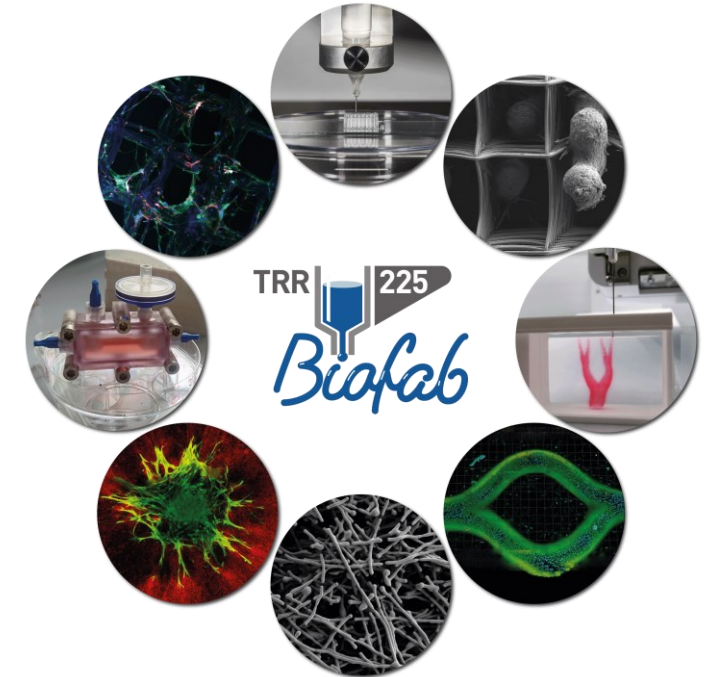


O02-8 Brain/ Neuron  
10.11.24, 15:30 -17:00, Room 3

„3D fiber reinforced hyaluronic  
acid-based brain biomimetic  
ECM composite to study brain  
disease mechanisms“  
(# 0263)



C. Villmann



PRINTING ORGANS  
SCIENCE OR FICTION?

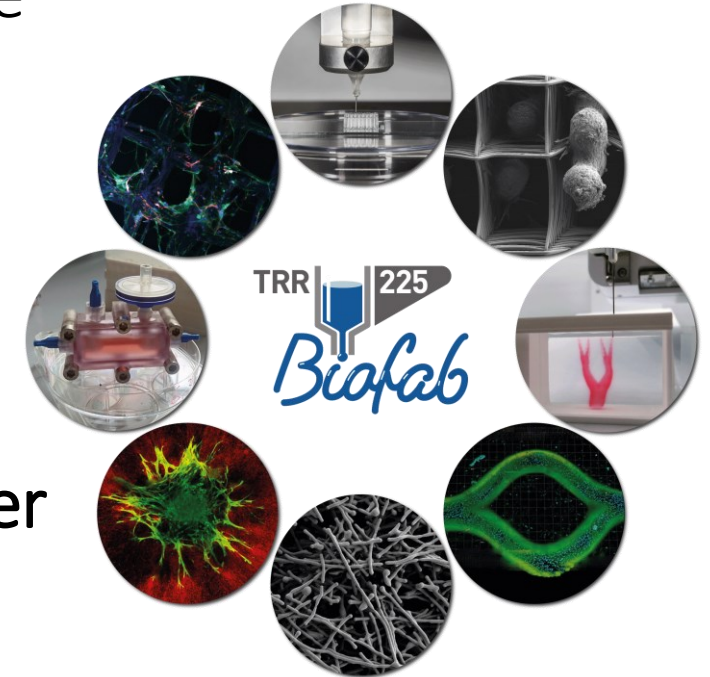
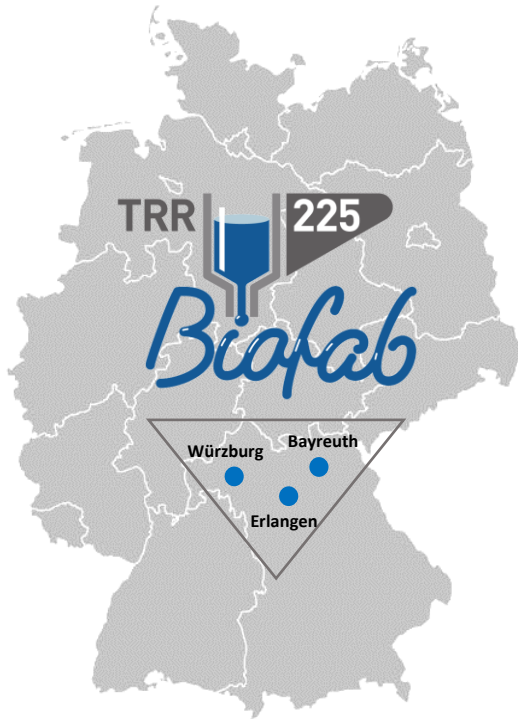
Survey from the  
students of the  
consortium  
CRC/ TRR225  
Biofabrication



