Assistant Professor - Rosalind Franklin Fellow Laboratory for Cell Cycle Dynamics Groningen Biomolecular Sciences and Biotechnology Institute University of Groningen, Groningen, Netherlands	j.l.kamenz@rug.nl kamenzlab.com		
Education			
Dr. rer. nat. in Biochemistry (Ph.D. equivalent, summa cum laude) Eberhard Karls University, Tuebingen, Germany	2009 - 2015		
Diploma in Biochemistry (M.Sc. equivalent) Eberhard Karls University, Tuebingen, Germany Focus: Biochemistry, Cell Biology, Analytical Chemistry	2003 - 2008		
Research			
Assistant Professor University of Groningen, Groningen, Netherlands	since Sep 2020		
Postdoctoral fellow Advisor: Prof. James Ferrell 'Phosphoregulation of cell cycle transitions' Department of Chemical and Systems Biology Stanford University, Stanford, USA	2015 – 2020		
Doctoral student Advisor: Dr. Silke Hauf 'Temporal coordination of the metaphase to anaphase transition' Friedrich Miescher Laboratory Max Planck Society, Tuebingen, Germany	2009 - 2015		

Grants and fellowships (selected)

NWO Open Competition XS (50k \in)	2023
ERC Starting Grant – CellCycleInVitro (1.5 Mio €)	2022
NWO Open Competition XS (50k €)	2021
NWO Talent programme – Vidi award (800k €)	2021
Postdoctoral Fellowship, German Research Foundation (DFG, 110K €)	2016 – 2018
Ph.D. fellowship, Max Planck Society (75k €)	2012 - 2014/ 2009
Ph.D. fellowship, Boehringer Ingelheim Fonds (50k €)	2009 – 2011

Selected conferences and presentations

Physics of the early embryonic cell divisions – Company of Biologists workshop, East Sussex, UK, co-organizer	2024
BioSB – Dutch Bioinformatics and Systems Biology conference, The Netherlands, program committee	2024
Triple ERC grant retreat – Aneuploidy, BIOMECANET, CellCycleInVitro Sietges, Spain, invited speaker	2023
EMBO Workshop: Signal regulation by protein phosphatases: Mechanisms and Pathways, Copenhagen, Denmark, <i>invited speaker</i>	2023
Salk Cell Cycle Meeting 2023, San Diego, USA abstract selected for oral presentation	2023

2022

2018

	Dr. Julia Kamenz – CV	
abstract selected for oral presentation		
EMBO Workshop "The cell cycle: One engine – many cycles", Ko Germany, abstract selected for oral presentation	onstanz, 2022	
Division of Cancer Sciences Next Generation Seminar Series, Manchester, UK, invited seminar	2022	
ASCB EMBO Meeting 2020, Cell Bio virtual abstract selected for oral presentation	2020	
Jacques Monod Conference 'Mitotic and Meiotic Cell Cycle Co and execution', Roscoff, France abstract selected for oral presentation	ontrol 2019	
The Francis Crick Institute, London, UK invited seminar	2018	
5 th Winter q-bio, Kauai, USA abstract selected for an oral presentation	2017	
CSHL Meeting 'The Cell Cycle', Cold Spring Harbor, USA abstract selected for an oral presentation	2016	
CSHL Meeting 'The Cell Cycle', Cold Spring Harbor, USA abstract selected for an oral presentation	2014	
Teaching		
Teaching – University of Groningen		
International Genetically Engineered Machine (IGEM) Competitio (Supervision of the interdisciplinary student team)	n 2022 - present	
Practical Course Microbiology – 2nd year BSc Life Science&Techn (Design, coordination, teaching)	ology 2021 - present	
 Newly designed 3-week practical course teaching state-o art microbiological techniques (i.e. directed evolution, cor growth in miniature chemostats) 		
Voted ,Best 2nd year course in Life Science&Technology'		
Cell biology & Immunology Lecture Series – 1st year BSc Biology (lecturer, coordinator from 2023/2024 onwards)	2021 - present	
 Re-designed lectures on cell signaling, cytoskeleton, cell c apoptosis and cancer (biology focused) 	ycle,	

Cellular Chemistry Lecture Series – 3rd year BSc Chemistry 2021 - present (lecturer, 50 % of the course)

• Re-designed lectures on cell signaling, cytoskeleton, cell cycle, apoptosis, cancer, and mass spectrometry (chemistry focused)

Teaching – Stanford University

Chemical and Systems Biology Boot Camp – Stanford University

 Developed a 5-day practical course to introduce 1st year graduate students to quantitative biological approaches, tissue culture and fluorescence live cell imaging.

