

# CURRICULUM VITAE

## Eric Verdin, MD

### Work Address

The Buck Institute for Research on Aging  
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Novato, CA 94945  
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Cell Phone: (415) 305-9208  
Email: everdin@buckinstitute.org

### Biographical Data

Birthplace: Belgium  
Citizenship: Belgium, USA

### Education

MD, University of Liège  
Liège, Belgium, 1982

Visiting Student, Harvard Medical School  
Boston, MA, 1981

B.S. in Medical Sciences, University of Liège  
Liège, Belgium, 1978

### Positions

2016- Present	CEO & President, The Buck Institute for Research on Aging, Novato, CA
2016-Present	Member, Board of Trustees, Buck Institute for Research on Aging
2016-Present	Director, Paul F. Glenn Center for Aging Research at the Buck Institute
2016- Present	Adjunct Professor, Leonard Davis School of Gerontology, University of Southern California, Los Angeles
2016-Present	Adjunct Professor, University of California, San Francisco, CA
2004-2016	Associate Director, Gladstone Institutes, San Francisco, CA
1998- 2016	Professor, University of California, San Francisco, CA
1997- 2016	Senior Investigator, Gladstone Institute, San Francisco, CA
1997	Professor, The Picower Institute for Medical Research, Manhasset, NY
1993-1997	Associate Professor, The Picower Institute for Medical Research, Manhasset, NY
1990-1993	Senior Staff Fellow, NIH, Bethesda, MD
1987-1990	Assistant Professor, Free University of Brussels, Belgium
1984-1987	Postdoctoral Fellowship, Harvard Medical School, Elliott P. Joslin Research Laboratory, Boston, MA (Laboratories of C. Ronald Kahn and Bernard Fields)
1983-1984	Intern in Medicine, University of Massachusetts, Worcester, MA
1982-1983	Research Intern, University of Liège, Department of Internal Medicine, Liège, Belgium

### Board Activity, Advisory Committees and Memberships

Member, National Academy of Medicine, Commission on Creating a Global Roadmap for Healthy Longevity

Member, Editorial Board of Aging Cell  
 Founding Member, Academy for Health & Lifespan Research (AHLR)  
 Member, Board of Directors, Alliance for Artificial Intelligence in Healthcare (AAIH)  
 Advisor, The Norwegian Centre on Healthy Ageing (NO-Age)  
 Member, Quantitative Biosciences Institute (QBI) at UCSF  
 Member, Board of Directors, Bay Area Council, Bay Area Science and Innovation Consortium (BASIC)  
 Member, American Society for Microbiology  
 Elected Fellow, American Association for the Advancement of Science (AAAS)  
 Member, International AIDS Society, “Towards a Cure”  
 Council Member, National Advisory Council on Drug Abuse, NIDA, NIH (retired)  
 Member, American Federation for Aging Research (AFAR), National Scientific Advisory Council  
 Charter Member, Molecular Medicine Society  
 Member, American Society for Biochemistry and Molecular Biology  
 Member, American Society for Clinical Investigation  
 Member, Association of American Physicians  
 Member, American Diabetes Association  
 Member, Gerontological Society of America  
 Member, NIH, AMCB Study Section

### **Honors & Awards**

2020 Honorary Associate of Church and State, Churchandstate.org.uk  
 2019 NIH Director’s Transformative Research Award  
 2019 Member, 2019 Highly Cited Researchers List, Web of Science Group  
 2019 Founding Member, Academy of Health & Lifespan Research (AHLR)  
 2018 Doctor Honoris Causa, Bulgarian Academy of Sciences  
 2010 Elected Fellow, American Association for the Advancement of Science (AAAS)  
 2010 Avant-Garde Award, NIH/NIDA  
 2010 Glenn Award for Research in Biological Mechanisms of Aging  
 2007 Elected Member, Association of American Physicians  
 2003 Senior Scholar in Aging, Ellison Medical Foundation  
 1999 Elected Member, American Society for Clinical Investigation  
 1982 Graduated with Honors from University of Liège, Belgium

### **Ad Hoc Journal Reviews**

Biochemical Journal	Molecular Cell
Cell	Nature
Cell Host & Microbe	Nature Medicine
Cell Metabolism	PLoS Biology
Cell Reports	PLoS Pathogens
EMBO J	PNAS
J. Virology	Science
Journal of Biological Chemistry	Science Translational Medicine
Molecular and Cellular Biology	<i>Other Journals</i>

### **Editorial Board Reviews**

2019- Present Aging Cell

2016- Present	Nutrition and Healthy Aging
2015- Present	Oncotarget
2014- Present	Aging and Mechanisms of Diseases
2014- Present	Trends in Endocrinology
2009- Present	Clinical Epigenetics
2009- Present	Aging
2008- 2009	Faculty of 1000, Medicine, HIV Infection and AIDS: Basic Science
2006-2010	Virology
2006- 2010	Molecular Cellular Biology
2006- 2010	PLoS ONE
1998- Present	Chemtracts

### **Journal Editor**

Special Issue of *Methods* devoted to Protein Acetylation (9 contributions)  
*Methods*. Aug 2005; 36(4) 321-406

### **Book Editor**

*Histone Deacetylases: Transcriptional Regulation and Other Cellular Functions*, Series: Cancer Drug  
Discovery and Development, May 2006.

### **Book Chapters**

Brosh, Jr., Robert M., editor. *Protein Acetylation*. Springer Science + Business Media, 2019, pp. 3-16.  
**Methods in Molecular Biology**.

### **Reviewer for Granting Organizations**

National Institute of Health  
Swiss Federal Institute  
Pasteur Institute, France  
Joslin Diabetes Center, Harvard Medical School, Pilot project program  
Fonds zur Forderung der wissenschaftlichen Forschung (FWF), Austria  
Fond National de la Recherche Scientifique, Belgium  
German Israeli Foundation for Scientific Research and Development  
American Federation for AIDS Research (AmFAR)  
American Federation for Aging Research (AFAR)

### **Meeting Organizer**

2019 Organizer, HIV and Aging Mini-Symposium, Novato, CA  
2018 Co-Organizer, Cell Symposia: Aging and Metabolism, Sitges, Spain  
2017 Co-Organizer, Inflammation, Aging and Chronic Disease, Stanford, CA  
2015 Co-Organizer, Keystone Meeting on Sirtuins, Santa Fe, NM  
2014 Co-Organizer, 38<sup>th</sup> Mahabaleshwar Seminar, Mumbai, India  
2011 Co-Organizer, FASEB Conferences on Histone Deacetylases, Steamboat, CO  
2011 French American Biotechnology Symposium: New Therapeutic Approaches of Aging, Gladstone  
Institutes, San Francisco, CA  
2010 Co-Organizer, Bay Area Aging Club, Berkeley, CA  
2009 Organizer, West Coast Retrovirus Meeting, Palm Springs, CA

