

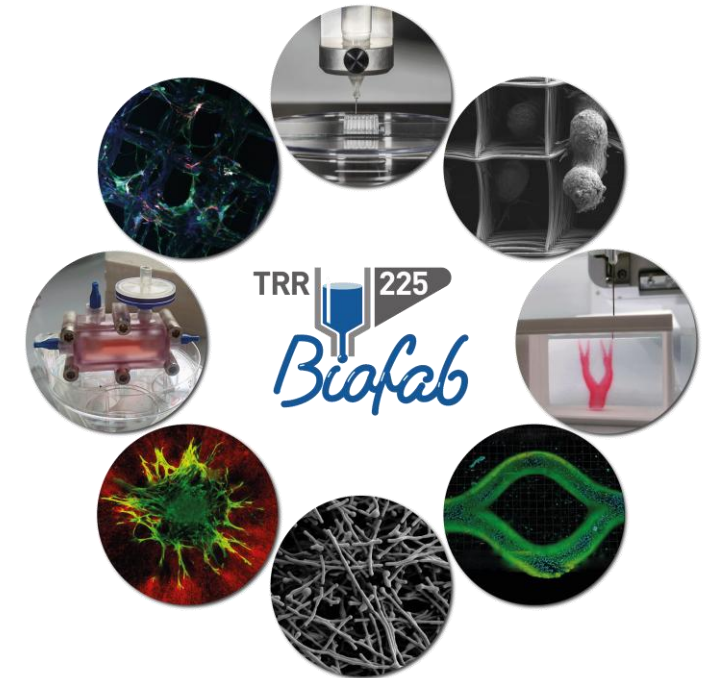
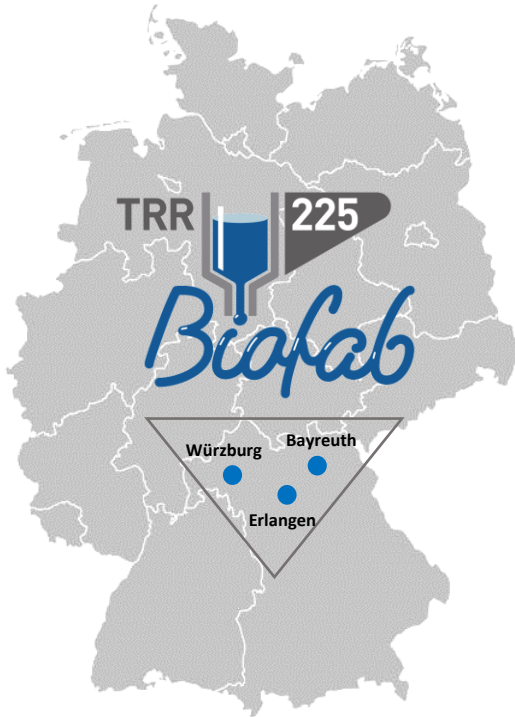
CRC/TRR225 contributions at the DGBM 2026 - *Talks*

Biofabrication I

Thursday 24 September, 11:15h
HS 3

„Functional characterization
of adaptable 3D vascular
in vitro models“

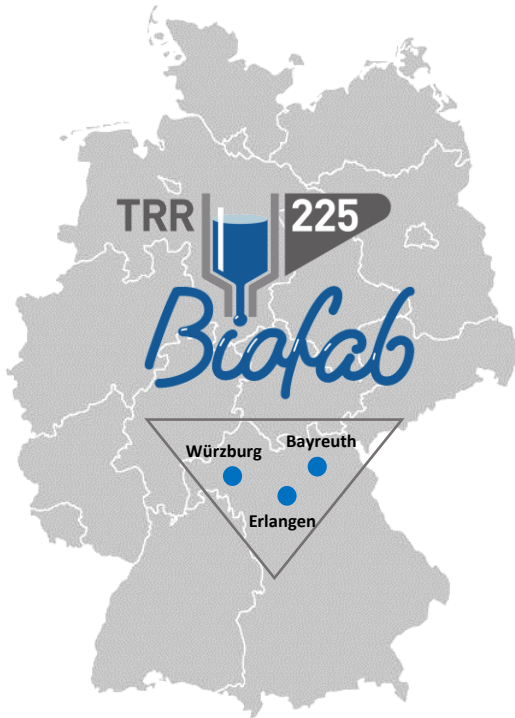
(I. Gernoneit, F. Moser, F. Kluthe, T. Jüngst)



