Keystone, CO	The initiation of transcription from SV40 minichromosomes <i>in vitro</i> U Hansen, S Batson, C Heath, M Samuels, R Sundseth
	1/30	UCLA Symposium Transcriptional Control of Cell Growth Keystone, CO	Role of SV40 specific transcription factors in RNA polymerase II initiation complex formation R Sundseth, U Hansen
	7/25-27	Gordon Research Conference Nuclear Proteins, Chromatin Structure and Gene Regulation Tilton School, NH	Initiation of transcription <i>in vitro</i> from SV40 minichromosomes templates: Mimicking <i>in vivo</i> patterns of transcription. S Batson, C Heath, M Samuels, R Sundseth, S Rimsky, U Hansen

1991	6/17-18	Gordon Research Conference Biological Regulatory Mechanisms Holderness School, Plymouth, NH	Activation of RNA polymerase II transcription by the specific DNA-binding protein LSF. Increased rate of binding of the basal promoter factor TFIIB. R Sundseth, U Hansen
	8/29	Cold Spring Harbor Meeting on Cancer Cells Regulation of Eukaryotic Transcription Cold Spring Harbor Laboratory, CSH, NY	In vitro initiation of transcription by RNA polymerase II on in vivo-assembled chromatin templates S Batson, R Sundseth, S Rimsky, CV Heath, M Samuels, U Hansen
	8/30	Cold Spring Harbor Meeting on Cancer Cells Regulation of Eukaryotic Transcription Cold Spring Harbor Laboratory, CSH, NY	Functional and mutational analysis of the <i>Drosophila Krüppel</i> transcriptional repressor J Licht , M Ro, M Grossel, U Hansen
	8/30	Cold Spring Harbor Meeting on Cancer Cells Regulation of Eukaryotic Transcription Cold Spring Harbor Laboratory, CSH, NY	Activation of RNA polymerase II transcription by the specific DNA-binding protein LSF: Increased rate of binding of the basal promoter factor TFIIB. R Sundseth, U Hansen
	6/23-28	FASEB Summer Conference Chromatin and Transcription Copper Mountain, CO	The initiation of transcription from SV40 minichromosomes <i>in vitro</i> G Sewack , S Batson, C Heath, M Samuels, R Sundseth, U Hansen
1992	3/30	Keystone Symposia Fundamental Mechanisms of Transcription	Activation of RNA polymerase II transcription by the specific DNA-binding protein LSF: Increased rate of binding of TFIIB R Sundseth , U Hansen
	3/31	Keystone Symposia Fundamental Mechanisms of Transcription	Cell growth regulation of the mammalian transcription factor LSF U Hansen , L Rameh, J Volker
	7/27 & 28	Gordon Research Conferences Nuclear Proteins, Chromatin Structure, and Gene Regulation Tilton School, NH	HMG-14 on <i>in-vivo</i> assembled chromatin activates transcription <i>in vitro</i> U Hansen
1993	1/19	Keystone Symposia Transcription: Factors, Regulation and Differentiation Keystone, CO	Functional and mutational analysis of the <i>Drosophila Krüppel</i> transcriptional repressor J Licht , M English, M Ro, J Reddy, R Shaknovich, M Grossel, U Hansen.
	1/20	Keystone Symposia Transcription: Factors, Regulation and Differentiation Keystone, CO	Cell growth and cell cycle regulation of the mammalian transcription factor LSF J Volker , L Rameh, C Powell, U Hansen

