

Postdoc@MDC 2023



224
Postdocs



47% women
53% men

61%
coming from
abroad

60
nations

2023 POSTDOC GRANTS



**Hendrik
Bartolomeus**

1. DZHK Postdoc Start-up Grant on advancing digital aspect (DZHK/BMBF) - **79.100 €**
2. Leuchtturmprojekte der Quantenbasierten Messtechnik (VDI/BMBF)
Quanten-Licht für eine neue Bildgebung zur frühen und differenzierten Erkennung von Biomarkern in der personalisierten Medizin (QEED) - **589.944€**
3. Interdisciplinary networks for the investigation of pathomechanisms (DLR/BMBF)
Targeting AhR-dependent Inflammation for Organ Protection (TAhRget), Subproject 4 **190.000€**

Walter-Clawiter-Preis 2023, Heinrich-Heine-University Düsseldorf, Germany



**Sampurna
Chakrabarti**

1. EFIC-Gruenenthal Grant 2023 **33.333€**
2. Best Talk Prize Berlin Postdoc Day 2023
3. Talk selection and travel award
Society for General Physiologists Meeting 2023



Lydia Dyck

MDC BOOST Grant
40.000€



Wolfgang Giese

Leducq ATTRACT
Visiting Scientist Grant
2.000€



Lotte Stagsted

Lundbeck Foundation
Postdoc Grant
351.466€

POSTDOC PROGRAMS

- Prepare
- Your
- Career



ASPIRE 2023

January 2023-December 2023



20

participants



28

Workshops



5

Tracks

POSTDOC APPRENTICESHIP PROGRAM

FUNDING FOR 3 MONTHS TRAINEESHIP IN A COMPANY OF CHOICE



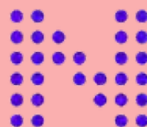
7

participants

Bayer
Inne
Nightingale
Nuvisan
Pfizer
Treamid



.inne



NUVISAN



POSTDOC PROGRAMS & EVENTS

10. MDC Mentoring

June 2022 - June 2023

5 Postdocs, 2 Science Managers
Coaching/ 1-1 Mentor/Workshops



Postdoc Appreciation Week 2023

Workshops/Ice Cream social/Barbecue



Alumni

1. Alumni Meeting & Launch of MDC Connect



POSTDOC PRIZES

The internal and external promotion of postdocs is an integral part of the Postdoc Office mission. We reward the efforts of our Postdocs who do excellent work and are active in the MDC community. In this spirit, we selected the top 3 postdocs of the year (based on community engagement, grants, publications, teaching).

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**MAX
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CENTER**
FREUNDESKREIS



DR. HENDRIK BARTOLOMEUS

FIRST PRIZE

GRANTS

- DZHK Postdoc Start-up Grant on advancing digital aspect (DZHK/BMBF)-
- Leuchtturmprojekte der Quantenbasierten Messtechnik (VDI/BMBF) Quanten-Licht für eine neue Bildgebung zur frühen und differenzierten Erkennung von Biomarkern in der personalisierten Medizin (QEED)
- Interdisciplinary networks for the investigation of pathomechanisms (DLR/BMBF) Targeting AhR-dependent Inflammation for Organ Protection (TAHrget), Subproject 4

3 PUBLICATIONS

COMMUNITY ACTIVITIES

- Organizer of an open weekly journal club about new papers in the field of microbiome-immune crosstalk mainly in cardiovascular and renal disease, in which students can earn ECTS points to obtain their PhD.



DR. ELEONORA ADAMI

SECOND PRIZE

PUBLICATIONS

4 publications

Henrike Maatz*, Eric L. Lindberg1*, Eleonora Adami, et. al.

The cellular and molecular cardiac tissue responses in human inflammatory cardiomyopathies following SARS-CoV-2 infection and COVID-19 vaccination.