# S09-5 Advanced Vascularized Tissue Printing: Pioneering the Future of Medical Innovation

12.11.24, 9:00-10:30, Room 2

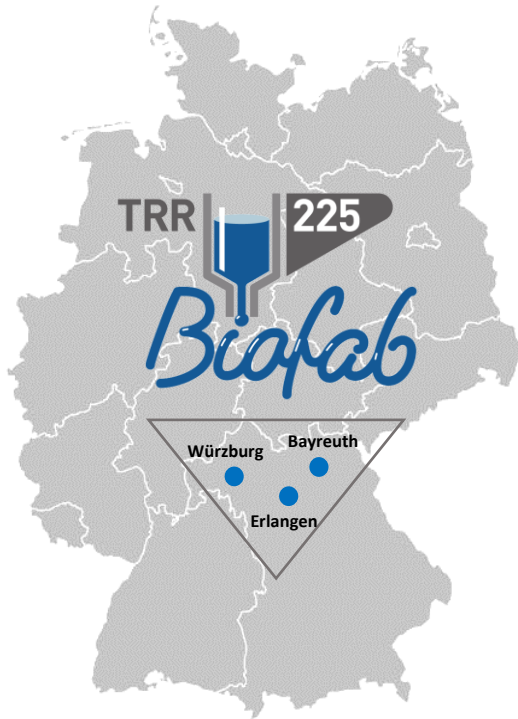
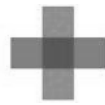
„Testing of different hydrogel  
constellations for glomerular 3D  
co-culture in vitro to be used for further  
vascularization in rat AV loop model“  
(# 0023)