	6/14-18	Gordon Research Conference Biological Regulatory Mechanisms Holderness School, Plymouth, NH	Transcription on chromatin templates: Activation by HMG-14, and elongation rates UM Hansen
	9/2	Cold Spring Harbor Meeting on Cancer Cells Mechanisms of Eukaryotic Transcription Cold Spring Harbor Laboratory, CSH, NY	HMG-14 increases the rate of elongation on SV40 minichromosomes H-F Ding, S Rimsky, S Batson, M Bustin, U Hansen
1995 ??	9/	Cold Spring Harbor Meeting on Cancer Cells Mechanisms of Eukaryotic Transcription Cold Spring Harbor Laboratory, CSH, NY	An alternatively spliced mRNA for the mammalian transcription factor LSF encodes a protein defective for DNA-binding M Shirra, Q Zhu, H-C Huang, D Pallas, U Hansen
1994	2/17	Keystone Symposia on Molecular & Cellular Biology, Keystone, CO "Basic Aspects of Transcription"	Chromosomal protein HMG-14 increases the rate of transcriptional elongation by RNA polymerase II on chromatin U Hansen, S Rimsky, SC Batson, M Bustin, H-F Ding
	2/15	Keystone Symposia on Molecular & Cellular Biology, Keystone, CO "Basic Aspects of Transcription"	A novel dimerization region is deleted in the product encoded by an alternatively spliced mRNA for the cell growth regulated transcription factor LSF M Shirra, Q Zhu, J Volker, H-C Huang, D Pallas, U Hansen
	7/17-22	DON'T KNOW WHETHER OR NOT I ATTENDED Gordon Research Conferences, Tilton, NH "Nuclear Proteins, Gene Regulation and Chromatin"	DON'T KNOW WHETHER I HAD AN ABSTRACT
1995	8/30-9/3	Cold Spring Harbor Cancer Cells Meeting, Cold Spring Harbor, NY "Mechanisms of Eukaryotic Transcription"	Mapping and mutagenesis of the transcriptional repression region of Krüppel W Hanna-Rose, J Licht, U Hansen
	5/12?	FASEB meeting	Transcriptional and structural effects of HMG-14/-17 H-F Ding, LTrieschmann, YV Postnikov, A Rickers, M Bustin, U Hansen
1996	3/17-23	Keystone Symposia, Taos, NM "Transcriptional Mechanisms"	Activation of transcription by chromosomal protein HMG-14: Reversal of transcriptional repression and chromatin compaction by histone H1 U Hansen, M Bustin, H-F Ding
	3/17-23	Keystone Symposia, Taos, NM "Transcriptional Mechanisms"	Analysis of the role of LSF in the cell cycle regulation of the mouse thymidylate synthase gene CMH Powell, U Hansen

1997	?	Keystone Meeting CHECK	Induction of apoptosis by dominant negative LSF, a transcription factor that mediates G1/S expression of the mouse thymidylate synthase gene. CMH Powell , LF Johnson, U Hansen
1998	7/13-14	Gordon Research Conferences "Chromatin Structure and Function" Tilton, NH	Binding of TATA binding protein to a naturally positioned nucleosome is facilitated by histone acetylation and by removal of histone H1 GF Sewack, U Hansen
	Dec	West Coast Chromatin meeting, Asilomar Conference Center, Pacific Grove, CA	Binding of TATA binding protein to a naturally positioned nucleosome is facilitated by histone acetylation and by removal of histone H1 GF Sewack , U Hansen
2000	5/12-16	FASEB Research Conference, Seattle, WA "Immunology 2000"	Heavy chain class switching is repressed by the ubiquitously expressed protein LSF: A transcription factor that binds immunoglobulin switch regions EE Drouin , U Hansen, CE Schrader, J Stavnezer
	7/16-21	FASEB Research Conference, Copper Mountain, CO "Post-transcriptional Control of Gene Expression"	Post-transcriptional regulation of thymidylate synthase gene expression by LSF L Johnson , T Rudge, C Powell, J Volker, U Hansen (talk)
2001	7/7-12	FASEB Summer Research Conferences, Snowmass, CO "Chromatin and Transcription"	Histone acetylation within a human, estrogen-responsive gene is dependent on RNA polymerase II elongation GF Sewack, U Hansen
2002	4/13-19	Keystone Symposia ""Nuclear Receptor Superfamily"	Transcription-dependent and -independent induction of histone acetylation within an estrogen-responsive gene GF Sewack, U Hansen
	5/8-10	National Library of Medicine, National Institutes of Health, Bethesda, MD "Chromatin Structure and Dynamics State-of-the-Art" (organizers: Sanford Leuba, Jordanka Zlatanova)	Transcription-dependent and -independent induction of histone acetylation within an estrogen-responsive gene GF Sewack, U Hansen
	5/8-10	National Library of Medicine, National Institutes of Health, Bethesda, MD "Chromatin Structure and Dynamics State-of-the-Art" (organizers: Sanford Leuba, Jordanka Zlatanova)	Binding of HMG-N1 to nucleosomes YB Zhou , U Hansen
2003	3/6-9	"Systems Biology: Genomic Approaches to Transcriptional Regulation"	Strengthening the signal for enhancer prediction: Discovery of transcription factor binding sites that cluster with known <i>cis</i> -elements