Mentoring

Current lab composition: 4 PhD students, 1 Postdoc, 1 MSc student, 1 undergraduate researcher, 1 research associate

Mentoring – University of Groningen (MSc level – 6 months projects)	
Marit Toxopedus – MSc project Biomolecular Sciences	2023
Irene Santolayaa – Erasmus student MSc Biomolecular Sciences	2023
Niels Senechal – MSc project Biomedical Sciences	2022
Julius Fülleborn - MSc project Biomolecular Sciences	2021
Mentoring – Stanford University	
Salvador Buse (undergraduate summer student)	2018
Annie Carilli (undergraduate summer student, honor thesis)	2017 & 2018
Anay Reddy (rotating graduate student)	2018
Judith Flores (undergraduate summer student – Stanford Summer Research Program)	2017
Tenaya Wilson-Charles (undergraduate summer student)	2016
Mentoring – Friedrich Miescher Laboratory of Max Planck Society	
Armin Kubis (undergraduate researcher and bachelor student)	2013
Svenja Schneider (undergraduate research)	2011
Kelly Werner (undergraduate summer student – Research Internships in Science and Engineering, RISE)	2010

Additional scientific activities

Institutional service Initiator and co-organizer of the weekly departmental seminar series	Since 2023
Chair ,Sounding board for the improvement of animal welfare and animal research at the Faculty of Science and Engineering'	Since 2023
Committee ,Evaluation of the Biochemistry Learning Line – BSc Chemistry'	2023
Member of eight PhD defense and one recruitment committees	Since 2020
Organizer of the Xenopus User Group, Stanford University	2017-2018
Community service Journal Review: Oncogene, eLife, EMBO J, Cell Reports, Journal of Cell Biology, PLoS One, Molecular Genetics and Genomics	
Grant review: Dutch research organization (NWO), Stanford Summer Research Program	
Leadership	
Board member – Max Gruber Foundation	Since 2023
<i>Member</i> Women in Science and Engineering (WISE) community at Stanford University (weekly peer group meetings)	2017 – 2020
PhD representative, Max Planck Institute for Developmental Biology and the Friedrich Miescher Laboratory	2012- 2013
Outreach Student for a Day – Life Science and Technology track, hands-on experience	Since 2022
YAG Pub Lecture Series – lay lecture about our cell cycle research	2023
Eye-Opener Royal Netherlands Chemical Society - 1 min lay video about our research	2023

Publications

*corresponding author, #equal contribution

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Fabian L Prins, Dario Tomanin, Julia Kamenz and George Azzopardi ' <i>Biometric Recognition of African Clawed Frogs</i> '. Computer Analysis of Images and Patterns. CAIP 2023. Lecture Notes in Computer Science, vol 14185. Springer	2023
Julia Kamenz*, Renping Qiao, Qiong Yang and James E Ferrell Jr. 'Real-time monitoring of APC/C-mediated substrate degradation using Xenopus laevis egg extracts'. Methods Mol Biol, 2021; 2329:29-38	2021
Julia Kamenz*, Lendert Gelens and James E Ferrell Jr.* 'Bistable, biphasic regulation of PP2A-B55 accounts for the dynamics of mitotic substrate phosphorylation'. Current Biology, 2021 Feb 22; 31(4):794-808	2021
Sarah Lockhead ^{#,} Alisa Moskaleva [#] , Julia Kamenz^{#,*} , Yuxin Chen, Minjung Kang, Anay R Reddy A, Silvia DM Santos, James E Ferrell Jr*. 'The Apparent Requirement for Protein Synthesis during G2 Phase Is due to Checkpoint Activation'. Cell Reports, 2020 July 14; 32(2):107901	2020
Rahul Thadani, Julia Kamenz , Sebastian Heeger, Sofia Munoz and Frank Uhlmann 'Cell-cycle regulation of dynamic chromosome association of the condensin complex'. Cell Reports, 2018 May 22; 23(8):2308-2317	2018
Julia Kamenz and James E Ferrell Jr. 'The temporal ordering of cell-cycle phosphorylation' Molecular Cell, 2017 Feb 2; 65(3): 371-373	2017
Julia Kamenz and Silke Hauf 'Time to split up: Dynamics of chromosome separation' Trends in Cell Biology, 2017 Jan; 27(1): 42-54	2017
Julia Kamenz, Tamara Mihaljev, Armin Kubis, Stefan Legewie and Silke Hauf 'Robust ordering of anaphase events by adaptive thresholds and competing degradation pathways' [#] Molecular Cell, 2015 Nov 5; 60(3): 446-459 #featured in a Preview in Developmental Cell, Nov 2015	2015
Simon A Fromm, Julia Kamenz , Erik R Nödelke, Ancilla Neu, Georg Zocher and Remco Sprangers 'In vitro reconstitution of a cellular phase-transition process that involves the mRNA decapping machinery' Angewandte Chemie (Int Ed Engl), 2014 Jul 7; 53(28):7354-9	2014
Julia Kamenz* and Silke Hauf* 'Slow checkpoint activation kinetics as a safety device in anaphase'# Current Biology, 2014 Mar 17; 24(6):646-51featured in a Dispatch in Current Biology	2014
Stephanie Heinrich, Eva-Maria Geissen, Julia Kamenz , Susanne Trautmann, Christian Widmer, Phillipp Drewe, Michael Knop, Nicole Radde, Jan Hasenauer and Silke Hauf 'Determinants of robustness in spindle assembly checkpoint signaling'# Nature Cell Biology, 2013 Nov; 15(11):1328-39 featured in a News&Views in Nature Cell Biology, Nov 2013	2013
Simon A Fromm, Vincent Truffault, Julia Kamenz, Jörg B Braun, Niklas A Hoffmann, Elisa Izaurralde and Remco Sprangers 'The structural basis of Edc3- and Scd6-mediated activation of the Dcp1:Dcp2 mRNA decapping complex' EMBO Journal, 2012 Jan 18; 31(2):279-90	2012