## J. Eichermüller



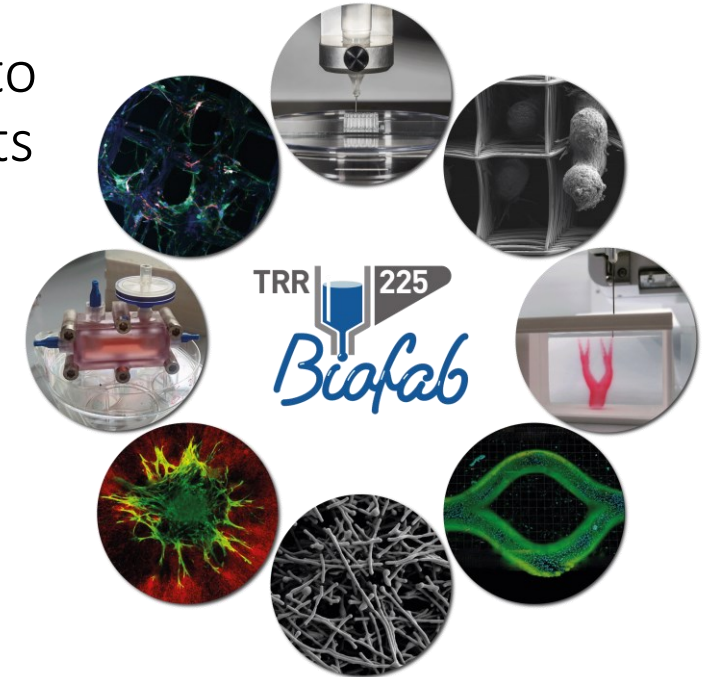




# S15-7 It Take Two to Tango: Coupling Microfluidics and 3D Bioprinting to Fabricate Hierarchical Functional Constructs

13.11.24 9:00-10:30, Room 2

„A versatile gelatin-based hydrogel  
system for multiplatform  
biofabrication of complex  
vascularized 3D models“  
(# 0325)



## N. Chicaiza-Cabezas



PRINTING ORGANS  
SCIENCE OR FICTION?

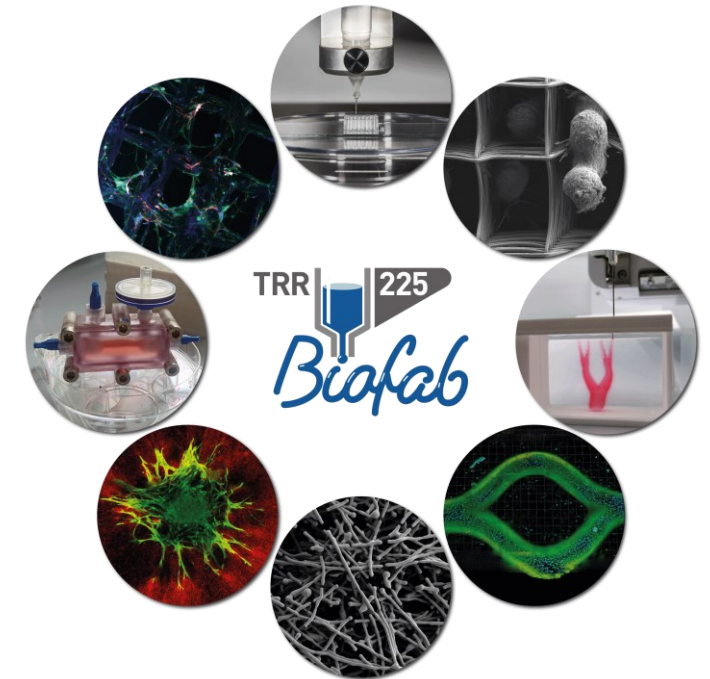
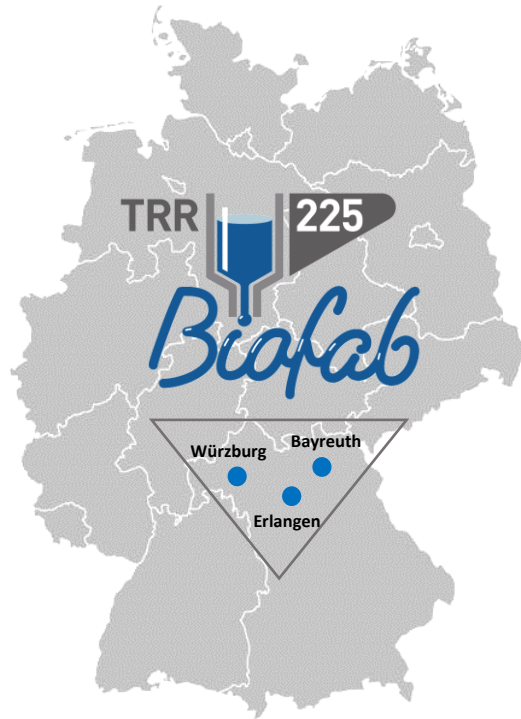
Survey from the  
students of the  
consortium  
CRC / TRR225  
Biofabrication