2008 Co-Organizer, Epigenetics Symposium, San Francisco, CA  
2003 Chair and Organizer, Novartis Symposium on Protein Acetylation, London, UK  
1999 Organizer, West Coast Retrovirus Meeting

### Patents

US Patent Number 10,004,753 *Methods for Treating Tauopathy*  
Issued June 26, 2018

US Patent Number 9,474,788 *Methods for the Reactivation of Latent HIV using Cytosine Methylation Inhibitors and NF-KB Activators*  
Issued October 25, 2016

US Patent Number 8,748,464 *Use of SIRT1 Activators or Inhibitors to Modulate an Immune Response*  
Issued June 10, 2014

US Patent Number 8,518,635 *Regulation of Protein Activity by Reversible Acetylation*  
Issued August 27, 2013

US Patent Number 8,114,853 *Methods for Treating Smooth Muscle Cell Disorders*  
Issued February 14, 2012

US Patent Number 7,884,081 *Methods for Modulating Tubulin Deacetylase Activity*  
Issued February 8, 2011

US Patent Number 7,745,173 *Histone Deacetylase and Methods of Use Thereof*  
Issued June 29, 2010

US Patent Number 7,589,167 *ZA Loops of Bromodomains*  
Issued September 15, 2009

US Patent Number 7,544,467 *Cell Lines with Latent Immunodeficiency Virus and Methods of Use Thereof*  
Issued June 9, 2009

US Patent Number 7,488,587 *Histone Deacetylase and Methods of Use Thereof*  
Issued February 10, 2009

US Patent Number 7,485,416 *Compositions and Methods for Modulating Sirtuin Activity*  
Issued February 3, 2009

US Patent Number 7,482,016 *Acetylated Tat Polypeptides and Methods of Use Thereof*  
Issued January 27, 2009

US Patent Number 7,351,542 *Methods for Modulating Tubulin Deacetylase Activity*  
Issued April 1, 2008

US Patent Number 7,273,713 *Methods of Modulating Mitochondrial NAD-dependent Deacetylase*  
Issued September 25, 2007

US Patent Number 7,232,685 *Cell Lines with Latent Immunodeficiency Virus and Methods of Use Thereof*  
Issued June 19, 2007

US Patent Number 7,081,343 *Methods for Identifying Modulators of NF-KB Activity*  
Issued July 25, 2006

### Commercial Activities

2019-Present **IUVE Bio**, Chairman of Board of Directors  
2019-Present **BHB Therapeutics**, Founder, Member of Board of Directors  
2018-Present **Napa Therapeutics**, Founder, Member of Board of Directors  
2018-Present **Gratitude Beverages**, Consultant, Ketogenic Drink

2017-Present **Janssen**, Scientific Advisory Board, Immunometabolism  
2015-2017 **Nokia**, Consultant, Member of Medical Advisory Board  
2011- Present **Cell Signaling Technology**, Consultant, Posttranslational modifications  
2009-2014 **Acylin**- Founder and SAB Member, Acetyl- and Acyl-transferases and their inhibitors, Sold to Abbvie.  
2009- Present **Nanosyn**, Consultant, Biology of HDAC inhibitors  
2007- Present **Novartis Venture Capital Fund**, Advisor  
2005- Present **Sofinnova Ventures**, Advisor  
2005- Present **Sirtris**, SAB Member, Biology of Sirtuins  
2003-2006 **Altana**, Consultant, HDAC inhibitors in cancer  
2003-2005 **Elixir**, SAB Member, Biology of Sirtuins  
2001 **Pfizer**, Development of anti-HIV compounds  
2000-2003 **Roche**, Consultant, HDAC inhibitors  
1999-2002 **Janssen Research Foundation, J&J**, Consultant, HDACs and Cancer  
1998-2005 **Novartis**, Consultant, Biology of Histone Deacetylases

### **Invited Research Seminars**

February 2020, Eldorado Country Club, Palm Springs, CA  
February 2020, National Academy of Medicine, Global Roadmap Commission Meeting, Singapore  
January 2020, World Economic Forum, Davos, Switzerland  
January 2020, Healthy Longevity Weekend, Big Sur, CA  
December 2019, BAAM, Stanford University, CA  
November 2019, Diabetes Center, Obesity and Nutrition Meeting, Santa Cruz, CA  
November 2019, GSIG Summit, Bethesda, MD  
October 2019, Brain Mind Summit, Stanford University, CA  
October 2019, Nature Conference, Advances in Metabolic Communication, Rio de Janeiro, Brazil  
October 2019, Digital Health Awards, University of California, San Francisco  
September 2019, National Academy of Medicine, President's Advisory Council on Healthy Longevity, Washington, DC  
August 2019, FASEB, The Reversible Protein Acetylation in Health and Disease Conference, Lisbon, Portugal  
July 2019, Academy for Health and Lifespan Research Meeting, Paris, France  
July 2019, Science Foo, Google X, Mountain View, CA  
June 2019, FASEB, The NAD+ Metabolism and Signaling Conference, Dublin, Ireland  
June 2019, Vaduz Roundtable, International Institute of Longevity, Liechtenstein  
June 2019, Trends Summer University, Knokke-Heist, Belgium  
June 2019, The Paul F. Glenn/AFAR Conference on the Biology of Aging, Santa Barbara, CA  
April 2019, X-Prize Future of Longevity Lab, Culver City, CA  
April 2019, National Academy of Medicine, President's Advisory Council on Healthy Longevity, Washington, DC  
April 2019, Harman Denham Lecture, University of Nebraska Medical Center, Omaha, NA  
March 2019, Keystone Symposia, HIV Vaccines and Functional Cures, Whistler, BC, Canada  
March 2019, Biophysical Society Annual Meeting, Baltimore, MD  
February 2019, Lebanon Angels, Beirut, Lebanon  
November 2018, World Alliance Forum, San Francisco, CA  
November 2018, BAAM, University of California, San Francisco  
November 2018, Longevity Forum, London  
October 2018, Janssen SAB Meeting, London

