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EDUCATION

1986 – 1990 B.S., Chemistry (cum laude), Providence College, Providence, RI
1990 – 1995 Ph.D., Pharmacology (Lee Limbird, Ph.D), Vanderbilt University, Nashville, TN
1995 – 1998 Post-doc, Dept Physiology and Biophysics (Jeff Pessin, Ph.D), University of Iowa, Iowa City, IA
1998 – 2000 Post-doc, Dept Cell Biology (Sandra Schmid, Ph.D), Scripps Research Institute, La Jolla, CA

ACADEMIC APPOINTMENTS

06/2000 – 06/2010 Assistant Professor
07/2010 – 06/2012 Associate Professor
07/2012 – 12/2015 Adjunct Associate Professor
Department of Cell Biology
University of Oklahoma Health Sciences Center
Oklahoma City, OK

07/2012 – 06/2017 Associate Professor
07/2017 – Present Professor
Department of Pharmacology and Toxicology
University of Louisville
Louisville, KY

07/2012– 06/2017 Associate Professor (Secondary)
07/2017 – Present Professor
Department of Ophthalmology and Vision Sciences
University of Louisville
Louisville, KY

OTHER POSITIONS AND EMPLOYMENT

01/2003 – 06/2012 Full Member – University of Oklahoma Cancer Institute
01/2001 – 12/2015 Full Member OUHSC Graduate Faculty (Active)
07/2012 – Present Full Member Brown Cancer Center – Molecular Target Group
07/2012 – Present Graduate Research Training Faculty, Univ. of Louisville, School of Medicine

CERTIFICATION AND LICENSURE

Date Not Applicable

PROFESSIONAL MEMBERSHIPS AND ACTIVITIES

2005- present Member, American Society of Cell Biology
2009- present Member, Association of Research in Vision and Ophthalmology

HONORS AND AWARDS

1986 – 1990 Presidential Scholarship, Providence College
1996-1998 JDRF Postdoctoral Fellowship
2007 Provost's Junior Faculty Research Award, OUHSC

COMMITTEE ASSIGNMENTS AND ADMINISTRATIVE SERVICES

A. National/International Service

10/2002, 08/2014, 08/2015, 8/2016 VA Administration Grant Review
11/2004 Alberta Heritage Medical Research Foundation (Canada)
7/2006 National Science Foundation
5/2007 Phillip Morris External Research Program
3/2009 Mary Kay Ash Foundation
7/2009;03/2011;12/2012;10/2013;2/2015;2/2016;7/2016 -Oak Ridge Associated Universities
3/2011,3/2012 American Heart Association (Proteins & Crystallography (PC))
4/2011 Israel Science Foundation
9/2014 University of Kentucky COBRE (external JPI reviewer)
3/2016 National Polish Science Center
6/2016; 10/2016 BDCN(J) NIH Ocular Surface, Cornea, and Refractive Error NEI review panel
10/2017 NIH - VSN (03)/NEI Training Grants
1/2017 Natural Sciences and Engineering Research Council of Canada

B. University of Louisville

1. Departmental Service

2014 Pharmacology & Toxicology Search Committee
2013– Present Graduate Student Affairs Committee
2014 – 2017 Director of Admissions and Recruitment
2017 – Present Thread Director Medical Pharmacology
2017 – Present Educational Program Committee

2. Graduate College Service

2015- Present SIGS Graduate Council
2015- Present SIGS Scholarship and Awards Committee

3. University Service

2013-Present Judge Research!Louisville
2104 Judge R25 Summer Cancer Research Program
2017 Co-Director Summer Vision Sciences Research Program

4. Service to Community

2015 BioRad Ambassador at Chenoweth Elementary
2016-2017 Judge Meyzeek Middle School Science Fair

B. University of Oklahoma Health Sciences Center

1. Departmental Service:

2004 – 2012 Cell Biology Retreat Organizing Committee (Chair)
2004 – 2012 Director Molecular Medicine Specialization
2003 – 2006 Qualifying Exam Committee
2003; 2007-8; 2010-11 Cell Biology Faculty Search Committee
2001 – 2011 Director Cell Biology Journal Clubs
2009 – 2012 Departmental Travel Award Committee
2010 – 2012 Cell Biology Graduate Education Committee

