

Jun-Prof. Dr. Neva Caliskan

Junior Group Leader

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Education

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| 2013 | Dr. rer. nat., Max Planck Institute for Biophysical Chemistry (MPI-BPC), Göttingen, Germany |
| 2009 | MSc, Max Planck Research School for Molecular Biology, University of Göttingen, Germany |
| 2006 | BSc, Molecular Biology and Genetics, Middle East Technical University (METU), Ankara, Turkey |

Positions

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|----------------|---|
| 2018 - present | Junior Professor (W1), Faculty of Medicine, University of Würzburg, Germany |
| 2018 - present | Junior Group Leader, Helmholtz Institute for RNA-based Infection Research (HIRI), Würzburg, Germany |
| 2015 - 2017 | Project Leader, Department of Physical Biochemistry, MPI-BPC, Göttingen, Germany |
| 2013 - 2015 | Postdoc, Department of Physical Biochemistry, MPI-BPC, Göttingen, Germany |
| 2008 - 2009 | Graduate Teaching Assistant, Department Molecular Cell Biology, MPI-BPC, Göttingen, Germany |

Committee Work

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| 2019 - present | Coordinator, Membership Spotlight Series, RNA Society |
| 2018 - present | Coordinator, Würzburg RNA Salon, RNA Society |
| 2018 - present | Co-organizer, RNA Biology Intensive Course, HIRI Graduate Program "RNA & Infection" |

Awards & Honors

Zonta Science Prize (2021), ERC Starting Grant (2020), Schering Stiftung Advisory Network Member (2019), Young Leaders in Science Training Program Award from Schering Foundation (2018), Scholarship from the Excellence Foundation for the Promotion of the Max Planck Society (2007), Scholarship from the Scientific and Technological Research Council of Turkey (2006)

Selected Publications

- Zimmer MM*, Kibe A*, Rand U, Pekarek L, Ye L, Buck S, Smyth RP, Cicin-Sain L, **Caliskan N** (2021)
The short isoform of the host antiviral protein ZAP acts as an inhibitor of SARS-CoV-2 programmed ribosomal frameshifting
Nature Communications 12(1):7193
- Hill CH*#, Pekarek L*, Naphine S*, Kibe A, Firth AE, Graham SC#, **Caliskan N**, Brierley I# (2021)
Structural and molecular basis for Cardiovirus 2A protein as a viral gene expression switch
Nature Communications 12(1):7166
- Bock LV*, **Caliskan N***, Korniy N, Peske F, Rodnina MV, Grubmüller H (2019)
Thermodynamic control of -1 programmed ribosomal frameshifting
Nature Communications 10(1):4598
- **Caliskan N**, Wohlgenuth I, Korniy N, Pearson M, Peske F, Rodnina MV (2017)
Conditional switch between frameshifting regimes upon translation of dnaX mRNA
Molecular Cell 66(4):558-567
- **Caliskan N**, Katunin VI, Belardinelli R, Peske F, Rodnina MV (2014)
Programmed -1 frameshifting by kinetic partitioning during impeded translocation
Cell 157(7):1619-1631