October 2018, QB3 Workshop, University of California, San Francisco  
 October 2018, Cold Spring Harbor Laboratories Meeting, Cold Spring Harbor, NY  
 September 2018, Jena Aging Meeting (JAM), Jena, Germany  
 June 2018, Glenn Workshop on the Biology of Aging, Santa Barbara, CA  
 May 2018, BAAM, University of California, Berkeley  
 May 2018, TedX Salon, Marin County, CA  
 April 2018, AAP/ASCI/APSA, Aging and Healthy Living II, Chicago, IL  
 April 2018, BMS Seminar, University of California, San Francisco  
 March 2018, Bulgarian Academy of Sciences, Sofia, Bulgaria  
 March 2018, Mauldin Economics Conference, San Diego, CA  
 January 2018, Immunometabolism Scientific Advisory Board Meeting, JANSSEN, San Diego, CA  
 December 2017, AI and Longevity Micro-Conference, Buck Institute for Research on Aging  
 December 2017, Beckman Symposium, City of Hope, Duarte, CA  
 November 2017, Inflammation, Aging and Chronic Disease Conference, Stanford University  
 November 2017, BMS Data Blitz 2017, University of California, San Francisco  
 November 2017, Metabesity 2017 World Congress, London, England  
 October 2017, Metabolism and Cardiovascular Disease, Heidelberg, Germany  
 October 2017, 19<sup>th</sup> Annual IHV Conference, Baltimore, MD  
 October 2017, Biology of Aging Symposium, University of Southern California  
 August 2017, FASEB, Reversible Acetylation in Health & Disease, Big Sky, MT  
 July 2017, International Association of Gerontology and Geriatrics World Congress, San Francisco, CA  
 June 2017, 30<sup>th</sup> Paul F. Glenn/AFAR Conference on the Biology of Aging, Santa Barbara, CA  
 May 2017, Mechanisms of Metabolic Signaling, Cold Spring Harbor Laboratories, NY  
 May 2017, National Cancer Institute, Frederick, MD  
 April 2017, Cleveland Clinic, Cleveland, OH  
 February 2017, OMRF Research Forum, Oklahoma City, OK  
 February 2017, USC Colloquium, Los Angeles, CA  
 September 2016, Epigenetic Control and Cellular Plasticity Symposium, UC Irvine, CA  
 September 2016, ICAD Meeting, Palo Alto, CA  
 August 2016, FEBS/EMBO Lecture Course: Chromatin and the Environment, Spetses, Greece  
 April 2016, University of Pennsylvania, Philadelphia, PA  
 January 2016, Paul F. Glenn Center Symposium at Stanford, Palo Alto, CA  
 December 2015, International KAUST Symposium, Epigenetics and Environment, King Abdullah  
 University of Science and Technology, Saudi Arabia  
 November 2015, University of Miami, Miller School of Medicine and Cancer, Miami, FL  
 November 2015, Novo Nordisk Foundation Meeting: Nutrient Sensing and Metabolite Signaling,  
 Copenhagen, Denmark  
 October 2015, Banbury Meeting: HIV Latency and Reservoirs, Cold Spring Harbor Laboratory, Cold  
 Spring Harbor, NY  
 September 2015, 40<sup>th</sup> Naito Conference: Epigenetics, Sapporo, Japan  
 September 2015, Riken, Yokohama, Japan  
 September 2015, GIGA Seminar, University of Liège, Belgium  
 August 2015, FASEB Meeting, Timmendorfer Strand, Germany  
 April 2015, Gladstone/DZNE joint meeting: Aging in the Brain, San Francisco, CA  
 April 2015, ADARC, Rockefeller University, New York, NY  
 March 2015, Keystone Symposium: Biology of Sirtuins, Santa Fe, NM  
 January 2015, Western Conference of Physician Scientists, Carmel, CA  
 January 2015, Keystone Symposium: Integrating Metabolism and Tumor Biology, Vancouver, Canada  
 January 2015, UCSF/Gladstone CFAR Symposium: HIV Cure, San Francisco, CA  
 October 2014, UCSF Geriatrics Visiting Professor and Grand Rounds, San Francisco, CA  
 October 2014, Idibell Foundation Symposium: 50 Years of Histone Acetylation, Barcelona, Spain

September 2014, Fondazione IBSA for Scientific Research: Annual Symposium on Aging Research, Frankfurt, Germany

September 2014, Annual meeting of the Institute for Human Virology, Baltimore, MD

July 2014, 20<sup>th</sup> International AIDS Conference, Melbourne, Australia

June 2014, Amgen, South San Francisco, CA

June 2014, American Aging Association Annual Meeting, San Antonio, TX

May 2014, CALICO, South San Francisco, CA

April 2014, Abcam Meeting: Crossing Boundaries: Linking Metabolism to Epigenetics, Cambridge, MA

April 2014, Ecole Polytechnique Federale de Lausanne (EPFL), Lausanne, Switzerland

March 2014, PCB Seminar, Duke University, Durham, NC

March 2014, Department of Pharmacology, Duke University, Durham, NC

February 2014, Biophysical Society Annual Meeting, San Francisco, CA

January 2014, TATA Institute for Research (TIFR) Mumbai, India

January 2014, 38<sup>th</sup> Mahabaleshwar Seminar, Mahabaleshwar, India

December 2013, 2<sup>nd</sup> International Symposium: Epigenetic Control and Cellular Plasticity, UC Irvine

October 2013, Joslin International Symposium on Diabetes, Harvard Medical School, Boston, MA

September 2013, 3<sup>rd</sup> Frontiers of Retrovirology Meeting, Cambridge, England

August 2013, FASEB Science Research Conference: HDACs and Protein Acetylation, Lucca, Italy

August 2013, Gordon Research Conference on Aging, Lucca, Italy

July 2013, FASEB Science Research Conference on Protein Lipidation, Signaling, and Membrane Domains, Saxton River, VT

April 2013, Annual Meeting of ASCI-AAP, Chicago, IL

March 2013, Symposium on Epigenetic Regulation of Transcription, Gilead, South San Francisco, CA

January 2013, Keystone Symposium: Diabetes, Keystone, CO

December 2012, SIRTRIS/GSK Sirtuin Summit, Cambridge, MA

December 2012, 2<sup>nd</sup> Copenhagen Bioscience Conference, Copenhagen, Denmark

November 2012, Pasteur Institute Meeting on HIV Latency, Pasteur Institute, Paris, France

November 2012, Antiviral Congress, Boston, MA

October 2012, Keystone Symposium: Aging and Diseases of Aging, Tokyo, Japan

October 2012, Institute of Human Virology Annual Meeting, Baltimore, MD

October 2012, Hillblom Symposium in Aging Research, UCSF, San Francisco, CA

July 2012, 9<sup>th</sup> Annual Meeting of Insulin Resistance and Metabolic Syndrome Study Group (IRMS), Tokyo, Japan

June 2012, CARE Annual Meeting, UNC, Raleigh, NC

June 2012, Harvard Glenn Symposium on Aging, Boston, MA

May 2012, Annual Meeting of the American College of Sports Medicine, San Francisco, CA

May 2012, Annual Avant-Garde Meeting, NIDA, Bethesda, MD

May 2012, Brown University Aging Colloquium, Providence, RI

April 2012, University of Southern California, Dept. of Gastroenterology, Los Angeles, CA

April 2012, International Conference on Brain Energy Metabolism, Monterey, CA

April 2012, Spector Prize Satellite Symposium, Columbia University, New York, NY

April 2012, Aaron Diamond AIDS Research Center, Rockefeller University, New York, NY

March 2012, Keystone Symposium: Frontiers in HIV Pathogenesis, Therapy, and Eradication, Whistler, Canada

March 2012, US HUPO 8<sup>th</sup> Annual Conference: The Future of Proteomics, San Francisco, CA

