

## Curriculum Vitae

### Personal Data

Title	<i>PD Dr.</i>
First name	<i>Emmanuel</i>
Name	<i>Ampofo</i>
Current position	<i>Akademischer Oberrat</i>
Current institution(s)/site(s), country	<i>Saarland University</i>
Identifiers/ORCID	<i>0000-0002-1886-5657</i>

### Qualifications and Career

<b>Stages</b>	<b>Periods and Details</b>
Degree programme Studies of Molecular Biology	<b><i>Human and molecular biology, 2004-2009, Saarland University, Germany</i></b>
Diploma in Molecular Biology,	<b><i>2009, Saarland University, Germany</i></b>
Doctorate	<b><i>2012, Advisor: Prof. Dr. M. Montenarh, Biochemistry, Saarland University, Germany</i></b>
Senior academic council	<i>Since 2022, Institute for Clinical and Experimental Surgery, Director: Prof. Dr. Michael D. Menger, Saarland University, Germany</i>
Habilitation	<i>2021, Venia legendi in Clinical &amp; Experimental Surgery and Molecular Medicine (Medical Faculty), 2021, Saarland University</i>
Academic council	<i>2015-2021, Institute for Clinical and Experimental Surgery, Director: Prof. Dr. Michael D. Menger, Saarland University</i>
Group leader	<i>Since 2014, Institute for Clinical and Experimental Surgery, Director: Prof. Dr. Michael D. Menger, Saarland University</i> <i>Research focus: diabetes, angiogenesis, inflammation</i>
Research assistance	<i>2013-2014, Institute for Clinical and Experimental Surgery, Director: Prof. Dr. Michael D. Menger, Saarland University</i>

### Engagement in the Research System

#### Intramural activities

Since 2021	Mitglied des Promotionsausschuss
Since 2020	Mitglied des Bereichsrat
Since 2019	Mitglied der Prüfungskommission für die mündliche/praktische Prüfung im ersten Abschnitt der Ärztlichen Prüfung

Since 2017	Dozent an der Schule für Medizinisch-technische Laboratoriumsassistent/innen (MTLA); Universitätsklinikum, Homburg/Saar
Since 2016	Mitglied des Erweiterten Fakultätsrat

### Organization of Conferences

2016	8th International <i>Conference</i> on Protein Kinase <i>CK2</i> .
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### Boards & Reviewer

Editor	Frontiers in endocrinology (Thinking BIG: Molecular Cross-Talks in Pancreatic Islets during Diabetes Pathogenesis).
Reviewer at following journals:	Nat. Comm., eLife, PNAS, FASEB, Diabetologia, Diabetes, Frontiers, MDPI.

### **Supervision of Researchers in Early Career Phases**

Selina Wrublewsky	PhD student
Anne Böwe	PhD student
Daniele Müller	Medical Thesis
Cedric Wilden	Master student; Degree 2023
Lisa Nalbach	PhD student; Doctorate 2021
Beate Schmitt	PhD student; Doctorate 2022
Julian Berg	Medical Thesis; Doctorate 2020
Maximilian Menger	Medical Thesis; Doctorate 2019

### **Scientific Results**

#### **Kategorie A**

#### Ten most important publications

1. Wrublewsky S, Weinzierl A, Hornung I, Prates-Roma L, Menger MD, Laschke MW, **Ampofo E**.  
*Co-transplantation of pancreatic islets and microvascular fragments effectively restores normoglycemia in diabetic mice.*  
NPJ Regen Med. **2022**
2. Wrublewsky S, Glas J, Carlein C, Nalbach L, Hoffmann MDA, Pack M, Vilas-Boas EA, Ribot N, Kappl R, Menger MD, Laschke MW, **Ampofo E\***, Roma LP\*.  
*The loss of pancreatic islet NADPH oxidase (NOX)2 improves islet transplantation.*  
Redox Biol. **2022**. \*contributed equally
3. Wrublewsky S, Speer T, Nalbach L, Boewe AS, Pack M, Alansary D, Roma LP, Hoffmann MDA, Schmitt BM, Weinzierl A, Menger MD, Laschke MW, **Ampofo E**.  
*Targeting Pancreatic Islet NLRP3 Improves Islet Graft Revascularization.*  
Diabetes. **2022**