2. Graduate College Service:

2001 – 2003; 2005-2008, 2010-12 Judge for GREAT Symposium
2004 – 2007 GPIBs Admission committee (Chair 2006-2007)
2003 Graduate College Dissertation Award Committee
2002 – 2008 Graduate Student Appeals Board (Chair 2004-2008)
2008-2009 Academic Misconduct Board

2002 – 2006 Summer Undergraduate Research Experience (SURE) Committee
 2011-2014 Graduate College Council Representative from College of Medicine (elected)
 2011-2012 College of Medicine Academic Misconduct Board
 2011- 2012 Graduate Faculty Review Committee (chair-2011)

3. University Service:

2005 – 2010 HPV Subcommittee of Gyn/Onc - OU Cancer Instit (Chair)
 2002 –3;2006 Reviewer for grants in PHF
 2002 – 2012 Radiation Safety Committee
 2011 Institutional Biosafety Committee (ad hoc)
 2011 Charles and Peggy Stephenson Cancer Center Grant Review

4. Service to Community

June 9, 2006 - Speaker – American Cancer Society Relay for Life, Tulsa Chapter
 June 21, 2005 – Speaker– American Cancer Society Relay for Life, OKC Chapter
 June 22, 2004 – Speaker – American Cancer Society Relay for Life, OKC Chapter
 October 8, 2004 – Speaker – American Cancer Society Relay for Life, Stigler, OK
 June 22, 2003 – Speaker – American Cancer Society Relay for Life, OKC Chapter
 April 9, 2005 - Oklahoma Innovations Radio Show – OCAST Health Research Conf.
 November 30, 2004 - The Daily Oklahoman Tuesday Science Health Column

EDUCATIONAL ACTIVITIES

1. Course participation:

A. University of Louisville

1. Department of Pharmacology and Toxicology

2014 – 2015 Principles of Drug Action (course director) – 16 lecture hours
 2015 – Present Methods in Pharmacology (Fluorescence) 3 hours
 2016 – 2017 Pharmacology I/II (co-course director) – 10 hours
 2017 Pharmacology I/Toxicology I (ADME) - 6 hours

2. Intradepartmental (University of Louisville)

2013 – Present Cell Biology (BIOC667-01) Membrane Trafficking (4.5 hrs)
 2016 – 2017 R25 Summer Program – “How to Prepare a Personal Statement”

3. Professional

2014 – Present Medical Pharmacology (Drug metabolism/Pharmacodynamics) – 2 hours
 2016 – Present Dental Pharmacology (Drug metabolism/Pharmacodynamics) – 2 hours
 2017 Endocrine and Reproduction Module – Ob/Gyn Pharmacology, Contraception –
 2 hours
 2017 Problem-based Learning Tutor (20 hours/year)
 2018 Basic Principles of Pharmacology (2 hours)

B. University of Oklahoma HSC

1. Department of Cell Biology

2000 Cellular and Develop. Biology (Receptor Tyrosine Kinases) – 4.5 contact hours
 2001 – 2011 Coordinator Cell Biology Journal Clubs
 Recruits faculty to serve as moderators for one of three Journal Clubs offered by the Cell Biology Department. Assigns grades to students. Corresponds with the students to address concerns, deficiencies, etc.

2001 – 2005, 2010	Co-director General Cell Biology Journal Club (30 hours/year)
2002 – 2009, 2011	Co-director Signal Transduction Journal Club (30 hours/year)
2011 – 2012	Departmental Liaison for Pharmacology in the Medical School Curriculum (Oversees coverage of Pharmacology in the pre-clinical Curriculum)

2. Intradepartmental/College (University of Oklahoma HSC)

2001 – 2011	GPIBs – Cell Systems II (Recept. Theory, Recept. Tyr. kinase) – 6 hours/year
2000 – 2003	Co-Director First year Journal Club – 30 contact hours/year
2006 – 2007	Biochemical Pharmacology (Receptor theory) – 2 hours/year
2007 – 2009	Current Literature in Microbiology and Immunology (Papillomaviruses) 3 hrs/year
2003 – 2007	GPIBs – Molecular Signaling and Regulation – 4.5 hours/year
2009 – 2010	Molecular Virology (GPIBs Module) – 3 hours/year
2011 – 2012	Molecular Vision (GPIBs Module) – 1.5 hours/year
2001 – 2006	SURE Program Summer Enrichment – “Reading the Scientific Literature” and Journal Club presentations – 3 hours/year