February 2012, Keystone Symposium: Sirtuins in Metabolism, Aging, and Disease, Granlibakken, CA

January 2012, IMP-IMBA-BI Meeting: Epigenetic Regulation in Disease, Vienna, Austria

2011, SIRTRIS/GSK, Sirtuin Summit, Cambridge, MA

2011, Rigel, South San Francisco, CA

2011, University of Graz, Austria

July 2011, International AIDS Society Meeting, Rome, Italy

July 2011, FASEB Summer Research Conference  
 June 2011, 76<sup>th</sup> Cold Spring Harbor Symposium on Quantitative Biology: Metabolism and Disease,  
 Cold Spring Harbor, NY  
 May 2011, HHMI Symposium, HHMI Janelia Farm Research Center, Ashburn, VA  
 April 2011, Avant-Garde Awardee Workshop, NIDA, NIH, Bethesda, MD  
 April 2011, French American Biotechnology Symposium: New Therapeutic Approaches of Aging,  
 Gladstone Institutes, San Francisco, CA  
 April 2011, National NIH Liver Centers Annual Meeting, UCSF, San Francisco, CA  
 March 2011, Aging and Metabolism International Symposium, Stein am Rhein, Switzerland  
 March 2011, Cell Symposium on Metabolism and Aging, Cape Cod, MA  
 March 2011, Joslin Diabetes Center, Boston MA  
 March 2011, Endocrine Grand Rounds, Beth Israel Hospital and Harvard Medical School, Boston, MA  
 February 2011, Mount Sinai University School of Medicine, New York, NY  
 February 2011, New York Academy of Science Meeting, New York, NY  
 December 2010, Helen Diller Cancer Center Workshop on Metabolism and Cancer, UCSF, San  
 Francisco, CA  
 October 2010, Endocrine Grand Rounds, UCSF, San Francisco, CA  
 October 2010, UCSF Hillblom Symposium: From Molecules to Medicine, San Francisco, CA  
 September 2010, Chromatin Control of Viral Infection Symposium, NIH, Bethesda, MD  
 September 2010, Science for Life, Gladstone Institutes, San Francisco, CA  
 August 2010, Gordon Research Conference on Aging, Les Diablerets, Switzerland  
 July 2010, International AIDS Society, Pre-Conference Workshop, Vienna, Austria  
 2010, Avon, Suffern, NY  
 2010, Tempero, Boston, MA  
 2010, University of Utah, Salt Lake City, UT  
 2010, University of Pittsburgh, Children Hospital, Pittsburgh, PA  
 February 2010, Keystone Symposia: Tolerance and Autoimmunity, Santa Fe, NM  
 January 2010, Keystone Symposia: HIV Pathogenesis  
 2009, 1<sup>st</sup> Metabolic Disease Symposium: Insulin Resistance, Saas Fee, Switzerland  
 2009, 7<sup>th</sup> Cambridge Healthtech Institute Meeting: HDAC Inhibitors, Boston, MA  
 2009, Idibell Cancer Conference: Sirtuin, Barcelona, Spain  
 2009, West Coast Retrovirus Meeting, Palm Springs, CA  
 August 2009, FASEB Summer Research Conference, Lucca Italy  
 June 2009, Sigrid Juselius Foundation Symposium: Aging, Neurodegeneration and Mitochondria,  
 Espoo, Finland  
 2009, University of California, Berkeley, Dept. of Nutrition, Berkeley, CA  
 2009, Washington University School of Medicine, Dept. of Developmental Biology, Saint Louis, MO  
 December 2008, Symposium on miRNA and Epigenetic Regulations of the Immune Response, NIH,  
 Bethesda, MD  
 November 2008, University of Pennsylvania, Philadelphia, PA  
 October 2008, 15<sup>th</sup> West Coast Retrovirus Meeting, Palm Springs, CA  
 September 2008, Molecular Genetics of Aging, Cold Springs Harbor, New York, NY  
 June 2008, Royal Academy of Medicine of Belgium, Brussels, Belgium  
 March 2008, Epigenetics Symposium, UCSF, San Francisco, CA  
 March 2008, Mount Sinai University, Dept. of Structural and Chemical Biology, New York, NY  
 March 2008, New York University, Dept. of Microbiology, New York, NY  
 2008, Longwood Area Diabetes: Metabolism Research Seminar Series, Harvard Medical School,  
 Boston, MA  
 2008, Pharmion/Cellgene, San Francisco, CA  
 2008, GTCBio New Applications in Aging Research Conference  
 2007, UCSF Cardiovascular Research Institute, San Francisco, CA



2007, Ellison Medical Foundation Annual Meeting, Woods Hole, MA  
 2007, Glaxo SmithKline, Philadelphia, PA  
 2007, CFAR Symposium on Latency, UCSF, San Francisco, CA  
 2006, Cell Signaling Technology, Danvers, MA  
 2006, University of Southern California, Los Angeles, CA  
 2006, Molecular Genetics of Aging, Cold Spring Harbor Meeting, Cold Spring Harbor, NY  
 2006, Case Western Reserve CFAR Symposium, Cleveland, OH  
 2006, University of Geneva, Switzerland  
 2006, Gene Expression and Signaling in the Immune System, Cold Spring Harbor Meeting, NY  
 2006, Atlanta Pharma AG, Konstanz, Germany  
 2006, Berlex, Richmond, CA  
 2005, CRG-Centre de Regulacio Genomica, Barcelona, Spain  
 2005, Groups Studying the Structures of AIDS Related Systems and Their Application to Targeted Drug Design, NIH, Bethesda, MD  
 2005, Sirtris Pharmaceuticals, Cambridge, MA  
 2005, University of Texas Southwestern Medical Center, Dallas, TX  
 2005, Winter Symposium II, University of Miami, FL  
 2004, Molecular Targets for Cancer Therapy, Moffitt Cancer Center, Tampa, FL  
 2004, National Institutes of Health, Meeting of Groups Studying the Structure of AIDS Related Systems And Their Application to Targeted Drug Design, Bethesda, MD  
 2004, Keystone Symposium: HIV Pathogenesis, Whistler, British Columbia  
 2004, Stanford University School of Medicine, Palo Alto, CA  
 2004, HDAC Symposium: Novartis Functional Genomic Group  
 2003, Pasteur Institute, Paris, France  
 2003, University of Liege, Liege, Belgium  
 2003, Symposium on “Viruses and Immune Defense”, Erlangen, Germany  
 2003, American Association for Cancer Research: Meet the Expert Sunrise Session on Histone Deacetylases: biology and relevance to cancer, Washington, DC  
 2003, Celera, South San Francisco, CA  
 2003, Istituto di Ricerche di Biologia Molecolare P. Angeletti, Rome, Italy  
 2003, Altana Pharma AG, Germany  
 2003, Novartis Foundation and Physiological Society open meeting, London, England  
 2003, Novartis Foundation Symposium  
 2003, CFAR Symposium: Mechanisms of Viral Latency: HIV and its Cofactors, Case Western Reserve University, Cleveland, OH  
 2003, Elixir, Boston, MA  
 2003, CFAR, UCSF Symposium on HIV Latency, San Francisco, CA  
 2002, Progress in HIV Research, Centre de Recherches Lemanique contre le SIDA, Lausanne, Switzerland  
 2002, Universite Libre de Bruxelles, Gosselies, Belgium  
 2002, Behr Symposium, DKFZ German Cancer Center, Heidelberg, Germany  
 2002, CFAR, UCSF Symposium: HIV Pathogenesis: Back to Basics, San Francisco, CA  
 2002, Mount Sinai University School of Medicine, New York, NY  
 2002, International AIDS Meeting, Barcelona, Spain  
 2002, NIH Viral Reservoirs/Transient HIV Infection, Think Tank, Bethesda, MD  
 2002, Novartis/Dana Farber Cancer Institute Retreat, Quebec City, Canada  
 2002, DKFZ German Cancer Research Center, Heidelberg, Germany  
 2001, Cellzome, Heidelberg, Germany  
 2001, Juan March Foundation Meeting: Chromatin and Transcription, Madrid, Spain  
 2001, Keystone Symposium, Control of Viral Latency and Persistence, Breckenridge, CO  
 2001, Mount Sinai School of Medicine, New York, NY