		Cold Spring Harbor Laboratory, Cold Spring Harbor, NY	MC Frith , R O'Lone, A Kauffman, Z Weng, U Hansen (talk)
2004	3/4-7	"Systems Biology: Genomic Approaches to Transcriptional Regulation" Cold Spring Harbor Laboratory, Cold Spring Harbor, NY	Computational identification of global gene regulation Z Weng , MC Frith, U Hansen
	3/4-7	"Systems Biology: Genomic Approaches to Transcriptional Regulation" Cold Spring Harbor Laboratory, Cold Spring Harbor, NY	Computational inference of transcriptional regulatory networks from expression profiling and transcription factor binding site identification P Haverty , U Hansen, Z Weng
	June	American Society of Biochemistry and Molecular Biology Conference, Boston, MA	Repression of immunoglobulin class switch recombination by the transcription factor LSF K Repetny , X Zhong, TL Rothstein, U Hansen
2006	Aug	FASEB Research Conference on "Transcriptional Regulation during Cell Growth, Differentiation, and Development,	Inhibitory growth-stimulated phosphorylation of transcription factor LSF is specifically removed in late G1 R Cacioppo, U Saxena, J Veljkovic, U Hansen
	9/21	8 th Annual Molecular Cardiology Research Institute Scientific Retreat Woods Hole, MA	ER α and ER β regulate distinct transcriptional pathways in mouse aorta: Regulation of oxidative stress and mitochondrial respiratory chain R O'Lone, K Knorr, I Jaffe, M Schaffer, P Martini, R Karas, J Bienkowska, M Mendelsohn, U Hansen
2009	1/3-7	Annual Meeting of the Society of Integrative and Comparative Biology, Boston MA	The evolutionary diversification of LSF and Grainy head transcription factors preceded the radiation of basal animals. N Traylor-Knowles , U Hansen, T Dubuc, MQ Martindale, L Kaufman, JR Finnerty.
	6/4-6	Organization for the Study of Sex Differences Annual Meeting, Toronto, ON, Canada	Analysis of the transcription regulatory network of estrogen by integration of multiple sources of genomic data SG Schneider , U Hansen
2010	10/6	Genome Science Institute Symposium Boston University Medical Center, Boston, MA	Improving the interpretation of Affymetrix GeneChip array data using coefficient of concordance and graph theory S Schneider , T Smith, U Hansen
2011	July	11 th Annual Workshop on Bioinformatics and Systems Biology, Berlin, Germany	SCOREM: Statistical consolidation of redundant expression measures S Schneider , T Smith, U Hansen

2012		GSI Symposium, Boston University	Meta-analysis of estrogen transcription regulation across multiple tissue types S Schneider , U Hansen
2014	6/14	Phil Sharp Symposium "RNA Biology: Look Sharp" MIT, Cambridge MA [40 years of the Sharp lab]	Transcription Factor LSF: Achilles heel of liver cancer? U Hansen , SE Schaus, D Sarkar
2020	4/27-28	virtual Annual Meeting of the American Association for Cancer Research 2020, San Diego CA Cancer Res (2020) 80 (16_Supplement): 4021	Assessing the sensitivity of LSF inhibitors against liver cancer N Pokharel ; J Kavouris; J Biagi; U Hansen; SE Schaus

Section 1. Hansen as Sole Principal Investigator:Chromatin Projects

Dates	Source, Grant number	Ave Annual Direct Costs	Total Costs for Grant Period
7/1/83-6/30/85	American Cancer Society, MV-184 Molecular Mechanisms of Regulation of SV40 Transcription	\$60,860	\$150,000
11/1/85-10/31/86	Mass Division of American Cancer Society, 1549-C-1 Chromatin Effects on RNA Polymerase II Transcription	\$21,739	\$25,000
7/1/87-4/30/88 [7/87-6/89]	Council for Tobacco Research, 2150 NOTE: Initially awarded for 2 years; cancelled early due to NIH funding of project Chromatin Effects on RNA Polymerase II Transcription	\$35,712 [\$41,131]	\$40,693 [\$94,386]
4/1/88-3/31/91	NIH/NIGMS, R01-GM36667 Chromatin Effects on RNA Polymerase II Transcription	88,602	\$446,189
7/1/91-6/30/92	Biomedical Research Support Grant, DFCI from NIH 2 S07 RR05526-29 Chromatin Mediation of Transcriptional Stimulation by Estrogen Receptor and by Enhancer Sequences	15,000	\$15,000
1/1/92-12/31/92	DFCI/Sandoz Drug Development Initiative, 91017 Hormone Effects on Steroid Receptor/Chromatin Interactions	\$35,000	\$35,000
7/1/92-6/30/97	American Cancer Society, Faculty Research Award: FRA-415 Transcriptional Activation on Chromatin Templates	\$41,000	\$205,000
6/7/93-5/30/94 (ext to 11/30/94)	Massachusetts Department of Public Health, Breast Cancer Award: SC-DPH-3407-3117062 Transcriptional Activation by Estrogen Receptor on Chromatin Templates	\$37,061	\$37,061
1/1/95-12/31/96	American Cancer Society, BE-231 Activation by Estrogen Receptor of Native, Chromatin-Associated Promoters	\$80,570	\$200,000
1/1/96-12/31/97 (ext to 12/31/98)	American Cancer Society, RPG-95-005-03-BE Activation by Estrogen Receptor of Native, Chromatin-Associated Promoters	\$80,430	\$100,000
1/1/99-12/31/01	American Cancer Society, RPG-95-005-05-TBE Activation by Estrogen Receptor of Native, Chromatin-Associated Promoters	\$97,205	\$243,000
4/1/97-3/31/99	NIH/NIGMS, R21-GM54808 Transcriptional Induction by the Human HMG-14 Protein	\$50,000	\$85,250
4/1/98-3/31/02 (ext to 3/31/03)	NIH/NIGMS, R01-GM54808 Transcriptional Induction by the Human HMG-14 Protein	\$169,880	\$1,104,379