CRC/TRR225 contributions at the DGBM 2026 - *Talks*

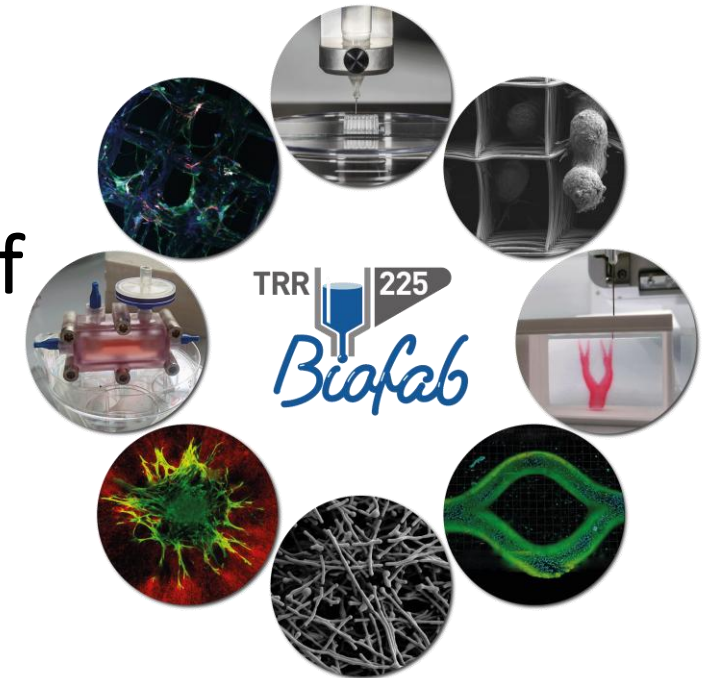
Drug Delivery I

Thursday 24 September, 16:00h
HS 4



„Controlled release of drugs out of multi-material-constructs for intraarterial application“

(M. Simon, F. Mattern, L. Tschauder, J. Braig, A. Fleischer,
M. Bartolf-Kopp, T. Jüngst)