3. Professional

2001 – 2011	Dental/Allied Health Pharmacology (Basic Principles, Pharmacokinetics, Drug Disposition, Anti-Diabetes Drugs) – 9 hours/year
2001 – 2010	Medical Pharmacology (Basic Principles, Pharmacokinetics, Drug Disposition, Anti-Diabetes Drugs) – 10 hours/year
2010 – 2011	Disease, Diagnosis, and Therapeutics (First Year Medical School) (Basic Principles, Pharmacokinetics, Drug Disposition) – 10 hours/year
2010 – 2012	Nutrition and Metabolism Modules (First Year Medical Curriculum) 2 hours/year

2. Other teaching, activities

A. University of Louisville

Graduate College

2012 – Present Research Teaching Faculty (Active)

2015 – Present SIGS Graduate Council

Thesis Committees –

Chair:

2015 – Jamie Rush (Pharmacology & Toxicology)

Dissertation Committees –

Chair:

2016 – Present Christine Kim (Pharmacology & Toxicology)

2014 – 2018 Julie Gosney (Pharmacology & Toxicology)

2013 – 2017 Nicole Jackson (Pharmacology & Toxicology)

Member:

2016 – Present Christopher Nevitt (Biochemistry and Molecular Genetics)

2015 – 2017 Zimple Kurlawala (Pharmacology & Toxicology)

2014 – 2017 Christopher Shidal (Pharmacology & Toxicology)

2015 – Present Amanda Pulsifer (Immunology and Microbiology)

2015 – Present Josiah Hardesty (Biochemistry and Molecular Genetics)

2013 – 2014 Christopher England (Pharmacology & Toxicology)

B. University of Oklahoma HSC - Graduate College

Thesis Committees –

2003 – 2004 Debbie Gilmore (Neuroscience)

Dissertation Committees –**Chair:**

2010 – 2013 Joanne Peterson (Cell Biology)

2005 – 2009 Phillip Vanlandingham (Cell Biology)

Member:

2001 – 2006 Eric Phelps (Cell Biology)

2001 – 2006 Vidya Vedham (Microbiology)

2002 – 2005 Anu Pradhan (Neuroscience)

2003 – 2005 Shekhar Kamat (Cell Biology)

2003 – 2008 George Risinger (Cell Biology)

2005 – 2008 Adam Hoffhines (Cell Biology)

2005 – 2009 Harshini Mehta (Cell Biology)

2006 – 2009 Tamara Poptapova (Cell Biology)

2006 – 2009 Shikha Malhotra (Cell Biology)

2006 – 2010 Salika Shakir (Microbiology)

2006 – 2009 Sehyun Kim (Cell Biology)

2009 – 2012 Madhu Pandey (Biochemistry)

2010 – 2013 Ed Nygen (Cell Biology)

2010 – 2015 Seokho Kim (Cell Biology)

2011– 2013 Dawei Sun (Cell Biology)

2011– 2012 Kandice Tessneer (Biochemistry)

2011– 2012 Lea Marchette (Cell Biology)

C. University of Alberta**External Reviewer:**

2017 – Ping Ping Wee (Dept. of Medical Genetics)

3. Mentoring:**A. University of Louisville****Undergraduates/Medical Students:**

Summer 2018 Christopher Artner, University of Louisville School of Medicine

Summer 2017 Jay C. Patel, University of Louisville School of Medicine

Summer 2015 Hailey Griffey, University of Louisville

Summer 2013–14 Tejas Sangoi, St. Louis University

Summer 2014 Adrienne Voelker, University of Notre Dame

Rotation Students:

Fall 2012 Nicole Jackson (Pharmacology & Toxicology)

Fall 2012 Laura Keller (Pharmacology & Toxicology)

Fall 2014 Julie Gosney (Pharmacology & Toxicology)

Fall 2016 Christine Kim (Pharmacology & Toxicology)

Graduate Students:

Fall 2012 Nicole Jackson (Pharmacology & Toxicology)

Fall 2014 Julie Gosney (Pharmacology & Toxicology)

Fall 2016 Christine Kim (Pharmacology & Toxicology)

Post-doctoral Fellows:

2013 – 2015 Luis Neves, Ph.D.

2013 – 2015 – Adriana Simonescu-Bankston, Ph.D.

