

# Dr Susana Godinho

Barts  
Cancer Institute  
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## Research Interests

My main research areas are cancer cell division, cytoskeleton and cell invasion.

My research group focuses on:

- Understanding how cancer cells adapt to and maintain high numbers of extra centrosomes to identify novel targets for the development of selective therapies.
- Studying the impact of extra centrosomes in cancer cell physiology, and in particular cell invasion and genomic stability.
- Developing mouse models to study how centrosome amplification affects breast cancer progression in vivo.

## Major Funders

- Early Career Researcher Fellowship, Barts Cancer Institute
- Cancer Research UK

## Contact Details

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## Recent Publications

- M. Bettencourt-Dias, F. Hildebrandt, D. Pellman, G. Woods and **S.A. Godinho** (2011). "Centrosomes in Human Disease". *Review. Trends in Genetics*, (8):307-15
- P. Vinciguerra, **S.A. Godinho**, K. Pamar, D. Pellman and A.D. D'Andrea (2010). "Cytokinesis failure occurs in Fanconi Anemia pathway-deficient murine and human bone marrow hematopoietic cells", *Journal of Clinical Investigation*, 120(11):3834-42.
- N.J. Ganem, **S.A. Godinho** and D. Pellman (2009). "A mechanism linking extra centrosomes to chromosomal instability". *Nature*, 460(7252):278:82.
- M. Kwon\*, **S.A. Godinho\***, N.S. Chandhok, N.J. Ganem, A. Azioune, M. Thery and D. Pellman (2008). "Mechanisms to suppress multipolar mitosis in cancer cells with extra centrosomes". *Genes&Development*, 22: 2189-203. \*Equal contribution.



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