Section 2. Hansen as Sole Principal Investigator:**Mammalian Transcription Regulation Projects**

Dates	Source, Grant number	Ave Annual Direct Costs	Total Costs for Grant Period
7/1/83-6/30/84	Biomedical Research Support Grant, DFCI from NIH S 07 RR05526 from American Cancer Society 118C Positive Control of SV40 Transcription In Vitro	\$12,000 \$4,100	\$12,000 \$4,100
9/1/83-8/31/84	William Milton Fund Positive Control of SV40 Transcription In Vitro	\$5,000	\$5,000
8/1/84-3/31/85	National Science Foundation, PCM-8409321	\$25,370	\$35,500
[8/1984-7/1987]	NOTE: Initially awarded for 3 years; cancelled early due to NIH funding of project Mechanism of Initiation at RNA Polymerase II Promoters	[\$40,000]	[\$170,000]
9/1/84-6/30/87	March of Dimes, Basil O'Connor Starter Research Grant: 5-456 Mechanism of Initiation at RNA Polymerase II Promoters	\$22,727	\$70,830
4/1/85-3/31/88 (ext 4/30/88)	NIH/National Cancer Institute, R01-CA38038-03 Mechanism of Initiation at RNA Polymerase II Promoters	\$93,165	\$445,341
7/1/85-3/31/86	Biomedical Research Support Grant, DFCI from NIH S07 RR05526-23 A system for regulated gene expression in eukaryotes using lac repressor	\$14,000	\$14,000
1/1/86-12/31/88	American Cancer Society, Junior Faculty Research Award: JFRA-136 Regulation of RNA Polymerase II Transcription	\$30,167	\$90,500
7/1/87-6/30/89	March of Dimes Birth Defects Foundation, 1-1061 Regulation of Expression of a Human RNA Polymerase II Transcription Factor	\$27,272	\$60,000
3/1/88-2/28/89	Biomedical Research Support Grant, DFCI from NIH S07 RR05526-25 Role of the cellular transcription factor AP1 in stimulating Simian Virus 40 late transcription	\$15,000	\$15,000
1/1/89-6/30/90	American Cancer Society, MV-439	\$64,000	\$120,000
[1/1/89-12/31/90]	NOTE: Initially awarded for 2 years; cancelled early due to NIH funding of project Mechanism of Initiation at RNA Polymerase II Promoters	[\$64,000]	[\$160,000]
1/1/91-12/31/91	William F. Milton Fund, Harvard University Repression of transcription by a protein regulating development in <i>Drosophila</i>	\$3,000	\$3,000

Ulla Hansen: Funding 1983-2020

[Major projects are in **bold**]