B. University of Oklahoma Health Sciences Center**Undergraduates:**

Summer 2009 Shayna Pratt, OK Christian University

2007- 2008 Tiffany Verghese (OSSM)

2005-2006 Michael Ding (OSSM)

Fall 2005 – Fall 2007 – Lacey Adams, OK Christian University

Fall 2003- Spring 2005 – Dustin Hyatt, OK Christian University

Summer 2004 – SURE Student Robert Crane (Univ. Central OK)

Summer 2002 – SURE Student – Kefa Njengah (Univ. Central OK)

Medical:

Summer 2011 – Luke Engelman (MSI)

Summer 2006 – Robert Crane (MSII)

Rotation Students:

Fall 2011 – Robert Jackson (GPiBs - OUHSC)

Fall 2011 – Caleb Martin (GPiBs - OUHSC)

Fall 2010 – Qian Chen (GPiBs - OUHSC)

Winter 2010 – Joanne Peterson (GPiBs - OUHSC)

Fall 2006 – Katherine Heil (GPiBs - OUHSC)

Fall 2005 – Ioana Boeras (GPiBs - OUHSC)

Fall 2004 – Stacie Brown (GPiBs - OUHSC)

Fall 2002 – Breca Tracy (GPiBs - OUHSC)

Post-doctoral Fellows:

2004 – 2009 – Lulin Hu, M.D., Ph.D.

Faculty:

2009-2011 (Summers) – Eric Phelps, Ph.D. Assist. Prof. OK Christian University

CLINICAL ACTIVITIES - Not Applicable**GRANTS AND CONTRACTS****A. Current:**

1. NIH/NEI R21EY027032 (PI:Ceresa) 07/01/16 – 06/30/18
R21: Identifying novel c-Cbl antagonists to promote corneal epithelial regeneration
Role: PI (30% effort) Total Funding: \$423,500
2. NIH/NEI T35EY026509 (PI:Ceresa/Kaplan) 07/01/17 – 04/28/22
T35: Summer Vision Sciences Training Program
Role: Co-PI (5% effort) Total Funding: \$193,732
3. NIH/NCI R01CA193220 (PI:Beverly) 08/1/15 – 07/31/20
R01: Ubiquilin1 regulates EMT and metastasis of human lung adenocarcinoma

Role: Co-I (1% effort) Total Funding: \$1,750,890

B. Pending

1. NIH/NEI EY028911 (PI:Ceresa) 10/01/18-09/30/23
R01: "Chemical Optimization of c-Cbl antagonists for corneal wound healing"
Role: PI (30% effort) Total Funding: \$1,883,088
2. NIH/NEI EY030052 (PI:Ceresa) 1/1/19-12/31/23
R01: "c-Cbl Regulation of EGFR-mediated Corneal Epithelial Homeostasis"
Role: PI (30% effort) Total Funding: \$1,883,088

C. Completed Projects:

1. DoD Breast Cancer Initiative (PI:Ceresa) 07/1/99 – 06/30/02
"EGF Receptor Signaling in Endocytosis Deficient Cells" DAMD17-99-1-9367
Role: PI (30% effort) Total Direct Funding: \$124,802
** Post-doctoral Fellowship at Scripps Res. Inst., transferred to OUHSC.
2. Wendy Will Case Cancer Fund (PI:Ceresa) 01/1/02 – 12/31/02
"Regulation of EGFR Signaling by the Endocytic Pathway"
Role: PI (40% effort) Total Direct funding: \$25,000.
3. OK Center Adv. of Science and Technology (PI:Ceresa) 09/1/00 – 06/30/03
"EGFR Signaling Regulated by the Endocytic Pathway"
Role: PI (30% effort) Total Direct Funding: \$135,000
4. OK Center Adv. of Science and Technology (PI:Ceresa) 07/01/03 – 06/30/06
"Does HPV16 E5 affect EGFR Endocytosis and Signaling?"
Role: PI (30% effort) Total Direct Funding: \$135,000
5. Presbyterian health Foundation (PI:Ceresa) 05/01/06 – 04/30/07
"EGFR Signaling During Endocytosis"
Role: PI (30% effort) Total Direct Funding: \$30,000
6. American Cancer Society – RSG-03-021-01-CSM (PI:Ceresa) 01/01/03 – 12/31/08
"Regulation of EGFR signaling by the Endocytic Pathway?"
Role: PI (40% effort) Total Direct Funding: \$600,000
7. Milheim Foundation (PI:Ceresa) 07/01/07 – 06/30/08
"Induction of Polyploidy by HPV E5"
Role: PI (15% effort) Total Direct Funding: \$10,000
8. Mary Kay Ash Foundation (PI:Ceresa) 07/01/08 – 06/30/10
"HPV16 E5 Mediated Cell Fusion in Oncogenesis"
Role: PI (10% effort) Total Direct Funding: \$100,000
9. NIH Vision COBRE (PI:Anderson) 07/01/08 – 06/30/09
"EGFR-mediated Corneal Epithelial Wound Healing"
Role: Early Career Investigator (25% effort) Total Direct Funding: \$75,000

