



Gerstner Sloan Kettering  
Graduate School of Biomedical Sciences

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MOLECULAR BIOLOGY PROGRAM

# The Prasad Jallepalli Lab

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Prasad Jallepalli, MD, PhD

Member

Professor

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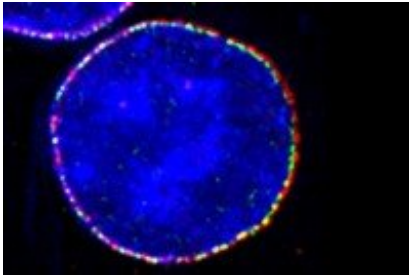
Our laboratory is interested in how human cells accurately duplicate and transmit their chromosomes during each round of division.

[View Lab Overview](https://www.sloankettering.edu/research-areas/labs/prasad-jallepalli/overview) (<https://www.sloankettering.edu/research-areas/labs/prasad-jallepalli/overview>)



## Featured News

SNAPSHOT



## [Not So Fast: Dividing Cells Use a “Speed Limit” to Avoid Genetic Mistakes](#)

The discovery of a molecular process that slows down cell division could provide new understanding about how some cancers develop.

## Publications Highlights

J. Maciejowski, H. Dreschler, K. Grundner-Culemann, E.R. Ballister, J.-A. Rodriguez-Rodriguez, V. Rodriguez-Bravo, M.J.K. Jones, E. Foley, M.A. Lampson, H. Daub, A.D. McAinsh, and P.V. Jallepalli. Mps1 regulates kinetochore-microtubule attachment stability via the Ska complex to ensure error-free chromosome segregation. *Dev. Cell* 41, 153-156 (2017).

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V. Rodriguez-Bravo, J. Maciejowski, J. Corona, H.K. Buch, M.T. Kanemaki, J.V. Shah, and P.V. Jallepalli. Nuclear pores protect genome integrity by assembling a premitotic and Mad1-dependent anaphase inhibitor. *Cell* 156, 1017-1031 (2014).

[View All Publications](#)

## People



## Prasad Jallepalli, MD, PhD

*Member*

*Professor*

- Molecular biologist Prasad Jallepalli studies the mechanisms that ensure accurate chromosome transmission in human cells.
- MD, PhD, Johns Hopkins University School of Medicine

✉ [jallepap@mskcc.org](mailto:jallepap@mskcc.org)

Email Address

☎ [212-639-3252](tel:212-639-3252)

Office Phone

### Members

Lab  
Alumni



Prasad Jallepalli  
Member & Professor



Jose A. Rodriguez  
Senior Research Scientist

### Lab Affiliations

### Achievements

- Phi Beta Kappa, Harvard University (1992)
- M.D./Ph.D. Fellow, Medical Scientist Training Program, Johns Hopkins University (1992-1999)

- Postdoctoral Fellow, Damon Runyon Cancer Foundation (1999-2002)
- Scholar, V Foundation for Cancer Research (2003)
- Frederick R. Adler Chair for Junior Faculty (2003-2007)

## Open Positions

To learn more about available postdoctoral opportunities, please visit our [Career Center](#)

To learn more about compensation and benefits for postdoctoral researchers at MSK, please visit [Resources for Postdocs](#)

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## Career Opportunity

[Apply now](https://www.sloankettering.edu/research-areas/labs/prasad-jallepalli/career-opportunity) (<https://www.sloankettering.edu/research-areas/labs/prasad-jallepalli/career-opportunity>)

## Get in Touch

 [jallepap@mskcc.org](mailto:jallepap@mskcc.org)


Lab Head Email

 [212-639-3252](tel:212-639-3252)

Office Phone

 [212-639-3250](tel:212-639-3250)

Lab Phone

 [212-717-3627](tel:212-717-3627)

Lab Fax

## Disclosures

Members of the MSK Community often work with pharmaceutical, device, biotechnology, and life sciences companies, and other organizations outside of MSK, to find safe and effective cancer treatments, to improve patient care, and to educate the health care community. These activities outside of MSK further our mission, provide productive collaborations, and promote the practical application of scientific discoveries.

MSK requires doctors, faculty members, and leaders to report (“disclose”) the relationships and financial interests they have with external entities. As a commitment to transparency with our

community, we make that information available to the public. Not all disclosed interests and relationships present conflicts of interest. MSK reviews all disclosed interests and relationships to assess whether a conflict of interest exists and whether formal COI management is needed.

Prasad Jallepalli discloses the following relationships and financial interests:

- MilliporeSigma  
Intellectual Property Rights

The information published here is a complement to other publicly reported data and is for a specific annual disclosure period. There may be differences between information on this and other public sites as a result of different reporting periods and/or the various ways relationships and financial interests are categorized by organizations that publish such data.

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This page and data include information for a specific MSK annual disclosure period (January 1, 2024 through disclosure submission in spring 2025). This data reflects interests that may or may not still exist. This data is updated annually.

Learn more about MSK's COI policies [here](#) . For questions regarding MSK's COI-related policies and procedures, email MSK's Compliance Office at [ecoi@mskcc.org](mailto:ecoi@mskcc.org) .

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