2001, New York University, New York, NY  
 2000, West Coast Chromatin Meeting, Asilomar, CA  
 2000, Vanderbilt University, Nashville, TN  
 2000, Sangamo, Richmond, CA  
 2000, Progress in HIV Research Centre de Recherches Lemanique contre le SIDA, Lausanne, Switzerland  
 2000, Roche Diagnostics, Penzberg, Germany  
 2000, Janssen Research Institute, Beerse, Belgium  
 2000, Institute of Human Virology: Annual Meeting, Baltimore, MD  
 2000, ECEAR Meeting: European Meeting on HIV, Madrid, Spain  
 2000, NIH Advisory Meeting on HDACs and Cancer, Bethesda, MD  
 2000, Keystone Symposium, HIV Pathogenesis, Keystone, CO  
 2000, San Francisco General Hospital, PCMM Seminar, San Francisco, CA  
 2000, Trieste University, Trieste, Italy  
 2000, University of Lausanne, Lausanne, Switzerland  
 2000, University of Geneva, Geneva, Switzerland  
 1999, West Coast Chromatin Meeting, Asilomar, CA  
 1999, Pfizer, Boston, MA  
 1999, West Coast Retrovirus Meeting, Newport Beach, CA  
 1999, International Meeting for Gene Therapy and Molecular Biology, Heraklion, Crete  
 1999, Institute of Human Virology: Annual Meeting, Baltimore, MD  
 1999, Novartis, East Hanover, NJ  
 1999, University of Liege, Liege, Belgium  
 1999, Memorial Sloan Kettering, New York, NY  
 1999, RIGHT Meeting, Washington, DC  
 1999, New York Blood Center, New York, NY  
 1999, San Francisco State University, San Francisco, CA  
 1999, Free University of Brussels, Brussels, Belgium  
 1999, Boehringer, Penzberg, Germany  
 1999, Walter Reed Army Hospital, Bethesda, MD  
 1999, Keystone Symposium, AIDS Pathogenesis, Keystone, CO

## **Academic Functions**

### **Academic Committees**

2001- Present	Member, Biomedical Sciences Graduate Program Selection Committee, UCSF
2004-2016	Chair, Gladstone Institute of Virology and Immunology Guest Speakers Program
1998-2016	Member, Search Committee, Gladstone Institute
1997- Present	Member, Biomedical Sciences (BMS) Graduate Program, UCSF
2005- Present	Member, Tetrad/PIBS Graduate Program UCSF
2002- 2016	Member, Fundraising Committee, Gladstone Institute
2002	Member, Annual Retreat Committee, Gladstone Institute
2003, 2009	Chair, Annual Retreat Committee, Gladstone Institute
2006-2016	Member, Intellectual Property Committee, Gladstone Institute
2008-2016	Member, Gladstone Animal Care and Use Committee
2012	Co-Chair, Search Committee for Cardiovascular Research Institute, UCSF
2017- Present	Member, Search Committee, Buck Institute

### **Qualifying Examination and Thesis Committees, UCSF**

Mary Keir, BMS  
 Michael Penn, MSTP  
 Stephen Chan, MSTP

Jason Kreisberg, BMS  
Dan Miranda, BMS  
Sam Williams, BMS  
Eleanor Kincaid, BMS  
Kimber Stopak, BMS  
Sean Pintchowski, PIBS  
David Williamson, PIBS  
Sarah Carter, PIBS  
Francesca Gazzaniga, PIBS  
Katie Austgen, BMS  
Yelena Bronevestsky, BMS  
Nicole Beyers, BMS  
Lindsay Murrow, BMS  
Debbie Ruelas, BMS  
Brittany Anderson, BMS  
Vassily Kutyavin, BMS  
Alana Horowitz, BMS

## **Student Training**

### **Postdoctoral Fellows**

Louis Droogmans, 1988-1990  
Aboubaker El Kharroubi, 1991-1993  
Carine Van Lint, 1994-1997  
Stephane Emiliani, 1994-1998  
Georges Herbein, 1995-1997  
Melanie Ott, 1998-1999  
Patricia Defechereux, 1998-2000  
Jen-Kuei Wang, 1998-2000  
Veronique Kiemer, 1998-2001  
Albert Jordan, 1998-2001  
Khaoula Bourara, 2000-2001  
Sabine Thebault, 2000-2002  
Christine Callebaut, 1999-2004  
Frank Dequiedt, 2000-2002  
Herb Kasler, 2001-  
Dwayne Bisgrove, 2001-2007  
Laura Saunders, 2002-2009  
Maribel Para-Bola, 2003-2007  
Bjoern Schwer, 2003-2007  
Nidhi Ahuja, 2003-2005  
Tokameh Mamhoudi, 2003-2006  
Steve Kauder, 2005-2010  
Nandita Sarkar, 2005-2008  
Matthew Hirshey, 2006-2011  
Jing-Yi Huang, 2007-2012  
Do Soo Jang, 2007-2009  
Shweta Hakre, 2007-2014  
Denis Motet, 2007-2009  
Tadahiro Shimazu, 2007-2011  
Liang Guo, 2007-2009