1/1/91-12/31/93	Council for Tobacco Research, 2977 SV40 T Antigen Stimulation of Transcription	\$46,593	\$159,965
7/1/90-6/30/93 (ext 6/30/94)	NIH/National Cancer Institute, R01-CA38038-06 Role for transcription factor LSF in mammalian cells	\$175,616	\$845,742
7/1/92-6/30/93	Claudia Adams Barr Program in Cancer Research Small Grant, DFCI Mechanism of Transcriptional Repression by <i>Krüppel</i>	\$10,000	\$10,000
1/1/93-12/31/95	Sandoz/DFCI Drug Discovery Award, 92004 Growth and Cell Cycle Regulation of the Mammalian Transcription Factor LSF	\$98,603	\$502,955
1/1/94-7/31/94	Center for AIDS Research Small Grant, DFCI Role of LSF in regulating HIV-1 gene expression in T cells	\$10,000	\$10,000
4/1/95-3/31/96	Claudia Adams Barr Program in Cancer Research Small Grant, DFCI The role of LSF in Immunoglobulin Class Switching	\$10,000	\$10,000
7/1/95-6/30/97	March of Dimes Birth Defects Foundation, FY95-0171, FY96-9154 Molecular Mechanism of Distance-Independent Transcriptional Inhibition by Developmentally Regulated Repressors	\$51,754	\$113,858
4/1/99-3/31/04 (ext to 3/31/05)	NIH/National Cancer Institute, R01-CA81157-05 Role of LSF in Mammalian Cell Cycle Progression	\$180,796	\$1,178,790
4/1/04-3/31/05	NIH/National Cancer Institute, R01-CA81157-05S1 Role of LSF in Mammalian Cell Cycle Progression	\$42,436	\$68,534
7/1/04-11/30/05	NIH/NHLBI, F33-HL78163 eNOS Promoter Activation by Estrogen in Vascular Cells	\$51,036	\$51,036
5/15/06-12/31/07	Boston University, SPRInG Award Direct Molecular Targets of Estrogen Function in the Vasculature	\$25,000	\$25,000
9/1/09-8/31/10	Mary Erskine Catalyst WIN Faculty Award, Boston University from NSF HRD0820175, ADVANCE PAID Relevance of Transcription Factor LSF to Metastatic Melanoma: Initiation of Translational Studies	\$20,000	\$20,000
6/1/11-8/31/12	Clinical Innovator's Award, Johnson & Johnson Services, Inc., through Boston University Characterization of LSF Small Molecule Inhibitors for Utility in Treatment of Hepatocellular Carcinoma	\$40,000	\$40,000
3/15/13-6/14/14	BU Office of Tech Development, Ignition Award Commercialization of LSF inhibitors for treatment of liver cancer	\$50,000	\$50,000

Section 3. Hansen Funding as Collaborative Principal Investigator/Project Leader:

Dates PI's	Source, Grant number	Ave Annual Direct Costs	Total Costs for Grant Period
7/1/86-6/30/87 PI: U. Hansen PI: Alex Rich/MIT	Whitaker Health Sciences Fund, 87-15 Relationship between Cellular Transcription Factors and Z-DNA Binding Proteins	\$40,000 (50% to UH)	\$60,000 (50% to UH)
9/1/02 - 8/31/06 PIs: C. DeLisi, G.M. Cooper Project Leader: U. Hansen	NIH/NIAID National Institutes of Health (PRE-NPEBC), P20-GM66401 Computational Methods for Cell Systems Analysis	\$107,000 (to UH)	\$488,250/year
5/15/09-6/1/10 PIs: J. Finnerty, U. Hansen, Z.X. Xiao	Boston University, Genome Science Institute Seed Grant Possible Functional Diversification of the CP2 and p53 Protein Families from a Common Ancestor early in Animal Evolution - Evidence from the Basal Animal Model, <i>Nematostella vectensis</i>	\$10,000	\$10,000
7/1/08-6/30/10 PI: U. Hansen Co-PIs: S. Russek, C. Abraham, Karnovsky	Boston University, Center for Neuroscience Seed Funding Probing the Relationship between Neuronal Cell Cycle Control and Cognition: Translational Research Aspects of Alzheimer's Disease, Epilepsy, and Depression	\$65,000 (\$25,000 to UH)	\$130,000
12/1/09-11/31/11 PI's: Fried, Pilch Faculty: U Hansen	Boston University, Evans Center, ARC Award Sex Differences in Adipose Tissue: Mechanisms and Role in Disease Risk Associated with Obesity	\$50,000 (\$10,000 to UH)	\$100,000
8/19/11-2/19/13 PI: U. Hansen Co-IP: S. Schaus	BU Office of Technology Development, Ignition Award LSF Small Molecule Inhibitors for Treatment of Hepatocellular Carcinoma	\$50,000	\$50,000
1/1/14-6/30/15 PIs: U. Hansen, S. Schaus	PharmLogic, Inc., Sponsored Research Agreement Treatment of HCC by Targeting LSF with Small Molecules: Animal models and PK studies		\$367,142 (negotiated)
7/1/17-3/30/19 PI: S. Schaus Co-PI: U. Hansen	BU Office of Technology Development, Ignition Award Orally Bioavailable Treatment for Liver Cancer	\$50,000	\$50,000