4. Nalbach L, Roma LP, Schmitt BM, Becker V, Körbel C, Wrublewsky S, Pack M, Später T, Metzger W, Menger MM, Frueh FS, Götz C, Lin H, Manning Fox JE, MacDonald PE, Menger MD, Laschke MW, **Ampofo E**.  
*Improvement of islet transplantation by the fusion of islet cells with functional blood vessels.*  
EMBO Mol Med. **2021**
5. Schunk SJ, Triem S, Schmit D, Zewinger S, Sarakpi T, Becker E, Hütter G, Wrublewsky S, Küting F, Hohl M, Alansary D, Prates Roma L, Lipp P, Möllmann J, Lehrke M, Laschke MW, Menger MD, Kramann R, Boor P, Jahnen-Dechent W, März W, Böhm M, Laufs U, Niemeyer BA, Fliser D, **Ampofo E\***, Speer T\*.  
*Interleukin-1 $\alpha$  Is a Central Regulator of Leukocyte-Endothelial Adhesion in Myocardial Infarction and in Chronic Kidney Disease.*  
Circulation. **2021**; \*contributed equally
6. Schmitt BM, Boewe AS, Götz C, Philipp SE, Urbschat S, Oertel J, Menger MD, Laschke MW, **Ampofo E**.  
*CK2 Activity Mediates the Aggressive Molecular Signature of Glioblastoma Multiforme by Inducing Nerve/Glial Antigen (NG)2 Expression.*  
Cancers (Basel). **2021**
7. Zewinger S, Reiser J, Jankowski V, Alansary D, Hahm E, Triem S, Klug M, Schunk SJ, Schmit D, Kramann R, Körbel C, **Ampofo E**, Laschke MW, Selejan SR, Paschen A, Herter T, Schuster S, Silbernagel G, Sester M, Sester U, Aßmann G, Bals R, Kostner G, Jahnen-Dechent W, Menger MD, Rohrer L, März W, Böhm M, Jankowski J, Kopf M, Latz E, Niemeyer BA, Fliser D, Laufs U, Speer T.  
*Apolipoprotein C3 induces inflammation and organ damage by alternative inflammasome activation.*  
Nat Immunol. **2020**
8. Menger MM, Nalbach L, Roma LP, Körbel C, Wrublewsky S, Glanemann M, Laschke MW, Menger MD, **Ampofo E**  
*Erythropoietin accelerates the revascularization of transplanted pancreatic islets.*  
Br J Pharmacol. **2020**
9. Schmitt BM, Boewe AS, Becker V, Nalbach L, Gu Y, Götz C, Menger MD, Laschke MW, **Ampofo E**.  
*Protein Kinase CK2 Regulates Nerve/Glial Antigen (NG)2-Mediated Angiogenic Activity of Human Pericytes.*  
Cells. **2020**
10. Nalbach L, Schmitt BM, Becker V, Scheller A, Laschke MW, Menger MD, **Ampofo E**.  
*Nerve/glial antigen 2 is crucially involved in the revascularization of freely transplanted pancreatic islets.*  
Cell Tissue Res. **2019**

## **Kategorie B**

### **Conferences & Symposia of the last five years**

- 2022
  - European Association for the Study of Diabetes (EASD), Stockholm (talk)
  - European Islet Study Group and Beta-Cell Workshop, Straßburg (poster)
  - Surgical Research Days, Freiburg (talk)
- 2021
  - Insulin 100 Symposium, Toronto (talk)
- 2020
  - European Association for the Study of Diabetes (EASD), virtual (talk)
- 2019
  - European Association for the Study of Diabetes (EASD), Barcelona (talk)
  - European Islet Study Group and Beta-Cell Workshop, Oxford (poster)
  - Kongress der Deutschen Gesellschaft für Chirurgie, München (talk)
  - Surgical Research Days, Aachen (talk)
- 2018
  - Deutscher Pankreas Club, Ulm talk
  - Kongress der Deutschen Gesellschaft für Chirurgie, Berlin (talk)
  - Surgical Research Days, Erlangen (talk)

## Academic Distinctions

### Honors & Prizes

- 2023 Wissenschaftspreis der Stadt Homburg (AG Ampofo)
- 2022 Forschungspreis der Freunde des UKS (AG Ampofo)
- 2021 Alois-Lauer-Förderpreis (AG Ampofo)
- 2019 Theis Forschungspreis (AG Ampofo)
- 2016 Hans-Jürgen Bretschneider-Preis 2016 (AG Ampofo)
- 2014 Forschungspreis der Freunde des UKS (AG Ampofo)

## Data protection and consent to the processing of optional data

If you provide voluntary information (marked as optional) in this CV, your consent is required. Please confirm your consent by checking the box below.

I expressly consent to the processing of the voluntary (optional) information, including “special categories of personal data”<sup>1</sup> in connection with the DFG’s review and decision-making process regarding my proposal. This also includes forwarding my data to the external reviewers, committee members and, where applicable, foreign partner organisations who are involved in the decision-making process. To the extent that these recipients are located in a third country (outside the European Economic Area), I additionally consent to them being granted access to my data for the above-mentioned purposes, even though a level of data protection comparable to EU law may not be guaranteed. For this reason, compliance with the data protection principles of EU law is not guaranteed in such cases. In this respect, there may be a violation of my fundamental rights and freedoms and resulting damages. This may make it more difficult for me to assert my rights under the General Data

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<sup>1</sup> Special categories of personal data are those “revealing racial or ethnic origin, political opinions, religious or philosophical beliefs, or trade union membership, and (...) genetic data, biometric data for the purpose of uniquely identifying a natural person, data concerning health or data concerning a natural person’s sex life or sexual orientation” (Article 9(1) GDPR).

Protection Regulation (e.g. information, rectification, erasure, compensation) and, if necessary, to enforce these rights with the help of authorities or in court.

I may **revoke** my consent in whole or in part at any time – with effect for the future, freely and without giving reasons – vis-à-vis the DFG ([postmaster@dfg.de](mailto:postmaster@dfg.de)). The lawfulness of the processing carried out up to that point remains unaffected. Insofar as I transmit “special categories of personal data” relating to third parties, I confirm that the necessary legitimation under data protection law exists (e.g. based on consent).

I have taken note of the DFG’s Data Protection Notice relating to research funding, which I can access at [www.dfg.de/privacy\\_policy](http://www.dfg.de/privacy_policy) and I will forward it to such persons whose data the DFG processes as a result of being mentioned in this CV.