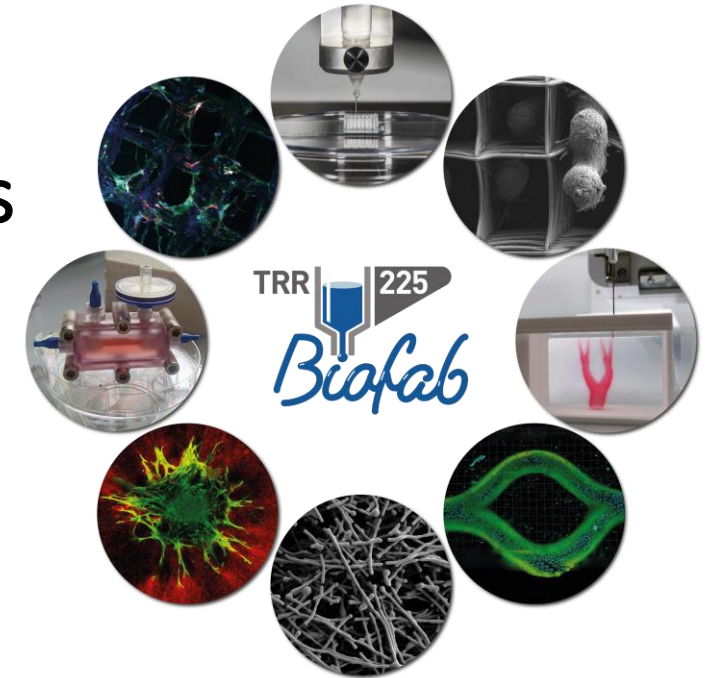
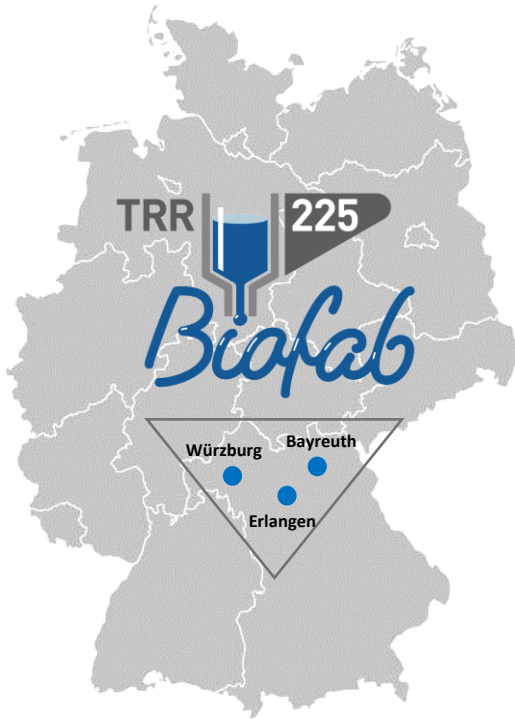


CRC/TRR225 contributions at the DGBM 2026

Rapid Fire Talks

Thursday 24 September, 16:39h
HS 3

„Fiber-reinforced hydrogel bioinks
for reproducible anisotropic
tissueengineering“
(Poster 4)
(Z. Lamberger)





CRC/TRR225 contributions at the DGBM 2026

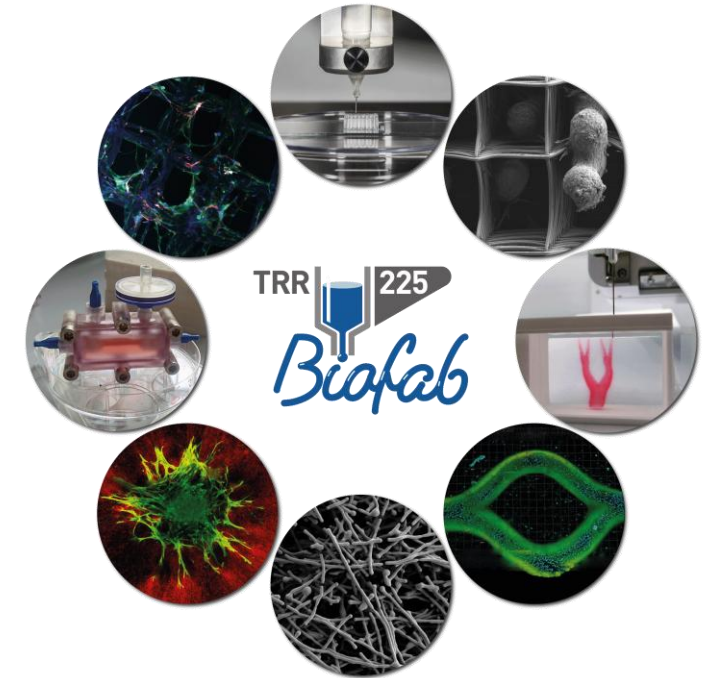
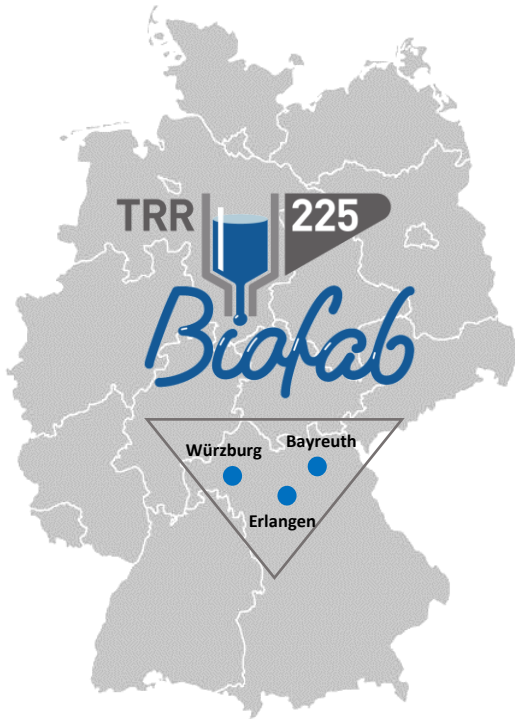
Rapid Fire Talks