Hyungwook Lim, 2008-2016  
Wenjuan He, 2010-2016  
Philip Merksamer, 2010-2014  
Vincenzo Calvanes, 2011-2013  
Yong Pan, 2011-2014  
John Newman, 2011-2018  
Yuya Nishida, 2012-2015  
Emilie Besnard, 2012-2018  
Emilie Bativelli, 2012-2018  
Hyusun Jo, 2012-2016  
Philipp Gut, 2012-2014  
Matthew Dahabieh, 2013-2014  
Chris Carrico, 2013-2019  
Dezmond Taylor-Douglas, 2016-2017  
Puneet Anand, 2016-2017  
Anthony Covarrubias, 2016-  
Tugsan Tezil, 2016-2019  
Marius Walter, 2016-  
Rosalba Perrone, 2017-  
Ran Zhang, 2017-  
Yik Lim Kok, 2017-2018  
Oishika Panda, 2017-  
Roman Camarda, 2018-2019  
Rachid Boutoual, 2018-  
Olga Bielska, 2019-  
Ik-Jung Kim, 2019-  
Jie-Yu Liu, 2019-  
Nicolas Andrews, 2019-  
Yong-Ho Lee, 2020-  
Yini Zhang, 2020-

#### **Graduate Students, Dissertations**

Marinee Chuah Lay Khim, PhD, Molecular Biology, ULB, 1987-1990  
Nathalie Becker, PhD, Molecular Biology, ULB, 1988-1990  
Carine Van Lint, PhD, Molecular Biology, ULB, 1989-1994  
Melanie Ott, PhD, Molecular Medicine, ULB, 1994-1997  
Ulriche Maelkenecht, PhD, Molecular Medicine, 1995-1998  
Wolfgang Fishle, PhD, Biochemistry, University of Tuebingen, Germany, 1996-2001  
Brian North, BMS, UCSF, 2000-2005  
Rani Jayakumar, BMS, UCSF, 2002-2006  
Leonard Chavez, BMS, UCSF, 2008-2011  
Lin Ho, CCB, UCSF, 2009-2013  
Intelly Lee, UCSF, 2011-2013

#### **Graduate Students, Rotations**

Norman Sharpless, Howard Hughes Scholar in Residence at NIH, 1990-1991  
Don Gilbert, Howard Hughes Scholar in Residence at NIH, 1991-1992  
Malcolm John, Howard Hughes Scholar in Residence at NIH, 1992-1993  
Brian North, BMS, UCSF, 2000  
Maria Christophorou, BMS, UCSF, 2000  
Prerana Jayakumar, BMS, UCSF, 2000

Leslie Chue, BMS, UCSF, 2001  
Bjoern Schwer, University of Heidelberg, Germany, 2001-2002  
Cynthia Mysinger, BMS, UCSF, 2002  
Eric Chow, PIBS, UCSF, 2005  
Eduarne Gallastegui, visiting from CRG, Barcelona, Spain  
Leonard Chavez, BMS, UCSF, 2008  
Lin Ho, CCB, UCSF, 2009  
Kevin Mark, PIBS, UCSF, 2010  
Coral Zhou, PIBS, UCSF, 2010  
Trevor Parry, PIBS, UCSF, 2011  
Ivan Vujkovic-Cvijin, BMS, UCSF, 2011  
Intelley Lee, Tetrad, UCSF, 2011  
Angelina Holcom, Buck Institute, 2018  
Andrew Cruz, Buck Institute, 2018  
Daria Timonina, Buck Institute, 2018

### **Undergraduates**

Yves Colette, Masters in Biology, ULB, 1988-1989  
Laila Schriewer, Masters in Biology, ULB, 1989-1990  
Wolfgang Fishle, Master Thesis, 1995  
Sebastian Luksche, Master Thesis-University of Berlin, 1998  
Caroline Orefice, Master Thesis-University of Strasbourg, 1999-2000  
Eduarne Callistegui, Thesis, University of Barcelona, Spain, 2009

### **Sabbatical Visiting Professors**

Wiebe Kruijer, University of Twente, Netherlands, 2009  
Linos Vandekerckove, University of Ghent, Belgium, 2010  
Peter Svenson, Karolinska Institute, Sweden, 2015-2016

### **Teaching**

#### **UCSF**

1999-2003	BMS 470 Virology
2002-2003	BMS 260 Cell Biology
2005-	Cell Biology 245, Discussion Lecture
2005-	BMS 208 Molecular Virology

### **Media and Interviews**

1. Quoted in *MIT Technology Review*, “Can AIDS be cured?”, June 2010.
2. Quoted in *UCSF Today*, “AIDS virus may accelerate aging, scientists say”, June 2011.
3. Quoted in *UCSF News Service*, “Learning lessons from an HIV cure”, June 2011
4. Interviewed by *San Francisco Chronicle*, “HIV patients aging prematurely”, September 2012
5. Quoted in *Cornell Chronicle*, “Vitamin supplement successfully prevents noise-induced hearing loss”, December 2014
6. Interviewed by *San Francisco Business Times*, “Little known drug may halt multiple sclerosis, Gladstone study finds”, April 2015
7. Quoted in *Science Daily*, “Old drug offers new hope to treat Alzheimer’s disease”, September 2015

8. Quoted in *The San Diego Union-Tribune*, “Aspirin relative might help Alzheimer’s”, September 2015
9. Quoted in *Science Daily*, “Ancient anti-inflammatory drug salicylic acid has cancer-fighting properties” May 2016
10. Quoted in *Oncology Nurse Advisor*, “Anticancer properties of salicylic acid and diflunisal revealed in laboratory experiments”, June 2016
11. Quoted in *Bel Marra Health*, “Old rheumatoid arthritis drug Salsalate offers new hope to treat Alzheimer’s disease”, July 2016
12. Interviewed by *North Bay Business Journal*, December 2016
13. Interviewed by *LeTemps*, January 2017
14. Quoted in *The Scientist*, “Repurposing existing drugs for new indications”, January 2017
15. Quoted in *The Washington Post*, “Trump’s health: What we could expect with the oldest incoming president”, January 2017
16. Quoted in *Town & County Magazine*, “Are you rich enough to live forever?”, March 2017
17. Interviewed by *KALW*, “City Visions: Are we close to a cure for aging?”, April 2017
18. Interviewed by *The New Yorker*, “The God Pill: Silicon Valley’s quest to live forever”, April 2017
19. Quoted in *Nature*, “California’s \$3-billion bet on stem cells faces final test”, April 2017
20. Interviewed by *Gizmodo*, April 2017
21. Quoted in *JAMA Medial News*, “Can a diet that mimics fasting turn back the clock?”, June 2017
22. Interviewed by *The Japan Times*, June 2017
23. Interviewed by *NBC News*, June 2017
24. Interviewed by *Nautilus*, “How aging research in changing our lives”, June 2017
25. Interviewed by *PresaDiretta*, June 2017
26. Interviewed by *Der Spiegel*, “Von Mausem und Menschen”, July 2017
27. Quoted in *Futurism*, “We will extend our lives but not attain immortality, says anti-aging researcher”, July 2017
28. Interviewed by *The Sunday Times*, July 2017
29. Quoted in *Herald Tribune*, “New Wrinkles: Insights on aging: If it’s not one thing, it’s another”, August 2017
30. Quoted in *The Advertiser Tribune*, “Silicon Valley looking to extend life”, August 2017
31. Interviewed by *Wired*, “These mice stopped eating carbs so you (maybe) don’t have to”, September 2017
32. Quoted in *The Guardian*, “Could a drug that mimics a zero-carb diet help us live longer, healthier lives?”, September 2017
33. Quoted in *Vallejo Times Herald*, “Buck Institute study suggests high fat diet may be healthy”, September 2017
34. Quoted in *Men’s Health*, “Researchers are developing a pill that helps you lose weight and lets you still eat carbs”, September 2017
35. Quoted in *Healthline News*, “Keto diet can help you live longer, researchers say”, September 2017
36. Quoted in *Alzforum*, “Aging mice are sharper, fitter on a high-fat, low-carb diet”, September 2017
37. Quoted in *Diet News*, “New studies show that a low-carb keto diet extends lifespan in mice”, September 2017
38. Quoted in *Healthline News*, “BHB: The miracle molecule of the keto diet?”, September 2017