# 3min-Exhibitors' presentation

12.11.24, 12:00-13:00, Main Hall

„The collaborative research center  
SFB/TRR 225:  
From the Fundamentals of  
Biofabrication to Functional Tissue  
Models – a general overview and  
specific research examples“



## J. Groll



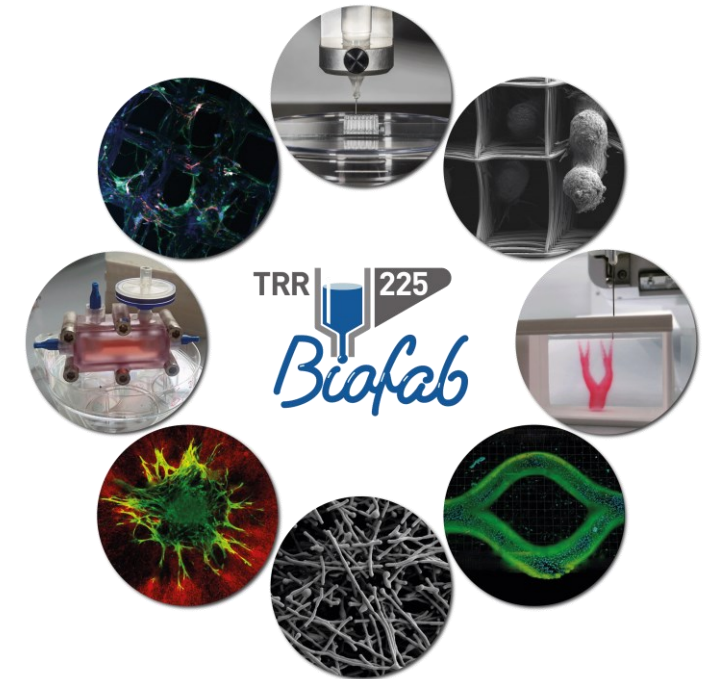
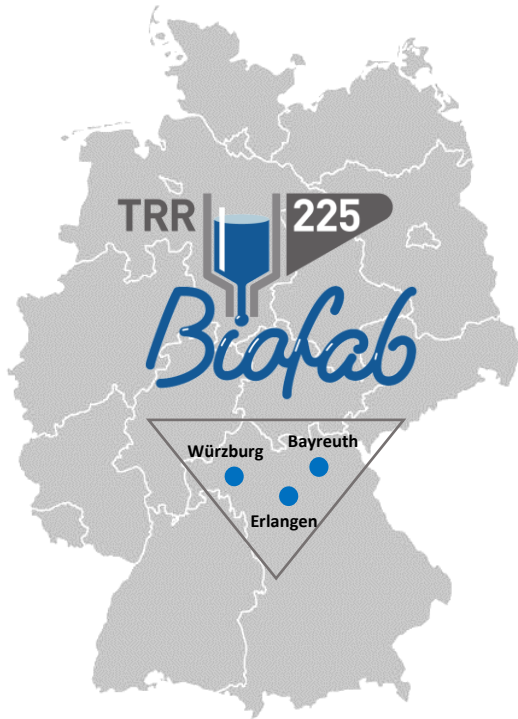




# S13 ISBF Early Career Researcher Symposium :

12.11.24 15:10-16:40, Room 3

„Fabricating microfibrillar  
fiber bundles as cell-guiding  
additive for bioprinting“  
(# 0336)



