

Kristina Sukanya Stapornwongkul

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ACADEMIC POSITIONS

from 09/2025	Independent Group Leader Institute of Molecular Biotechnology (IMBA), Vienna, Austria
2021 – 2025	Postdoctoral Fellow , Laboratory of Dr. Vikas Trivedi and Prof. Dr. Miki Ebisuya European Molecular Biology Laboratory (EMBL), Barcelona, Spain
2020	Postdoctoral Researcher , Laboratory of Dr. Jean-Paul Vincent Francis Crick Institute, London, UK
2016 – 2020	PhD student , Laboratory of Dr. Jean-Paul Vincent Francis Crick Institute, London, UK

EDUCATION

2015 – 2020	PhD Developmental and Stem Cell Biology Francis Crick Institute and University College London, UK
2012 – 2014	MSc Molecular Biosciences, Major: Developmental Biology University of Heidelberg, Germany
2008 – 2011	BSc Biological Sciences University of Konstanz, Germany

FELLOWSHIPS & AWARDS

12/24	CRG postdoctoral grant for collaborative projects (applicant: Marta Iglesias Garcia, co-applicant: Kristina Stapornwongkul)
06/21	Marie Skłodowska-Curie Individual Fellowship (declined by applicant)
04/21	HFSP Long-Term Postdoctoral Fellowship
12/21	International Birnstiel Award for Doctoral Studies in Molecular Life Sciences awarded by the Max Birnstiel Foundation and the Research Institute of Molecular Pathology
04/21	Beddington Medal for the best PhD thesis in Developmental Biology awarded by the British Society for Developmental Biology
12/20	EIPOD4 Postdoctoral Fellowship , EMBL/Marie Curie-cofunded Postdoctoral Fellowship “EMBL interdisciplinary postdocs”
10/15	Wellcome Trust PhD studentship in Developmental and Stem Cell Biology

SCIENTIFIC TALKS

02/25	Advances in Biosciences Seminar Series , University of Manchester, UK
04/24	SY-Stem Symposium , Vienna BioCenter, Austria
12/23	HFSP Awardees Meeting , Cape Town International Convention Centre, South Africa

09/23	European Developmental Biology Congress , Barcelona Hub, IRB Barcelona, Spain
06/23	Gordon Research Conference Developmental Biology , Mount Holyoke College, MA, USA
06/23	CATCAT Morning, Cell & Tissue Research in Catalonia , PRBB, Barcelona, Spain
11/22	Vienna BioCenter PhD Symposium , Vienna BioCenter, Austria
09/22	Lewis Wolpert Memorial Symposium , University College London, UK
09/21	Rising Young Investigator symposium , Vienna BioCenter, Austria
10/20	SFBD/SBCF/ITMO-BCDE Symposium “From cells to embryo” , Université de Paris, France
10/20	Physics of Living Matter Symposium , Centuri - Turing Centre of Living Systems, France
06/20	Stowers Research Conferences: Early Career Symposia – Developmental Cell Biology , USA

SCIENTIFIC SERVICE

2025 – present	Reviewer for Review Commons
2023 – present	Reviewer for Development , The Company of Biologists

LIST OF PUBLICATIONS

[†]Corresponding author

K. S. Stapornwongkul[†], E. Hahn, L. Salamo Palau, K. Arato, N. Gritti, K. Anlas, P. Poliński, M. Osuna Lopez, M. Ebisuya[†], V. Trivedi[†], Metabolic control of germ layer proportions through regulation of Nodal and Wnt signalling. *bioRxiv*, 12.04.569862 (2023). DOI: [10.1101/2023.12.04.569862](https://doi.org/10.1101/2023.12.04.569862)
 Commentary by Ashley Libby and Teresa Rayon, *Development*, DOI: [10.1242/dev.202774](https://doi.org/10.1242/dev.202774)

C. Schröter[†], **K. S. Stapornwongkul** and V. Trivedi, Local cellular interactions during the self-organization of stem cells. *Curr. Opin. Cell Biol.* 85, 102261 (2023). DOI: [10.1016/j.ceb.2023.102261](https://doi.org/10.1016/j.ceb.2023.102261)

G. Martínez-Ara, **K. S. Stapornwongkul** and M. Ebisuya[†], Scaling up complexity in synthetic developmental biology. *Science*, 378, 864-868 (2022). DOI: [10.1126/science.add9666](https://doi.org/10.1126/science.add9666)

K. S. Stapornwongkul and J. Briscoe[†], In preprints: Morphogens in motion. *Development*. 149 (14): dev201066 (2022). DOI: [10.1242/dev.201066](https://doi.org/10.1242/dev.201066)

K. S. Stapornwongkul and J. P. Vincent[†], Generation of extracellular morphogen landscapes: The case for diffusion. *Nat. Rev. Genetics*. 22(6), 393–411 (2021). DOI: [10.1038/s41576-021-00342-y](https://doi.org/10.1038/s41576-021-00342-y)

K. S. Stapornwongkul, M. de Gennes, L. Cocconi, G. Salbreux[†], J. P. Vincent[†], Patterning and growth control *in vivo* by an engineered GFP gradient. *Science*. 370, 321 LP – 327 (2020). DOI: [10.1126/science.abb8205](https://doi.org/10.1126/science.abb8205)
 Commentary by Naama Barkai and Ben-Zion Shilo, *Science*, DOI: [10.1126/science.abe4217](https://doi.org/10.1126/science.abe4217)

K. S. Stapornwongkul, G. Salbreux, J. P. Vincent[†], Developmental Biology: Morphogen in a Dish. *Curr. Biol.* 28, R755–R757 (2018). DOI: [10.1016/j.cub.2018.05.047](https://doi.org/10.1016/j.cub.2018.05.047)

P.-M. Martin, R. E. Stanley, A. P. Ross, A. E. Freitas, C. E. Moyer, A. C. Brumback, J. Iafrati, **K. S. Stapornwongkul**, S. Dominguez, S. Kivimäe, K. A. Mulligan, M. Pirooznia, W. R. McCombie, J. B. Potash, P. P. Zandi, S. M. Purcell, S. J. Sanders, Y. Zuo, V. S. Sohal, B. N. R. Cheyette[†], DIXDC1 contributes to psychiatric susceptibility by regulating dendritic spine and glutamatergic synapse density via GSK3 and Wnt/β-catenin signaling. *Mol. Psychiatry*, 1–9 (2016). DOI: [10.1038/mp.2016.184](https://doi.org/10.1038/mp.2016.184)