Thursday 24 September, 16:42h
HS 3

„The OpTubator: A novel tool
for real-time four-dimensional
optical maturation assessment
of biofabricated constructs”

(Poster 5)

(J. Bauer)





CRC/TRR225 contributions at the DGBM 2026

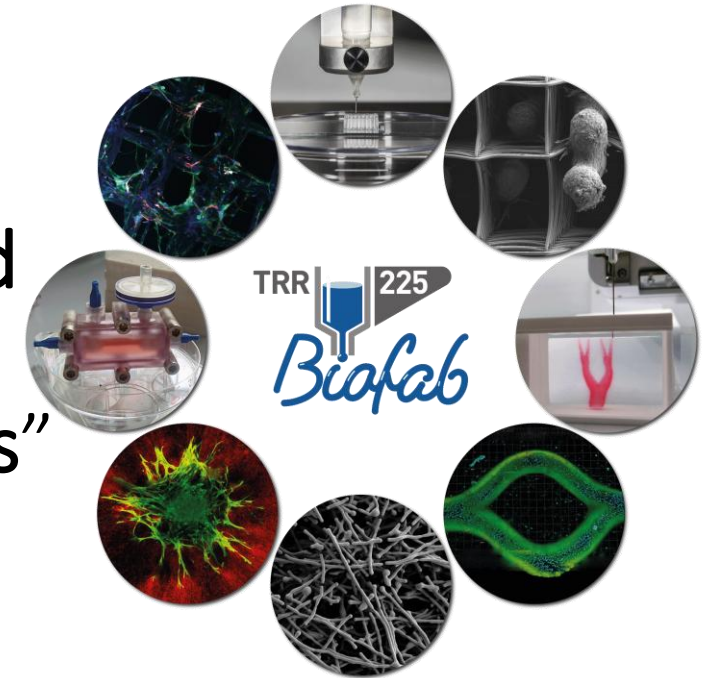
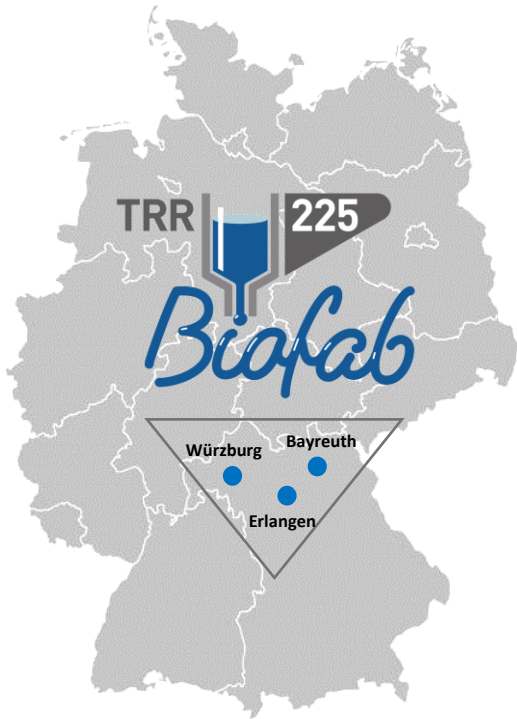
Rapid Fire Talks

