DOMINIQUE C. BERGMANN
Shirley R. and Leonard W. Ely Professor
Professor, Department of Biology, Stanford University
Investigator, Howard Hughes Medical Institute
dbergmann@stanford.edu

POSITIONS AND EMPLOYMENT

2020-present	Shirley R. and Leonard W. Ely Endowed Professorship in Humanities and Sciences
2015-present	Professor of Biology, Stanford University (Associate Chair 2020-2024)
	(2005-2011, Assistant professor; 2011-2015 Associate professor)
2013-present	Stanford Cancer Institute member, Cancer Stem Cell Division
2011-present	Investigator, Howard Hughes Medical Institute
2011-present	Affiliated faculty Stanford Institute for Stem Cell Biology and Regenerative Medicine
2011-2020	Adjunct staff member, Carnegie Institution for Science, DPB

EDUCATION & TRAINING

Postdoctoral Scholar	2004	Carnegie Institution, Dept. of Plant Biology
PhD	2000	MCD Biology, University of Colorado, Boulder, CO
	1997	MBL Wood's Hole Embryology course
BA	1993	Molecular and Cellular Biology, UC Berkeley, CA
	1989	Bureau of Land Management, Burley district, Burley, ID

SELECTED HONORS

2024	EMBO member
2022	Member of Academia Europaea (section of Cell Biology)
2017	Elected to U.S. National Academy of Sciences
2010	Charles Albert Shull Award (American Society for Plant biology)
2010-2015	Presidential Early Career Award (PECASE) from National Institutes of Health
2009-2014	NSF CAREER Award

PUBLICATIONS (5 selected from last 5 years)

For complete list, see
https://scholar.google.com/citations?user=mywyfl8AAAAJ&hl=en

Wallner ES et al., (2024) Spatially resolved proteomics of the stomatal lineage: Polarity complexes for cell divisions and stomatal pores. **Developmental Cell** 59, 1096-1109 PMID: 38518768

Muroyama A, Gong Y, Hartmann KS DC Bergmann (2023) Cortical polarity ensures its own asymmetric inheritance in the stomatal lineage to pattern the leaf surface. **Science** 381, 54-59

Gong Y*, Dale R*, Fung HF*, Amador GO*, Smit ME and DC Bergmann (2023) A cell size threshold triggers commitment to stomatal fate in Arabidopsis Science Advances 9:38 PMID:37729402 *equal contribution.

Lopez-Anido CB, Vatén A, Smoot NK, Sharma N, Guo V, Gong Y, Anleu Gil MX, Weimer AK, DC Bergmann (2021) Single-Cell Resolution of Lineage Trajectories in the Arabidopsis Stomatal Lineage and Developing Leaf **Developmental Cell** 56, 1-13

Mair A, Xu S, Branon TC, Ting AY and DC Bergmann (2019) Proximity labeling of protein complexes and cell type-specific organellar proteomes in Arabidopsis enabled by TurboID **Elife** 8:e47864

SYNERGISTIC ACTIVITIES

Scientific advisory boards: CSHL, New York (2024-present); Sainsbury lab, Cambridge UK (2019-2025); Gregor Mendel Institute, Vienna, Austria (2015-2021; 2022); VIB, Belgium (2011-2016), NAASC (2010-2014), Society for Developmental Biology (2007-2010); Quantitative Biology and the NSF-Simons Center at Harvard (2020-2023); KITP Interdisciplinary Biology Initiative (2021-present).

Editorial activity: Editor at Elife (2012-present), Annual reviews in Genetics (2014-present), Journal of Cell Biology (2016-present), PNAS (2019-present); Development (2023-present)

Grant review: *ad hoc* reviewer for NIH, NSF, DOE, USDA, ERC (Europe), BARD/IST (Israel), BBSRC (UK), SNF (Switzerland), DFG (Germany), NWO (Netherlands), FWO (Belgium), CAS (China). Panelist for NSF IOS and PGRP programs (2008, 2013, 2019, 2022)

Teaching: Supervised 19 PhD students (co-advised 6) and 29 postdocs at Stanford University
Primary lecturer in Bio41 (2006-16) and Bio82 (2017-present), the largest courses in Stanford's Biology major, and designed and taught smaller course on signaling and plant biology. Modules in CSHL Plant Biology course (2019) and Kavli Institute for Theoretical Physics qBio summer school (2019, 2023).

Outreach to the broader community: Involved in numerous outreach projects with local schools (high school and undergraduate summer research interns), created materials for and advised San Jose's Tech museum and San Francisco's Exploratorium, designed materials used in rural high school "citizen science". iBiology lectures and public lectures at Lehigh University and Carnegie Capital lectures (Washington, DC) (available online).

Conference organization: GRC Developmental Biology (co-Chair 2017; chair 2019); FASEB Mechanisms in Plant Development, 2015; International Arabidopsis meeting, 2014; Society for Developmental Biology, 2014; CSHA Plant cell and development, 2011; Santa Cruz Developmental Biology conference, 2010

Seminars and presentations: More than 150 US and international seminars including 14 named lectures; 14 conference keynotes; 15 student-invited; 5 with specific focus on mentorship of women or early career researchers.