39. Interviewed by *Master Investor Magazine*, “Investing in the longevity revolution-an exclusive behind-the-scenes report”, November 2017
40. Interviewed by the *Marin Independent Journal*, “Novato’s Buck Institute sees brighter future after turmoil”, January 2018
41. Interviewed by *BBC News*, “Of Mice and Old Men: Silicon Valley’s quest to beat ageing”, January 2018
42. Interviewed by *Bezinga*, “Buck Institute Emphasizes Importance of Artificial Intelligence with New Appointment”, February 2018
43. Quoted in *International Business Times, India Edition*, “Can the Keto diet cure Alzheimer’s? Here’s how it can potentially slow down aging”, February 2018
44. Quoted in *Body and Soul*, “Ketogenic diet can slow ageing, study suggests”, February 2018
45. Quoted in *STAT*, “A dietary supplement makes old mice youthful. But will it work in people?”, March 2018
46. Quoted in *Medical Xpress*, “Scientists identify potential targets for new autoimmune disease treatments”, April 2018
47. Interviewed by *WBEZ*, “Ketogenic Diet...Is Fat Good For You?”, April 2018
48. Quoted in *EurekAlert*, “Study challenges ‘shock and kill’ approach to eliminating HIV”, May 2018
49. Interviewed by *San Francisco Business Times*, “CEO Eric Verdin talks Buck Institute’s new push to collaborate with pharma”, July 2018
50. Quoted in *PR Newswire*, “World’s first Center for Female Reproductive Longevity and Equality established at the Buck Institute”, July 2018
51. Quoted in *San Francisco Business Times*, “\$6 million gift to focus Buck Institute on ‘ovarian aging’ fertility”, July 2018
52. Quoted in *BioSpace*, “Buck Institute, Insilico Med and Juvenescence found Napa Therapeutics to focus on age-related diseases”, August 2018
53. Quoted in *PMLiVE*, “Anti-ageing gets another boost with Napa Therapeutics launch”, August 2018
54. Interviewed by *Gizbot*, “These AI scientists plan to extend our lives by boosting our NAD metabolism”, August 2018
55. Quoted in *Endpoints News*, “Billionaire-backed Juvenescence spins out anti-aging, AI startup Napa Therapeutics”, August 2018
56. Quoted in *Digital Journal*, “Big deal for AI-powered longevity biotechnology”, August 2018
57. Quoted in *Beyond 100*, Barclay’s Longevity Campaign, November 2018
58. Quoted in *Santa Rosa Press Democrat*, “Bay Area seeing rush of research, investment in human longevity”, December 2018
59. Interviewed by *Marin Independent Journal*, “Buck Institute in Novato marks 30 years of aging research”, December 2018
60. Quoted in *Science Trends*, “Excess dietary fat and sugar fight it out in the liver”, January 2019
61. Quoted in *Business Wire*, “Company to develop ketone body-based therapeutics”, February 2019
62. Featured in *USA Today*, “16 longevity scientists have a Valentine’s Day message for the world: Announcing The Academy for Health & Lifespan Research”, February 2019
63. Interviewed by *KMAland*, “Aging expert: diet and exercise still key to long life”, April 2019
64. Featured in *Nebraska TV*, “Aging expert talks about ways to live longer at UNMC”, April 2019
65. Featured by *KLIN Radio*, “Secret for longevity”, April 2019

66. Quoted in *North Bay Business Journal*, "How female reproduction, longevity could be linked is focus of new Buck Institute for Research on Aging center", June 2019
67. Interviewed by *Cell Metabolism Voices*, "NAD+ metabolism and signaling", July 2019
68. Quoted in *Santa Rosa Press Democrat*, "Buck Institute in Novato gets \$6 million grant to study negative health effects of menopause", October 2019
69. Quoted in *KCBS*, "Buck Institute Gets Grant to Research Health Effects on Menopause", October 2019
70. Quoted in *Marin Independent Journal*, "Novato's Buck Institute gets \$3.8 million to study animals with genetic advantages", October 2019
71. Quoted in *Chemical & Engineering News*, "Young blood may hold the weapons for targeting age-related diseases", October 2019
72. Quoted in *Parentology* (press review), "Blood Test Might Reveal When You'll Die", October 2019
73. Quoted in *Longevity Technology*, "USA: Embrace Longevity or grow old fast", October 2019
74. Interviewed by *EconoTimes*, "The Keto diet may increase life expectancy", January 2020

## Publications

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Total Citations: 38,044

1. Castillo, M., Nemery, A., **Verdin, E.**, Lefebvre, P.J., and Luyckx, A.S., Circadian profiles of blood glucose and plasma free insulin during treatment with semisynthetic and biosynthetic human insulin, and comparison with conventional monocomponent preparations. *Eur J Clin Pharmacol*, 1983. 25(6): p. 767-71. PMID: 6363099.
2. **Verdin, E.**, Castillo, M., Luyckx, A.S., and Lefebvre, P.J., Similar metabolic effects of pulsatile versus continuous human insulin delivery during euglycemic, hyperinsulinemic glucose clamp in normal man. *Diabetes*, 1984. 33(12): p. 1169-74. PMID: 6389233.
3. **Verdin, E.** and Green, F.W., Jr., VIP and the pancreatic cholera syndrome. *N Engl J Med*, 1984. 310(22): p. 1465-6. PMID: 6325912.
4. **Verdin, E.**, Smitz, S., Thibaut, A., Born, J., Legros, J.J., and Luyckx, A., Adipsic hypernatremia in a patient with pseudotumor cerebri and the primary empty sella syndrome. *J Endocrinol Invest*, 1985. 8(4): p. 369-72. PMID: 4067208.
5. Paolisso, G., Scheen, A.J., **Verdin, E.**, Luyckx, A.S., and Lefebvre, P.J., Insulin oscillations per se do not affect glucose turnover parameters in normal man. *J Clin Endocrinol Metab*, 1986. 63(2): p. 520-5. PMID: 3522623.
6. **Verdin, E.**, Maratos-Flier, E., Carpentier, J.L., and Kahn, C.R., Persistent infection with a nontransforming RNA virus leads to impaired growth factor receptors and response. *J Cell Physiol*, 1986. 128(3): p. 457-65. PMID: 3018005.
7. Maratos-Flier, E., Kao, C.Y., **Verdin, E.**, and King, G.L., Receptor-mediated vectorial transcytosis of epidermal growth factor by Madin-Darby canine kidney cells. *J Cell Biol*, 1987. 105(4): p. 1595-601. PMID: 3018005.