Thursday 24 September, 16:51h

HS 3

„Development of drop-on-demand
bioprinting of glioblastoma
spheroids in alginate/GelMA bioinks”
(Poster 9)

(R. Detsch)



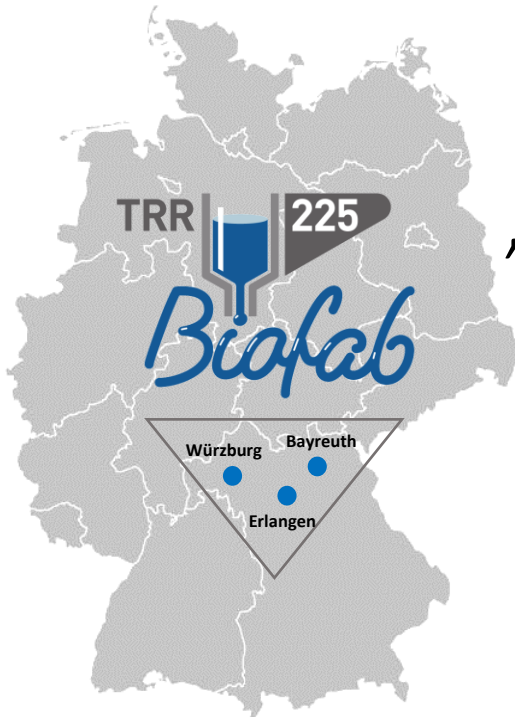


CRC/TRR225 contributions at the DGBM 2026

Rapid Fire Talks

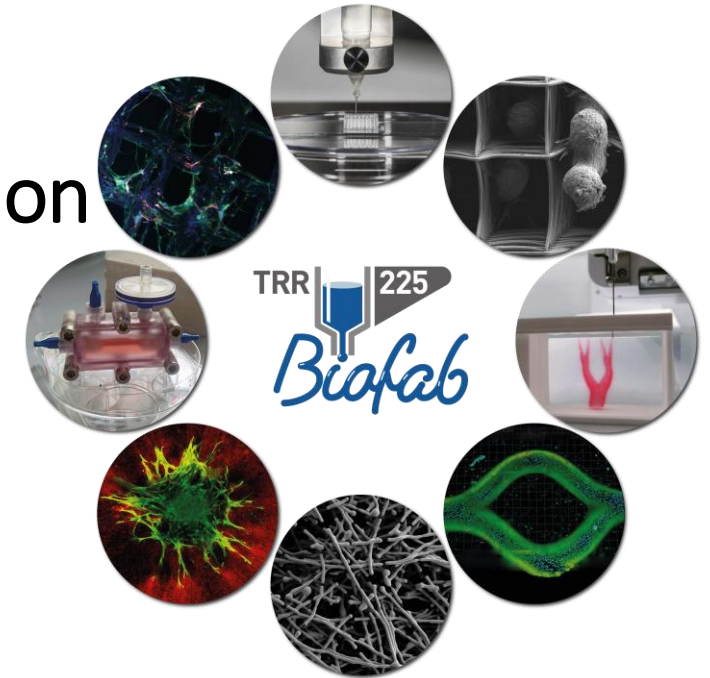
Thursday 24 September, 17:09h

HS 3



„Evaluation of circulating cell adhesion
to endothelialized microvascular
networks in 3D hydrogels”

(Poster 21)
(T. Gandziarowski)





