Jan A. Nolta, Ph.D.

Research/Academic Interests

Jan A. Nolta, Ph.D., is the director of the Stem Cell Program at UC Davis School of Medicine and directs the university's Institute for Regenerative Cures. She also serves as scientific director of the large UC Davis Good Manufacturing Practice facility and the California Umbilical Cord Blood Collection Program. In 2013, she was named one of the "Top 50 Global Stem Cell Influencers." The UC Davis Stem Cell Program has more than 150 faculty members collaborating to work toward regenerative medicine-related cures for a spectrum of diseases and injuries. The current research in Nolta's laboratory is focused on developing therapies that will use gene-modified bone marrow-derived mesenchymal stem/stromal cells to deliver factors for treating Huntington's disease and vascular disorders. The group she oversees at UC Davis' Shared Translational Laboratory is helping university teams develop numerous clinical trials for gene and cell therapy, with several adult stem cell therapies already in the clinic and more than a dozen in the pipeline.

A scientist with more than 25 years of experience with human stem cells and clinical trial development, Nolta has published more than 100 peer-reviewed manuscripts in the stem cell field and has authored 30 book chapters. She has served on more than 200 review panels for the National Institutes of Health and other grant-funding agencies, is editor for the journal Stem Cells, and was editor of the book Genetic Engineering of Mesenchymal Stem Cells.

In 2012, Dr. Nolta received a prestigious five–year Transformative Grant Award from the NIH, and is also funded as co-principal investigator on three grants from the California Institute for Regenerative Medicine to develop novel phase I clinical trials.

Title

Director, Stem Cell Research Program
Director, UC Davis Institute for Regenerative Cures
Professor

Specialty

Hematology Oncology

Center/Program Affiliation

Institute for Regenerative Cures
Stem Cell Research Program
UC Davis Comprehensive Cancer Center

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Education

Ph.D., University of Southern California, Los Angeles, California, 1994
B.S., California State University, Sacramento, Sacramento, California, 1984

Professional Memberships

National Institutes of Health, Hematology B Study Section

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Honors and Awards

Top 50 Global Stem Cell Influencers, 2013
Distinguished Service Award, 2009
Editor, Stem Cells, 2012 to present
Distinguished Leadership Award, Huntington's Disease Society of America, 2008
James Shannon Directors Award, NIH NIDDK, 1997
International Society of Hematology New Investigator Award, 1996
Research Career and Development Award, CHLA Research Institute, 1996

Select Recent Publications

For a list of Dr. Nolta's publications, please click here (opens new window).

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