10. NIH/NEI 5P30EY012190 (PI: Anderson) 07/01/09 –12/31/11
 Vision COBRE: “EGFR-mediated Corneal Epithelial Wound Healing”
 Role: Early Career Investigator (30% effort) Total Direct Funding: \$300,000
 (Terminated due to funding of NEI grant 1R01EY021497-01A1)
11. NIH/NCRR P20RR016478 (PI:Akins) 04/1/10 –3/30/11
 INBRE Collaborative Grant application \$60,920
 “Developing an in vivo model of the human papillomavirus E5 oncogene using Drosophila melanogaster as a model organism.”
 Role: Mentor to Joseph Ahlander, Ph.D, Northeast Oklahoma State University (5% effort)
12. OK Center Adv. of Science and Technology (PI:Ceresa) 08/01/10 – 06/30/12
 “Regulation of EGFR mediated corneal wound healing”
 Role: PI (18% effort) Total Direct Funding: \$135,000
13. NIH/NIGMS 1R01GM092874(PI: Ceresa) 09/01/10-08/31/15
 R01:”Endocytic Regulation of EGFR Signaling”
 Role: PI (30% effort) Total Direct Funding: \$600,000
14. NIH/NEI 1R01EY021497 (PI:Ceresa) 01/01/12 – 12/31/14
 R01: Modulation of EGFR Signaling to Promote Corneal Wound Healing
 Role: PI (50% effort) Total Direct Funding: \$750,00
15. PanOptica, Inc. OICN141415 (PI:Ceresa) 08/15/14 – 09/15/15
 “The Effect of PAN-90806 on EGFR-mediated Corneal Epithelial Homeostasis”
 Role: PI (20% effort) Total Funding: \$120,400

PATENTS None

EDITORIAL WORK

Dates

2001- Present European Molecular Biology Organization (EMBO) Journal
 2001- Present EMBO Reports
 2004- Present Experimental Cell Research
 2006 Histology and Histopathology-Cellular and Molecular Biology
 2003 – Present Molecular Biology of the Cell
 2003 – Present Molecular and Cellular Biology
 2006 – Present Traffic
 2005 – Present Journal of Cell Science
 2010 – Present Investigative Ophthalmology & Visual Science
 2010 Journal of Molecular Histology
 2010 Biology of the Cell
 2010 BBA - Molecular Cell Research
 2011- 2013 Virology Journal
 2011 Journal of Ocular Pharmacology and Therapeutics
 2012 Oncogene
 2012 Drug and Food Toxicology
 2012 – Present PLOS One
 2013 Molecular Pharmaceutics

2013	African Journal of Pharmacy and Pharmacology
2013	Biomaterials Science
2014	Journal of Cell Biochemistry
2014	Trends in Cell Biology
2016	FEBS Letters
2016	Journal of Cancer
2016	Communicative and Integrative Biology
2017	Cancers
2017	Mol. Cell Endocrinology
2017	Exp. Eye Res.
2017	International Journal of Molecular Science
2017	Nanoscale
2018	Science Signaling
2018	Nanomaterials
2018	International Journal of Nanomedicine

Editorial Boards

2013 – Present Frontiers in Cell Biology (Membrane Trafficking Section)

ABSTRACTS AND PRESENTATIONS (Number each and include relevant date)

ORAL PRESENTATIONS

Invited Seminars:

1. July 24, 2003 – Oklahoma State University “Rab5 as a regulator of Endocytic Trafficking”
2. February 4, 2004 – Oklahoma Christian University “Regulation of Endocytic Trafficking of the EGFR”
3. Oct 15, 2004 – Oklahoma State University, Center for Health Sciences “Rab5 Regulation of EGFR Endocytic Trafficking”
4. April 20, 2006 – Geisinger Clinic, Danville, PA – “Rab7 Regulation of EGFR Endocytic Trafficking”
5. February 18, 2009 – University of Nebraska, Lincoln – “HPV16 E5 Mediated Cell:Cell Fusion - A New Model for Inducing Carcinogenesis
6. January 22, 2010 – Oklahoma Christian University “Manipulating the Activity of the Epidermal Growth Factor Receptor To Promote Corneal Epithelial Wound Healing”
7. March 25, 2011 – Harrison School of Pharmacy, Auburn University “Optimizing Epidermal Growth Factor Receptor Activity by Modulating Its Endocytic Trafficking”
8. May 17, 2011 – University of Vermont, Department of Pharmacology “Optimizing Epidermal Growth Factor Receptor Activity by Modulating Its Endocytic Trafficking”
9. January 19, 2012 – University of Louisville, Department of Pharmacology and Toxicology, “Modulation of Epidermal Growth Factor Endocytic Trafficking to Enhance Cell Physiology”
10. December 15, 2012 – American Society of Cell Biology, “Endocytosis and Signaling” Workshop “EGFR Signaling from the Endosome”
11. October 1, 2013 – University of Kentucky, Department of Biochemistry, “EGFR trafficking in the Corneal Epithelium”
12. November 20, 2014 – University of Oklahoma Health Sciences Center, Cell Biology “Modulating EGFR to Promote Corneal Epithelial Regeneration”
13. November 10, 2017 – University of Alberta, Edmonton, CA, Medical Genetics “Modulating EGFR Endocytic Trafficking to Promote Corneal Epithelial Wound Healing”

Local Seminars:

1. January 2001: Molecular Pathology Conference – “Determinants of Gene Expression II: Cell Signaling”
2. January 2001: Oklahoma Center for Neuroscience Hot Topics – “Cell Signaling: 2001 and Beyond”
3. May 2006: HPV Research Month at the OU Cancer Institute – “Designing a Tissue Culture Model to Study the Effects of HPV16 E5 on EGFR Trafficking and Signaling”

4. January 2008: Cell Biology and Biochemistry Seminar Series – “HPV16 E5 induces polyploidy by Cell Fusion”
5. September 2011: Dean McGee Eye Institute Dedication – “Re-directing Traffic: A New Way to Restore the Corneal Epithelium”
6. November 2012: Brown Cancer Center, Molecular Targets Seminar Series – “Spatial Regulation of EGFR Signaling”
7. February 2013: Department of Ophthalmology and Vision Sciences, University of Louisville – “Promoting Corneal Epithelial Homeostasis by Modulating Epidermal Growth Factor Receptor Activity”.
8. May 2014: Department of Anatomical Sciences, University of Louisville – “Diverting Receptor Trafficking to Promote Corneal Epithelial Wound Healing”.
9. Nov 2014: Department of Pharmacology and Toxicology “Teaching an Old Dog New Tricks: New ways to Modulate EGFR Signaling”.
10. Dec 2014: Department of Ophthalmology and Vision Sciences, University of Louisville – “Teaching an Old Dog New Tricks: Modulating EGFR activity to Enhance Corneal Epithelial Wound Healing”.
11. July 2016: Department of Pharmacology and Toxicology, University of Louisville - “Traveling through Time and Space to Regulate EGFR Signaling”
12. January 2017: Department of Biology, University of Louisville - "Biology “(Off)-Targeting the EGFR to Promote Wound Healing”
13. September 2017: Brown Cancer Center Colloquium “The Eyes Have it! Using Ocular Models to Study EGFR Function and Signaling”

POSTERS (National/International Meetings)