## S. Heilig

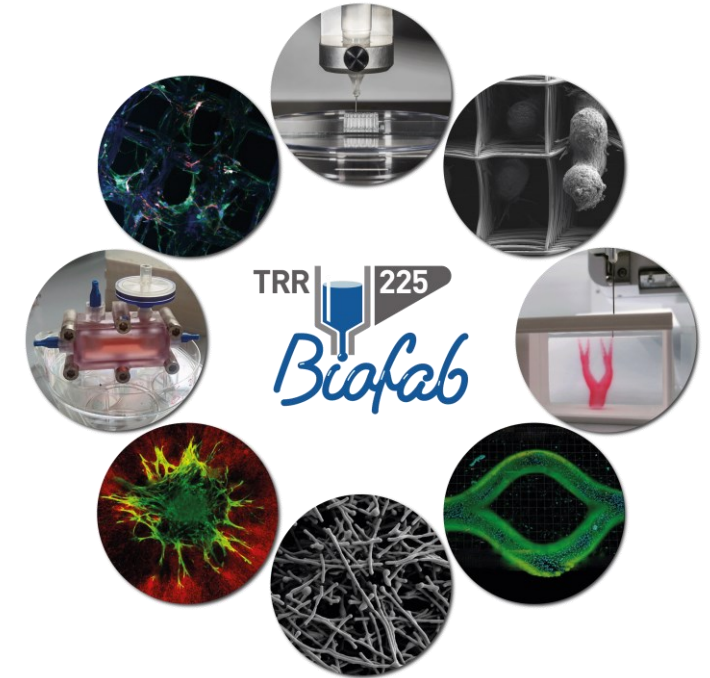
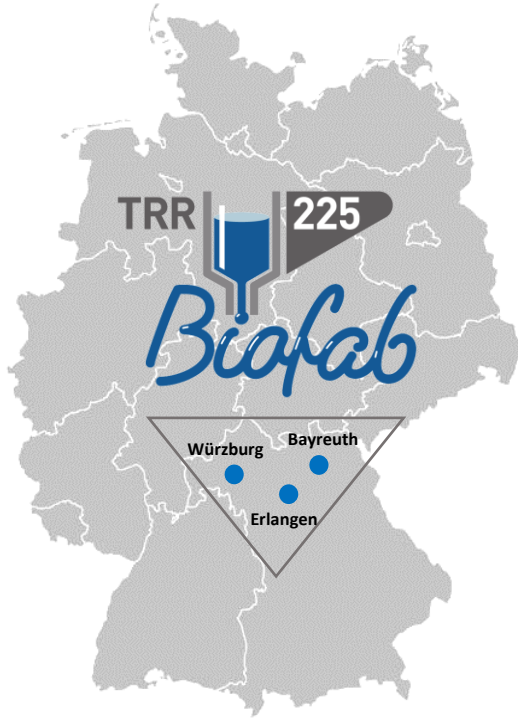




# S13 ISBF Early Career Researcher Symposium :

12.11.24 15:10-16:40, Room 3

## „Biofabrication of an artificial glomerular filtration barrier“ (# 0029)



### A. Rederer





# SFB/TRR 225 contributions at the ISFB2024 - [Talks](#)



C. Villmann: „**3D fiber reinforced hyaluronic acid-based brain biomimetic ECM composite to study brain disease mechanisms**“ (# 0263)

Oral O02, Talk 8: 10.11.24 15:30 -17:00, [Room 3](#)



J. Eichermüller: „**Testing of different hydrogel constellations for glomerular 3D co-culture *in vitro* to be used for further vascularization in rat AV loop model**“ (# 0023)

Symposium S09, Talk 5: 12.11.24 9:00-10:30, [Room 2](#)



N. Chicaiza Cabezas: „**A versatile gelatin-based hydrogel system for multi-platform biofabrication of complex vascularized 3D models**“ (# 0325)

Symposium S15, Talk 7: 13.11.24 9:00-10:30, [Room 2](#)

TRR 225  
Biofab

## PRINTING ORGANS SCIENCE OR FICTION?

Whether you are a pro, a beginner or inexpert, we would like to hear your opinion on the matter.