8. **Verdin, E.**, Maratos-Flier, E., Kahn, C.R., Sodoyez, J.C., Sodoyez-Goffaux, F., De Vos, C.J., Lynn, S.P., and Fields, B.N., Visualization of viral clearance in the living animal. *Science*, 1987. 236(4800): p. 439-42. PMID: 3031817.
9. Burny, A., Bex, F., Brasseur, R., Khim, M.C., Delchambre, M., Horth, M., and **Verdin, E.**, Human immunodeficiency virus cell entry: new insights into the fusion mechanism. *J Acquir Immune Defic Syndr*, 1988. 1(6): p. 579-82. PMID: 2852244.
10. **Verdin, E.**, Lynn, S.P., Fields, B.N., and Maratos-Flier, E., Uptake of reovirus serotype 1 by the lungs from the bloodstream is mediated by the viral hemagglutinin. *J Virol*, 1988. 62(2): p. 545-51. PMID: PMC250566.
11. Delchambre, M., Gheysen, D., Thines, D., Thiriart, C., Jacobs, E., **Verdin, E.**, Horth, M., Burny, A., and Bex, F., The GAG precursor of simian immunodeficiency virus assembles into virus-like particles. *EMBO J*, 1989. 8(9): p. 2653-60. PMID: PMC401271.
12. **Verdin, E.**, King, G.L., and Maratos-Flier, E., Characterization of a common high-affinity receptor for reovirus serotypes 1 and 3 on endothelial cells. *J Virol*, 1989. 63(3): p. 1318-25. PMID: PMC247829.
13. **Verdin, E.**, Becker, N., Bex, F., Droogmans, L., and Burny, A., Identification and characterization of an enhancer in the coding region of the genome of human immunodeficiency virus type 1. *Proc Natl Acad Sci U S A*, 1990. 87(12): p. 4874-8. PMID: PMC54221.
14. **Verdin, E.**, DNase I-hypersensitive sites are associated with both long terminal repeats and with the intragenic enhancer of integrated human immunodeficiency virus type 1. *J Virol*, 1991. 65(12): p. 6790-9. PMID: PMC250767.
15. Van Lint, C., Burny, A., and **Verdin, E.**, The intragenic enhancer of human immunodeficiency virus type 1 contains functional AP-1 binding sites. *J Virol*, 1991. 65(12): p. 7066-72. PMID: PMC250832.
16. Montgomery, L.B., Kao, C.Y., **Verdin, E.**, Cahill, C., and Maratos-Flier, E., Infection of a polarized epithelial cell line with wild-type reovirus leads to virus persistence and altered cellular function. *J Gen Virol*, 1991. 72 ( Pt 12): p. 2939-46. PMID: 1765767.
17. Sharpless, N., Gilbert, D., Vandercam, B., Zhou, J.M., **Verdin, E.**, Ronnett, G., Friedman, E., and Dubois-Dalcq, M., The restricted nature of HIV-1 tropism for cultured neural cells. *Virology*, 1992. 191(2): p. 813-25. PMID: 1448925.
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*J Biol Chem*, 1994. 269(31): p. 19916-24. PMID: 8051074.
21. Van Lint, C., Ghysdael, J., Paras, P., Jr., Burny, A., and **Verdin, E.**, A transcriptional regulatory element is associated with a nuclease-hypersensitive site in the pol gene of human immunodeficiency virus type 1.  
*J Virol*, 1994. 68(4): p. 2632-48. PMCID: PMC236741.
22. **Verdin, E.** and Van Lint, C., Internal transcriptional regulatory elements in HIV-1 and other retroviruses.  
*Cell Mol Biol (Noisy-le-grand)*, 1995. 41(3): p. 365-9. PMID: 7580829.
23. Emiliani, S., Van Lint, C., Fischle, W., Paras, P., Jr., Ott, M., Brady, J., and **Verdin, E.**, A point mutation in the HIV-1 Tat responsive element is associated with postintegration latency.  
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24. Van Lint, C., Emiliani, S., Ott, M., and **Verdin, E.**, Transcriptional activation and chromatin remodeling of the HIV-1 promoter in response to histone acetylation.  
*EMBO J*, 1996. 15(5): p. 1112-20. PMCID: PMC450009.
25. Van Lint, C., Emiliani, S., and **Verdin, E.**, The expression of a small fraction of cellular genes is changed in response to histone hyperacetylation.  
*Gene Expr*, 1996. 5(4-5): p. 245-53. PMID: 8723390.
26. Van Lint, C., Amella, C.A., Emiliani, S., John, M., Jie, T., and **Verdin, E.**, Transcription factor binding sites downstream of the human immunodeficiency virus type 1 transcription start site are important for virus infectivity.  
*J Virol*, 1997. 71(8): p. 6113-27. PMCID: PMC191872.
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*Genes Dev*, 1997. 11(24): p. 3327-40. PMCID: PMC316802.
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*Science*, 1997. 275(5305): p. 1481-5. PMID: 9045614.
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*J Immunol*, 1997. 158(2): p. 1014-9. PMID: 8993024.
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*J Virol*, 1998. 72(2): p. 1666-70. PMCID: PMC124653.
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34. Kiermer, V., Van Lint, C., Briclet, D., Vanhulle, C., Kettmann, R., **Verdin, E.**, Burny, A., and Droogmans, L., An interferon regulatory factor binding site in the U5 region of the bovine leukemia virus long terminal repeat stimulates Tax-independent gene expression. *J Virol*, 1998. 72(7): p. 5526-34. PMID: PMC110197.
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43. Critchfield, J.W., Ho, O., Roberts, B.D., Van Lint, C., **Verdin, E.**, and Butera, S.T., Isoquinolinesulphonamide derivatives inhibit transcriptional elongation of human immunodeficiency virus type 1 RNA in a promyelocytic model of latency. *Antivir Chem Chemother*, 1999. 10(5): p. 275-84. PMID: 10574182.

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*Proc Natl Acad Sci U S A*, 2000. 97(1): p. 394-9. PMCID: PMC26674.
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*EMBO J*, 2001. 20(7): p. 1726-38. PMCID: PMC145503.
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*Biochem Cell Biol*, 2001. 79(3): p. 337-48. PMID: 11467747.
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