1. March 2001: American Association for Cancer Research, **Ceresa, B. P.** and Schmid, S. L., Expression of rab5(Q79L) Enlarged Endosomes Does Not Alter Epidermal Growth Factor Receptor Endocytic Trafficking (Poster).
2. June 2002: FASEB Summer Research Conference: Receptors and Signal Transduction Dinneen, J.L. and Ceresa, B.P., Dominant negative rab5(S34N) inhibits EGFR endocytic trafficking to the early endosome. (Poster).
3. September 2002: DOD Era of Hope, Dinneen, J.L. and **Ceresa, B.P.**, Dominant negative rab5(S34N) inhibits EGFR endocytic trafficking to the early endosome. (Poster)
4. August 2003: American Association for Cancer Research, Dinneen, J.L. and **Ceresa, B.P.**, Expression of dominant negative rab7(N125I) slows EGFR endocytic trafficking and enhances EGFR-mediated cell proliferation. (Poster)
5. August 2003: FASEB Summer Research Conference: Growth Factors, Dinneen, J.L. and **Ceresa, B.P.**, Rab5 Regulation of EGFR Expression and Signal Transduction, (Poster).
6. October 2003: ACS Jiler American Cancer Society Professors Meeting, Dinneen, J.L. and **Ceresa, B.P.**, Rab5 Regulation of EGFR Expression and Signal Transduction (Poster).
7. June 2005: DOD Era of Hope, **Ceresa, B. P.** Rab7 activity regulates EGFR trafficking. (Poster)
8. July 2005: FASEB Summer Research Conference: Receptors and Signal Transduction **Ceresa, B.P.**, Regulation of EGFR Endocytic Trafficking by rab7, (Poster).
9. December 2005: American Society of Cell Biology, **Ceresa, B.P.**, Rab7 Regulation of EGFR Endocytic Trafficking. (Poster).
10. July 2006: Gordon Research Conference: Growth Factor Receptors, Hyatt, D. and **Ceresa, B.P.** Cell Surface and Intracellular EGFRs Differentially Activate DNA Synthesis and Apoptotic Pathways (Poster)
11. July 2006: FASEB Summer Research Conference: Small GTPases, Vanlandingham, P. and **Ceresa, B.P.** Constitutive Knockdown of rab7 slows EGFR Trafficking, Enhances EGFR Expression, and Increases EGF-Dependent Cell Growth (Poster).
12. Dec 2006: American Society of Cell Biology, **Ceresa, B.P.** and Hyatt, D. Spatial Localization of EGFRs Dictates Activation of Growth versus Apoptotic Pathways (Poster).
13. August 2007: FASEB Summer Research Conference: Tyrosine Kinase Receptors Vanlandingham, P. and **Ceresa, B.P.** Knockdown of rab7 causes endosomal accumulation of activated EGFRs (Poster)

