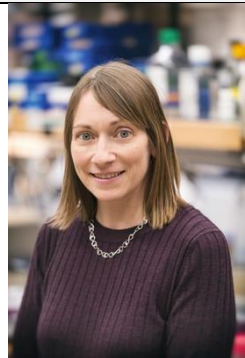


2nd AACR-KCA Joint Conference on Precision Medicine in Solid Tumors

in conjunction with the 24th KCA Fall Symposium

Curriculum Vitae



Full Name	Carla Kim
Current Position	Professor of Genetics and Pediatrics at Harvard Medical School/Principal Investigator at Boston Children’s Hospital
Department	Genetics Dept. at HMS and the Stem Cell Program in the Hematology/Oncology Research Division at BCH
Affiliation	Boston Children’s Hospital, Harvard Medical School, Harvard Stem Cell Institute, Dana-Farber/Harvard Cancer Center
Country	USA

Education

1997	B.S.	Biology	Ohio Northern University
2002	Ph.D.	Genetics (Advisor John Petrini)	University of Wisconsin, Madison
08/02-09/06	Postdoctoral Fellow	Cancer and Stem Cell Research (Laboratory of Tyler Jacks)	Massachusetts Institute of Technology

Professional Experience

The broad interest of my laboratory is to use stem cell biology to increase our understanding of how mechanisms governing normal lung biology are impacted in lung disease and lung cancer. I have long-standing expertise in developing methods to isolate and functionally characterize stem cell populations from the murine and human lung. We have created three-dimensional co-culture organoid systems that allow us to visualize the formation of airway- and alveolar-like structures from lung epithelial progenitor cells. Using this platform, we are defining how progenitor cells are regulated by cell-cell communication between epithelial cells and mesenchymal cells. These tools give us a new window to understand the cell autonomous and paracrine mechanisms of lung progenitor cell biology that are altered in pulmonary diseases and in lung cancer. Most recently, we developed methods to model the earliest stages of lung cancer in organoid cultures. Our expertise in epigenetic regulation of lung cells has revealed multiple new therapeutic approaches for particular subsets of lung cancer patients that are now being pursued in pre-clinical and clinical studies.

Positions and Scientific Appointments

2020-	Co-Leader, Harvard Stem Cell Institute
2020-	Co-Leader, Dana Farber Harvard Cancer Center Lung Cancer Program
2018 -	Professor, Department of Pediatrics, Harvard Medical School
2017 -	Professor, Department of Genetics, Harvard Medical School
2015 -	Associate Member, Division of Respiratory Diseases, Boston Children’s Hospital
2014 -	Member, Hope Funds for Cancer Research Scientific Advisory Board
2013 - 2018	Associate Professor, Department of Pediatrics, Harvard Medical School
2012 - 2017	Associate Professor, Department of Genetics, Harvard Medical School
2010 -	Member, Harvard Stem Cell Institute Executive Committee
2009 - 2012	Audit Committee Chair, International Society for Stem Cell Research
2009 -	Member, American Thoracic Society
2009 -	Member, American Association for Cancer Research
2006 - 2014	Audit Committee Member, International Society for Stem Cell Research

AACR-KCA 2021 Secretariat

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2006 - 2012	Assistant Professor, Department of Genetics, Harvard Medical School
2006 -	Member, Dana Farber Harvard Cancer Center
2006 -	Principal Faculty, Harvard Stem Cell Institute
2006 -	Principal Faculty, Stem Cell Program, Boston Children's Hospital
2003 -	Member, International Association for the Study of Lung Cancer
2003 -	Member, American Society for Cell Biology
2003 -	Member, International Society for Stem Cell Research
2002 - 2006	Postdoctoral Fellow, Center for Cancer Research, MIT, Cambridge, MA
1997 - 2002	Predoctoral Trainee, Department of Genetics, University of Wisconsin

Honors

2020	National Institute of Health Outstanding Investigator Award R35
2015	William Rippe Award for Distinguished Research in Lung Cancer, Lung Cancer Research Fnd
2015	Distinguished Alumni Award, Ohio Northern University
2012	Office of Faculty Development Research Award, Boston Children's Hospital
2008	Research Scholar, American Cancer Society
2008	Basil O'Conner Scholar Award, March of Dimes
2007	Joan's Legacy Lung Cancer Foundation Scholar, Joan's Legacy Lung Cancer Foundation
2007	V Scholar, V Foundation for Cancer Research
2006	Forbeck Scholar Award, William Guy Forbeck Research Foundation
2003	Merck Postdoctoral Fellowship, The Jane Coffin Childs Memorial Fund
2001	Cremer Scholar, University of Wisconsin
2001	Schlimgen Award for Outstanding Graduate Student Achievement, University of Wisconsin
2000	Wisconsin Alumni Research Foundation Fellowship, University of Wisconsin
1997	National Science Foundation Predoctoral Fellowship, National Science Foundation
1997	Mortar Board National Honor Society Graduate Fellowship, Ohio Northern University