**It's just a minute!**

survey from the students of the consortium SFBTRR225 Biofabrication





# SFB/TRR 225 contributions at the ISFB2024 – [Rapid Fire Talks](#)



J. Groll: „**The collaborative research center SFB/TRR 225:  
From the Fundamentals of Biofabrication to Functional Tissue Models –  
a general overview and specific research examples**“  
3min-Exhibitors’ presentation: 12.11.24, 12:00-13:00, [Main Hall](#)



S. Heilig: „**Fabricating microfibrillar fiber bundles as cell-guiding additive for  
bioprinting**“ (# 0336)  
Symposium S13, 10.11.24 15:10 -16:40, [Room 3](#)



A. Rederer: „**Biofabrication of an artificial glomerular filtration barrier**“  
(# 0029)  
Symposium S13, 10.11.24 15:10 -16:40, [Room 3](#)

TRR 225  
Biofab

## PRINTING ORGANS SCIENCE OR FICTION?

Whether you are a pro, a beginner or inexpert, we would like to hear your opinion on the matter.

**It's just a minute!**

survey from the students of the consortium SFBTRR225 Biofabrication







# SFB/TRR 225 contributions at the ISFB2024 - *Poster*

## Poster Discussion 1 – 11.11.24 17:30-18:30, Poster & Exhibition Room



A. Rederer: **P1-16: „Biofabrication of an artificial glomerular filtration barrier“ (# 0029)**  
& **P1-17: „Effects of 3D microenvironment and incorporation of biofabricated fibers into glomerular spheroids “ (# 0028)**



S. Schmidt: **P1-29: „Biofabricated models as a robust platform to study the function of Transcription factor activating enhancer-binding protein 2ε (AP2ε) in the plasticity of malignant melanoma“ (# 0089)**



C. Eckert: **P1-30: „Blending alginate and cellulose as a Bioink for a 3D printable tumor model system “ (# 0095)**



X.J. Ng: **P1-36: „Application of non-cytotoxic and non-immunogenic recombinant spider silk proteins in tissue engineering “ (# 0250)**

TRR 225  
Biofab

### PRINTING ORGANS SCIENCE OR FICTION?

Whether you are a pro, a beginner or inexpert, we would like to hear your opinion on the matter.

**It's just a minute!**

survey from the students of the consortium SFBTRR225 Biofabrication





# SFB/TRR 225 contributions at the ISFB2024 - *Poster*

## Poster Discussion 2 – 12.11.24 18:00-19:00, Poster & Exhibition Room



J. Weigelt: **P2-31: „Tailoring network properties of a bioink solely made of HA-derivates for cartilaginous tissue bioprinting “ (# 0203)**



S. Heilig: **P2-14: „Fabricating microfibrillar fiber bundles as cell-guiding additive for bioprinting“ (# 0336)**

TRR 225  
Biofab

## PRINTING ORGANS SCIENCE OR FICTION?

Whether you are a pro, a beginner or inexpert, we would like to hear your opinion on the matter.

**It's just a minute!**

survey from the students of the consortium SFBTRR225 Biofabrication





# SFB/TRR 225 contributions at the ISFB2024 - *Poster*

## Poster Discussion 3 – 13.11.24 13:00-14:00, Poster & Exhibition Room



M. Büchner: **P3-48: „Correlation of Elongational Rheology and Cell Survival B.E.R.I.T. An Advanced Application “ (# 0339)**



B. Gantert: **P3-20: „FRET Reporter Peptides to Investigate Protease Activity of Bioprinted Cells “(# 0255)**



S. Roth: **P3-64 : „Highly aligned fibrous materials to mimic biological tissue morphology “ (# 0245)**



K. Theis: **P3-14: „Sensor particles for investigation of hydrodynamic forces in biofabrication processes“ (# 0244)**

TRR 225  
Biofab

### PRINTING ORGANS SCIENCE OR FICTION?

Whether you are a pro, a beginner or inexpert, we would like to hear your opinion on the matter.

**It's just a minute!**

survey from the students of the consortium SFBTRR225 Biofabrication