Ulla Hansen: Funding 1983-2020

[Major projects are in **bold**]

8/15/18-8/14/19	BU Center for Translational Science Institute, Integrated Pilot Award	\$15,000 (\$7,500 to UH)	\$15,000
Pls: U. Hansen, A. Emili	Identification of LSF-partner protein interactions involved in mitotic progression: proteomics analysis		
2/10/20-10/10/20	Shepherd Therapeutics, Inc., Sponsored Research Agreement	\$90,130	\$148,715 (50% IDC-Biol)
Pls: S. Schaus, U. Hansen	Treatment of HCC by Targeting LSF with Small Molecules		

Section 4. Funding from competitive DFCI sources

Year	Source	Total Costs
1983	Friends of the DFCI DNA Sequencing Apparatus	\$6,900
1984-85	DFCI Core Grant Developmental Funds from NIH P30 CA06516-21 Ulla Hansen salary, startup funds	
1985	Friends of the DFCI Scanning Densitometer	\$18,500
1985	Friends of the DFCI Microbalance	
1989	Friends of the DFCI Circulating Water Bath	\$600
1989	Friends of the DFCI Temperature Cycler	\$3,500
1989	Friends of the DFCI Cloning the Transcription Factor LSF Gene	\$10,650
7/1/97- 6/30/98	DFCI Discretionary Funds Supply funds for graduate students	\$24,000

Section 5. Hansen Laboratory Funding with Ulla Hansen as Trainee Sponsor:

Dates Trainee	Source, Grant number	Ave Annual Direct Costs	Total Costs for Grant Period
8/1/87-7/31/92 Jonathan D. Licht M.D.	Physician Scientist Award, NIH 5 K11 CA01272 Molecular Cloning of a Eukaryotic Transcription Factor	\$64,165	\$346,490
7/1/88-6/30/90 Rebecca Furkes (Sundseth), PhD	Postdoctoral Fellowship, American Cancer Society PF-3233	\$23,500	\$47,000
11/1/88-10/31/89 Jonathan D. Licht M.D.	Biomedical Research Support Grant, DFCI from NIH S 07 RR05526-26 Characterization of the transcriptional activation domain of the Krüppel Gene of <i>Drosophila</i> and related human genes	\$17,526	\$17,526
4/1/90-3/31/91 Jonathan D. Licht M.D.	Biomedical Research Support Grant, DFCI from NIH S 07 RR05526-28 Transcriptional repression by the <i>Drosophila Krüppel</i> protein in an in vitro transcription system	\$15,579	\$15,579
7/1/93-6/30/95 Quan Zhu, Ph.D.	The Senior Postdoctoral Fellowship, The American Cancer Society, Mass. Division Characterization of the biological role of the transcription factor LSF	\$24,500	\$49,000
1/1/94-12/31/94 Han-Fei Ding M.D., Ph.D.	Claudia Adams Barr Program in Cancer Research Small Grant, DFCI Mechanism of derepression of H1-mediated transcriptional inhibition on chromatin templates by the chromosomal protein HMG-14	\$10,000	\$10,000
5/1/95-4/30/98 Elise E. Drouin, Ph.D.	Postdoctoral Fellowship, Cancer Research Institute Defining the role of the transcription factor LSF in Immunoglobulin Class Switching	\$30,500	\$91,500
7/1/95-6/30/98 Han-Fei Ding M.D., Ph.D.	DFCI/Sandoz Drug Discovery Fellowship Mechanisms of HMG-14 function in regulation of transcription from chromatin templates	\$34,928	\$178,657
7/1/96-6/30/97 Zrinka Pagon, M.D.	Connaught Laboratories Fellowship for Pedia- tricians, Infectious Disease Society of America Note: Total project awarded from 9/1/95-6/30/97	\$30,000	\$30,000

Section 5. Participation in Training Grants

Year	Source	Program Director
	Viral Oncology Training Grant NIH	Priscilla Schaffer, Ph.D.
	Tumor Biology Training Grant NIH	Arthur B. Padee, Ph.D.
	Graduate Training in Cancer Research NIH	Robert J. Mayer, M.D.
	Medical Scientist Training Program NIH	Bernardo Nadal-Ginard, M.D.