



## Tim COORENS

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ADDRESS Wellcome Genome Campus, Hinxton CB10 1SD, UK  
NATIONALITY Dutch

### EMPLOYMENT

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May 2025 - *Current* Research Group Leader  
**European Bioinformatics Institute (EMBL-EBI), Hinxton, UK**

September 2021 - May 2025 Postdoctoral fellow, EMBO long-term fellowship  
**Broad Institute of MIT and Harvard, Cambridge MA, US**  
Advisors: Prof. Gad Getz

### EDUCATION

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SEPTEMBER 2021 Doctor of Philosophy Degree in MATHEMATICAL GENOMICS AND MEDICINE  
**Clare Hall, University of Cambridge, UK**  
**Wellcome Sanger Institute, Hinxton, UK**  
Thesis: "Lineage tracing of normal human development and childhood cancers" | Supervisors: Prof. Mike Stratton, Dr Iñigo Martincorena, Dr Sam Behjati

SEPTEMBER 2016 Master of Philosophy Degree in COMPUTATIONAL BIOLOGY  
*Pass with distinction, Clare Hall, University of Cambridge, UK*  
Thesis: "Genomic analyses of devil facial tumour disease"  
Supervisor: Prof. Elizabeth Murchison

JULY 2015 Bachelor of Science Degree in LIBERAL ARTS AND SCIENCES  
*Summa cum laude, University College Utrecht, the Netherlands*  
Major in mathematics, molecular biology, and physics  
Thesis: "Mathematically Capturing HIV" | Supervisor: Prof. Rob de Boer

### SCHOLARSHIPS AND AWARDS

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APR 2024 Best speaker, Mutations in Time and Space  
AUG 2022 EMBO Long-term Fellowship  
FEB 2019 Best Student Talk at eSCAMPS 2019  
JUL 2015 Awarded a Santander bursary by Clare Hall, Cambridge  
JUL 2015 Awarded a studentship by the Medical Research Council, UK  
JUN 2015 Valedictorian speaker for the UCU class of 2015  
MAY 2015 Awarded the Dr. Hendrik Muller Vaderlandsch Fonds Grant  
OCT 2012 Socrates Honours Society Valedictorian Award (Limburg)  
JUL 2012 Bronze Medal at the International Biology Olympiad in Singapore

### OTHER ACADEMIC ACTIVITIES

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Peer reviewer for Nature, Nature Biotechnology, Nature Genetics, Nature Aging, Nature Protocols, Nature Communications, Nature Medicine, Genome Research and Cancer Discovery.

Standing member of the Executive Committee for the Somatic Mosaicism across Human Tissues (SMaHT) Network

Member of organizing committee for the Mutations in Time and Space conference, 2025-current

Member of organizing committee for the EBI-Sanger-Cambridge PhD Symposium 2018, 2020



## CONFERENCE TALKS

- APR 2025 Invited speaker at AACR annual meeting, IL, USA  
 APR 2025 Invited speaker at Mutations in Time and Space Meeting, MA, USA  
 FEB 2025 Selected speaker at Advances in Genome Biology and Technology, FL, USA  
 FEB 2025 Selected speaker at Keystone Symposium on Somatic Mosaicism, CO, USA  
 NOV 2024 Invited speaker at ASHG annual meeting, CO, USA  
 MAY 2024 Selected speaker at Biology of Genomes, Cold Spring Harbor, NY, USA  
 APR 2024 Invited speaker at Mutations in Time and Space Meeting, Edinburgh, UK  
 APR 2024 Invited speaker at Human Genome Meeting (HUGO), Rome, Italy  
 NOV 2023 Selected speaker at ASHG annual meeting, DC, USA  
 MAY 2023 Selected speaker at Biology of Genomes, Cold Spring Harbor, NY, USA  
 DEC 2022 Invited speaker at CCBIO symposium, Bergen, Norway  
 DEC 2019 Selected speaker at Somatic Evolution and Tumour Microenvironment, London, UK  
 OCT 2019 Selected speaker at CEDAR Young Investigator Symposium, Portland, OR, USA  
 FEB 2019 Selected speaker at EBI-Sanger-Cambridge PhD Symposium, Cambridge, UK  
 MAY 2018 Selected speaker at Cambridge Computational Biology Symposium, Cambridge, UK

## SELECTED PUBLICATIONS AND PREPRINTS

An asterisk indicates joint first authorship. Current number of publications: 49, number of (joint-) first-author publications: 17, h-index: 28, i10-index: 36 (see my [Google Scholar profile](#)).

- 2025 **Coorens, THH\***, Oh, JW\*,..., & the SMAHT Network. The Somatic Mosaicism across Human Tissues Network. *Nature*
- 2025 **Coorens, THH**, Collord, G,..., & Stratton, MR. The somatic mutation landscape of normal gastric epithelium. *Nature*
- 2025 **Coorens, THH**, Guillaumet, A,..., & the dGTEx Consortium. The human and non-human primate developmental Genotype-Tissue Expression projects, *Nature*, 637 (8046): 557-564
- 2024 Yu, Z\*, **Coorens, THH\***,..., & Natarajan, P. Genetic variation across and within individuals. *Nature Reviews Genetics*
- 2024 **Coorens, THH\***, Spencer Chapman, M\*,..., & Campbell, PJ. Reconstructing phylogenetic trees from genome-wide somatic mutations in clonal samples. *Nature Protocols*
- 2023 **Coorens, THH**, Collord, G,..., & Behjati, S. Clonal origin of KMT2A wild-type lineage-switch leukemia following CAR-T cell and blinatumomab therapy. *Nature Cancer*, 4 (8):1095-1101
- 2021 Robinson, PS\*, **Coorens, THH\***, Palles, C\*,..., Tomlinson, I & Stratton, MR. Increased somatic mutation burdens in normal human cells due to defective DNA polymerases. *Nature Genetics*, 53 (10): 1434-1442
- 2021 **Coorens, THH\***, Moore L\*,..., & Stratton MR. Extensive phylogenies of human development inferred from somatic mutations, *Nature*, 597 (7876): 387-392
- 2021 Moore, L\*, Cagan, A\*, **Coorens THH\***,...Stratton MR & Rahbari, R. The mutational landscape of human somatic and germline cells, *Nature*, 597 (7876): 381-386
- 2021 **Coorens, THH\***, Oliver, TRW\*,... & Behjati, S. Inherent mosaicism and extensive mutation of human placentas. *Nature*, 592 (7852): 80-85
- 2021 Custers, LMC\*, Khabirova, E\*, **Coorens, THH\***,..., Behjati, S & Drost, J. Somatic mutations and single cell transcriptomes reveal the root of malignant rhabdoid tumours, *Nature Communications*, 12 (1): 1-11
- 2020 **Coorens, THH\***, Farndon SJ\*,... & Behjati S. Lineage-independent Tumors in Bilateral Neuroblastoma, *New England Journal of Medicine*, 383 (19): 1860-1865
- 2019 **Coorens, THH**, Treger, T, ... & Behjati, S. Embryonal precursors of Wilms tumor, *Science* 366 (6470): 1247-1251