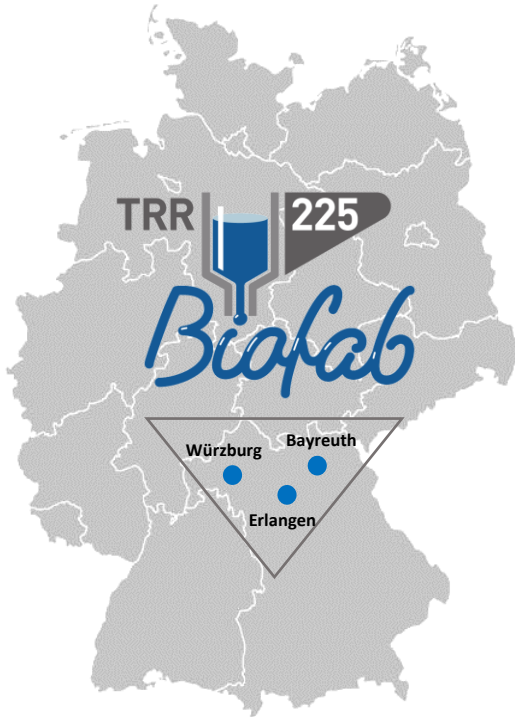
CRC/TRR225 contributions at the DGBM 2026 - *Talks*

Biofabrication VI

Saturday 26 September, 11:15h
HS 3

„Multi-channel systems for blood
and lymphatic vascular modeling“

(F. Moser, V. Borree, I. Gernoneit, T. Jüngst)





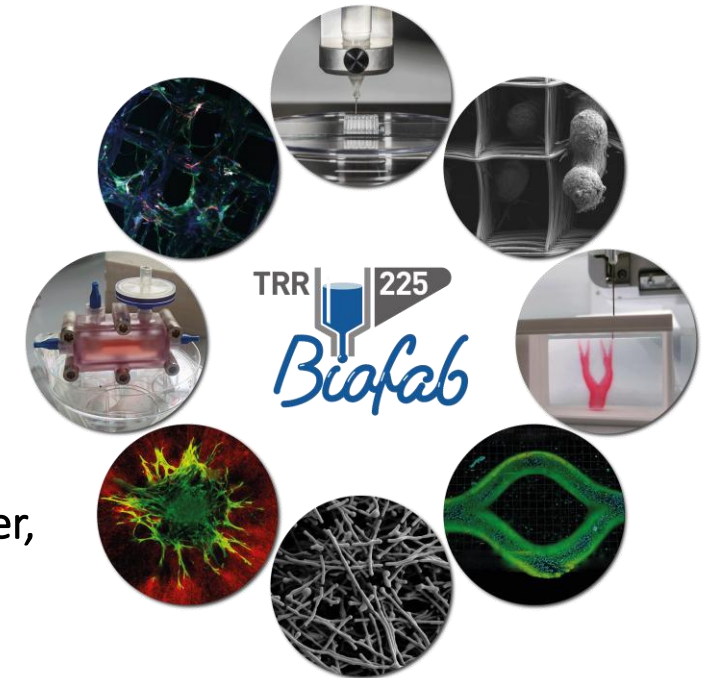
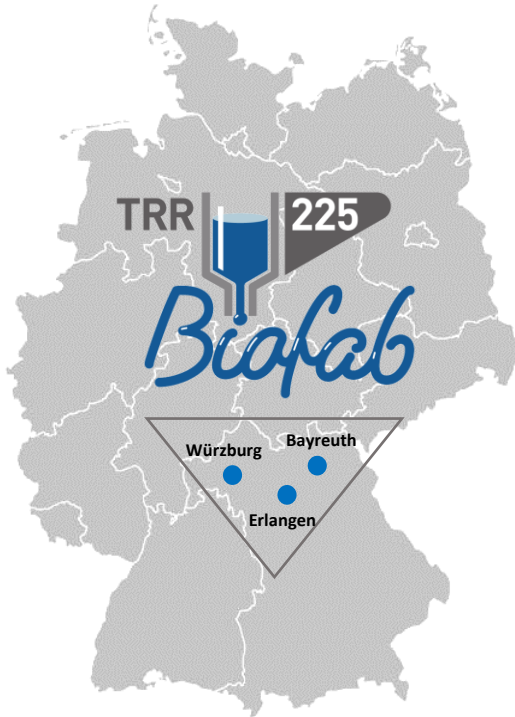
CRC/TRR225 contributions at the DGBM 2026 - *Talks*