14. July 2007: Cell-Cell Fusion Gordon Conference, Hu, L. and **Ceresa, B.P.** Human Papillomavirus 16 E5 induces polyploidy by cell fusion * This abstract was selected for oral presentation.
15. Dec 2007: American Society of Cell Biology, Vanlandingham, P. and **Ceresa, B.P.** Knockdown of rab7 causes endosomal accumulation of Activated EGFRs (Poster).
16. Dec 2007: American Society of Cell Biology, Hu, L. and **Ceresa, B.P.** Human Papillomavirus 16 E5 induces polyploidy by cell fusion (Poster).
17. June 2008: DoD Era of Hope Meeting, Hyatt, D. and **Ceresa, B.P.** Cellular Localization of the Activated EGFR Determines Its Effect on Cell Growth (Poster).
18. July 2008: FASEB Summer Research Conference: Small GTPases, Vanlandingham, P. and **Ceresa, B.P.** Rab7 Regulates Late Endocytic Trafficking Downstream of MVB Biogenesis and Cargo Sequestration (Poster).
19. Dec 2008: American Society of Cell Biology, Hu, L., Angeletti, P.C., and **Ceresa, B.P.** Human Papillomavirus16 E5 Initiates Cell Transformation Through Cell-Cell Fusion (Poster).
20. May 2009: Association for Research in Vision and Ophthalmology, **B.P. Ceresa** and J.L. McClintock. TGF-alpha Enhances Corneal Epithelial Cell Migration through Slowed Degradation of the Activated EGFR (Poster)
21. March 2010: Biology and Pathobiology of the Cornea Gordon Research Conference, **B.P. Ceresa** and J.L. McClintock. The Endocytic Pathway Regulates the Extent of EGFR-mediated Corneal Epithelial Cell Migration (Poster)
22. May 2010: Association for Research in Vision and Ophthalmology, **B.P. Ceresa**, D.U. Stone, and J.L. McClintock. Choice of Ligand Forecasts the Spatial and Temporal Regulation the Epidermal Growth Factor Receptor in Corneal Epithelial Cells (Oral presentation).
23. May 2010: 1st Annual Papillomavirus E5 Workshop, Hu, L., Angeletti, P.C., and **Ceresa, B.P.** Human Papillomavirus 16 E5 Initiates Cell Transformation through Cell-Cell Fusion (Oral Presentation).
24. May 2011: Association for Research in Vision and Ophthalmology, Peterson, J.L., and **Ceresa, B.P.**, Betacellulin as a Potential Therapeutic Agent in Corneal Epithelial Wound Healing (Poster).
25. May 2011: Association for Research in Vision and Ophthalmology, **Ceresa, B.P.**, McClintock, J.M., Phelps, E.D., Rush, J., Termination of Epidermal Growth Factor Receptor Signaling in Corneal Epithelial Cells is Regulated by Receptor Sequestration (Poster).
26. December 2011: American Society for Cell Biology, **Ceresa, B.P.**, Phelps, E.D., Rush, J., Spatial Regulation of EGFR signaling (Poster)
27. April 2012: Federation of the American Society of Experimental Biology, Peterson, J.L., Phelps, E.D., **Ceresa, B.P.** The Molecular Mechanism behind Betacellulin Induced Corneal Epithelial Wound Healing (Poster)
28. May 2012: Association for Research in Vision and Ophthalmology, **Ceresa, B.P.**, Peterson J.L., Phelps, E.D., Betacellulin-Mediated Corneal Epithelial Cell Migration (Poster).
29. May 2013: Association for Research in Vision and Ophthalmology, **Ceresa, B.P.**, Peterson J.L., Pharmacological Analysis of Epidermal Growth Factor Receptor Ligands on Corneal Epithelial Cells (Poster)
30. September 2013: 75th Harden Conference - Receptor Tyrosine Kinase Structure and Function in Mammalian Health and Disease Peterson, J.L. and **Ceresa, B.P.** Analysis of EGFR ligands found in human tears reveals differences in corneal epithelial wound healing and ligand induced EGFR signaling (Oral Presentation)
31. December 2013: American Society for Cell Biology, Parks, E.E. and **Ceresa, B.P.**, EGFR Signaling from the Plasma Membrane (Poster).
32. December 2013: American Society for Cell Biology, Rush, J.S. and **Ceresa, B.P.**, c-Cbl as a therapeutic target for Enhanced Human Corneal Epithelial Wound Healing (Poster)
33. December 2013: American Society for Cell Biology, Peterson, J.L. and **Ceresa, B.P.**, Analysis of EGFR ligand found in human tears reveals differences in corneal epithelial wound healing and ligand induced EGFR signaling (Poster).
34. June 2014: Gordon Research Conference: Lysosomes & Endocytosis, Bankston, A. and **Ceresa, B.P.** Regulation of EGFR tyrosine phosphorylation by the endocytic pathway (Poster)
35. July 2014: FASEB Summer Research Conference: Protein Kinases, Cellular Plasticity and Signal Rewiring. **Ceresa, B.P.** and Parks, E.E. Cell Surface Epidermal Growth Factor Receptors Increase Src and c-Cbl Activity and Receptor Ubiquitylation (Poster)

36. Dec 2014: American Society for Cell Biology, Wiechmann A.F., **Ceresa B.P.**, and Howard E.W. Diurnal variations in matrix metalloproteinase expression and tight junction integrity in *Xenopus laevis* corneal epithelium (Poster)
37. Jun 2015: 7th International Conference on cGMP, Trier, Germany, Jackson, N. and Ceresa, B. Cyclic GMP Dependent Protein Kinase (PKG) as a mediator of EGFR-Induced Apoptosis in Breast Cancer.
38. Dec 2015: American Society of Cell Biology, San Diego, CA: Gosney, J. and Ceresa, B.P. A non-invasive strategy for enriching early endosomes to examine EGFR signaling.
39. Dec 2015: American Society of Cell Biology, San Diego, CA: Jackson, N. and Ceresa, B. Cyclic GMP Dependent Protein Kinase (PKG) as a mediator of EGFR-Induced Apoptosis in Breast Cancer
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PUBLICATIONS –

PEER-REVIEWED

Original Research (* indicates mentored graduate student; ** indicates mentored post-doctoral fellow)

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