Nature Medicine (Under Revision)

COMMUNITY ACTIVITIES

- Foundation Leducq Transatlantic Networks Program (May 4th Berlin)
- Speaker at Long Night of Science 2023
- Continued participant in the MDC SCOTT training program
- Member of the MDC Art and Science Committee
- Supervision of bachelor and PhD students



DR. ULRIKE LÖBER

SECOND PRIZE

PUBLICATIONS

7 Publications

Avery EG, Bartolomeus H, Rauch A, Chen CY, N'Diaye G, Löber U, et. al. Quantifying the impact of gut microbiota on inflammation and hypertensive organ damage.

Cardiovasc Res. 2023

COMMUNITY ACTIVITIES

- Soapbox Science Presentation: Booze, Brains & Bacteria: The Party in Your Gut
- Poster presentation ECCMID April 2023 Kopenhagen
- Poster presentation ISMB/ECCB July 2023 Lyon
- Poster presentation Young DZHK September 2023 Potsdam
- Oral presentation Food@ KFO339 retreat April 2023 Potsdam
- Oral presentation BeLOVE retreat July 2023 Berlin
- Charité Instagram takeover – video production and director March 2023
- Organisation Forslund Retreat

PUBLICATIONS

Several postdocs were successful in publishing this year.

Many of them had more than one publication, only one of them is displayed here.



Eleonora Adami

2 Publications, 2 Preprints

Evolutionary origins and interactomes of human, young microproteins and small peptides translated from short open reading frames.

Sandmann, C., et al. (2023) Molecular Cell



Hendrik Bartolomeus

2 Publications, 1 Preprint

Quantifying the Impact of the Gut Microbiota on Inflammation and Hypertensive Organ Damage.

Avery EG*, Bartolomeus H*, et al. (2023). Cardiovasc. Res.



Sampurna Chakrabarti

1 Preprint

Touch sensation requires the mechanically-gated ion channel Elkin1

Chakrabarti, S., et al. (2023). BiorXiv



Lydia Dyck

1 Publication

Diverse effects of obesity on antitumor immunity and immunotherapy

Dyck, L. et al. (2023) Trends Mol Med.



Wolfgang Giese

2 Publications, 1 Preprint

Single-cell profiling and zebrafish avatars reveal LGALS1 as immunomodulating target in glioblastoma.

Finotto L., et al. (2023). EMBO molecular medicine



Ulrike Löber

7 Publications

LongDat: an R package for covariate-sensitive longitudinal analysis of high-dimensional data.

Chen C.Y., Löber Ü et al. (2023). Bioinform Adv.



André Felipe Rodriguez

3 Publications

Angiotensin-deficient FVB/N mice are normotensive.

Rodrigues AF., et al. (2023). Br. J. Pharmacol.



Alessandro Santuz

3 Publications

Muscle spindles and their role in maintaining robust locomotion.

Santuz, A. & Akay, T. (2023). The Journal of Physiology



Sebastian Torke

1 Publication & 2 Preprints

Targeting B Cells and Microglia in Multiple Sclerosis With Bruton Tyrosine Kinase Inhibitors: A Review.

Dybowski S.*, Torke, S.*, Weber, MS. (2023). JAMA Neurol.

POSTDOC DAY 2023



Photos & Images: Felipe Morales

OUTLOOK 2024





MDC CONNECT



NETWORK. SHARE. ENGAGE.

MAX
DELBRÜCK
CENTER

ALUMNI

POSTDOC REPRESENTATIVES



Photo: Felipe Morales

The MDC Postdoc Office would like to thank all the Postdoc Association members and the organizers of the Postdoc Day

To Giulia and Christian who started new adventures, we wish them good luck in their future endeavors.

MDC PDA: Amir Kayvanjoo, Christian Feregrino, Giulia Glorani

PDD Organization Team: Giulia Glorani, Angela Harper, Amir Kayvanjoo, Christina Ertural, Julia Kraxner, Neelay Mehendale, Valeriia Sapozhnikova, Arunima Murgai, Alexander xx, Maren xx

Thank you for your devoted work!

The MDC PDA is looking for new members. Contact: pda@mdc-berlin.de



Special Thanks to Micela Condor-Jonske who left the MDC in 2023.

To everyone else, best wishes for 2024.