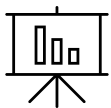
Biofabrication VI

Saturday 26 September, 11:30h
HS 3

„ Bioprinted platform for neuronal circuit formation and glioblastoma disease modeling“

(C. Vacas Betancourt, P. Suwannakot, N. Murenu, Z. Lamberger,
J. Tessmar, R. Detsch, T. Blunk, M. Andrade, C. Villmann)





CRC/TRR225 contributions at the DGBM 2026

Poster Session I (Thursday 24 September, 18:00-19:30h)

Poster Session II (Friday 25 September, 18:00-19:30h)

Large Seminar Room



Fiber-reinforced hydrogel bioinks for reproducible anisotropic tissue engineering (Poster 4)

Z. Lamberger, G. Lang



The OpTubator: A novel tool for real-time four-dimensional optical maturation assessment of biofabricated constructs (Poster 5)

J. Bauer, D. Schneidereit, P. Ritter, O. Friedrich



Development of drop-on-demand bioprinting of glioblastoma spheroids in alginate/GelMA bioinks (Poster 9)

R. Detsch, D. Wist, V. Mößler, J. Alakbarli, R. Strick, A.R. Boccaccini



Conventional hydrogels dictate different fates of glioblastoma cell lines in 3D (Poster 10)

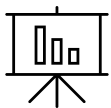
V. Mößler, P.L. Strissel, J. Faber, I. Thievessen, S. Budday, R. Strick



Evaluation of circulating cell adhesion to endothelialized microvascular networks in 3D hydrogels (Poster 21)

T. Gandziarowski, Y.-Y. R. Dai, S. Heilig, M. Ryma, O. Friedrich, C. Alexiou, J. Groll, I. Cicha





CRC/TRR225 contributions at the DGBM 2026

[Poster Session I \(Thursday 24 September, 18:00-19:30h\)](#)

[Poster Session II \(Friday 25 September, 18:00-19:30h\)](#)

Large Seminar Room

3D Optical Fiber Assisted Bioprinting (OFAB), a novel light-based 3Dbioprinting system capable of printing high cell concentration and opaque materials (Poster 1)

M. Pfeiffle, T. Jüngst

Development of tubular grids for colorectal mucosal crypt engineering via melt electrowriting and shape-memory polymers poly(alkylene terephthalate)s (Poster 3)

L.L. Murillo, H. Vandeputte, R. P. Santos Silva, F. Kluthe, L. Van Daele, J. Braig, S. Van Vlierberghe, T. Jüngst, J. Groll

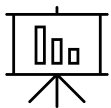
Deciphering melanoma brain metastases: Role of cellular plasticity and metastatic origin (Poster 31)

S. Heidenreich, A.K. Boßerhoff, S. Budday, A.R. Boccaccini, I. Helfrich, A. Schambony, J. Faber, M. Lorke, S. Schmidt, D. Herrera-Ríos

Tubular PCL MEW scaffolds for intravascular drug delivery: A study of degradation (Poster 39)

L. Tschauder, F. Mattern, M. Simon, J. Braig, A. Fleischer, M. Bartolf-Kopp, T. Jüngst





CRC/TRR225 contributions at the DGBM 2026

Session Chair



Ceramics and Bioglasses

Thursday 24 September, 11:45-13:00h, HS 3

A.R. Boccaccini, U. Gbureck



Drug Delivery

Thursday 24 September, 15:00-h, HS 4

H. Menzel, T. Jüngst



Biofabrication VI

Saturday 26 September, 11:15h, HS 3

M. Gelinsky, R. Detsch

