

**Discloser Identifier:** 352102  
**Disclosure Purpose:** 25-13525

Summary of Interests

Company or Organization

Entity	Type	Interest Held By
Abbott Vascular	Grant / Contract	Self
<b>Recipient Name:</b> UMG Göttingen <b>Grant / Contract Description:</b> IIT Reshape-HF2 <b>Additional Information:</b> No income to me. <b>Recipient Type:</b> Institution <b>Grant / Contract Purpose:</b> Research		
Abbott Vascular	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
alleviant	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Amgen	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
AstraZeneca	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Bayer	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Berlin Heals	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Boehringer Ingelheim	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Brahms GmbH	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		

Entity	Type	Interest Held By
Cardiac dimensions	Consultant	Self
Category: Consultant Description: Additional Information:		
Cardior	Consultant	Self
Category: Consultant Description: Additional Information:		
Cordio	Consultant	Self
Category: Consultant Description: Additional Information:		
CVRx, Inc.	Consultant	Self
Category: Consultant Description: Additional Information:		
Cytokinetics	Consultant	Self
Category: Consultant Description: Additional Information:		
Edwards Lifesciences	Consultant	Self
Category: Consultant Description: Additional Information:		
Edwards Lifesciences Corporation	Consultant	Self
Category: Consultant Description: Additional Information:		
Faraday Pharmaceuticals	Consultant	Self
Category: Consultant Description: Additional Information:		
GlaxoSmithKline	Consultant	Self
Category: Consultant Description: Additional Information:		
HeartKinetics	Consultant	Self
Category: Consultant Description: Additional Information:		
Impulse Dynamics (USA) Inc.	Consultant	Self
Category: Consultant		

Entity	Type	Interest Held By
<b>Description:</b>		
<b>Additional Information:</b>		
Mankind Pharma	Consultant	Self
<b>Category:</b> Consultant		
<b>Description:</b>		
<b>Additional Information:</b>		
Novartis	Consultant	Self
<b>Category:</b> Consultant		
<b>Description:</b>		
<b>Additional Information:</b>		
Occlutech	Consultant	Self
<b>Category:</b> Consultant		
<b>Description:</b>		
<b>Additional Information:</b>		
Pfizer	Consultant	Self
<b>Category:</b> Consultant		
<b>Description:</b>		
<b>Additional Information:</b>		
Regeneron Pharmaceuticals	Consultant	Self
<b>Category:</b> Consultant		
<b>Description:</b>		
<b>Additional Information:</b>		
repair on	Consultant	Self
<b>Category:</b> Consultant		
<b>Description:</b>		
<b>Additional Information:</b>		
Repairon	Consultant	Self
<b>Category:</b> Consultant		
<b>Description:</b>		
<b>Additional Information:</b>		
Scirent	Consultant	Self
<b>Category:</b> Consultant		
<b>Description:</b>		
<b>Additional Information:</b>		
Sensible Medical Innovations Ltd	Consultant	Self
<b>Category:</b> Consultant		
<b>Description:</b>		
<b>Additional Information:</b>		
Servier	Consultant	Self
<b>Category:</b> Consultant		
<b>Description:</b>		
<b>Additional Information:</b>		
V-Wave	Consultant	Self

Entity	Type	Interest Held By
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Vectorious	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Vifor (International) Ltd.	Grant / Contract	Self
<b>Recipient Name:</b> Charité University Medicine Berlin <b>Grant / Contract Description:</b> IIT Fair-HFpEF & IIT Fair-HF2 <b>Additional Information:</b> No income for me.		
<b>Recipient Type:</b> Institution <b>Grant / Contract Purpose:</b> Research		
Vifor (International) Ltd.	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		

## Additional Questions

1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

No.

2. What is the manuscript title?

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure.

3. Are you the corresponding author?

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.

**Discloser Identifier:** 1273886  
**Disclosure Purpose:** 25-13525

Summary of Interests

Company or Organization

Entity	Type	Interest Held By
University Medical Center Goettingen	Employment	Self
<b>Title:</b> Physician		<b>Position Description:</b> Clinical and Research Fellow
<b>Additional Information:</b>		

Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.
2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure
3. **Are you the corresponding author?**

No.

Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 1187519  
**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 1273885

**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.

**Discloser Identifier:** 1273862  
**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.





**Discloser Identifier:** 1273888  
**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 769778

**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.

**Discloser Identifier:** 963570  
**Disclosure Purpose:** 25-13525

Summary of Interests

Company or Organization

Entity	Type	Interest Held By
University Heart Center Lübeck, Germany	Employment	Self
<b>Title:</b> Prof. Dr. Stephan Ensminger		<b>Position Description:</b> Head of Department
<b>Additional Information:</b>		

Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.
2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure
3. **Are you the corresponding author?**

No.

Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 456592  
**Disclosure Purpose:** 25-13525

Summary of Interests

Company or Organization

Entity	Type	Interest Held By
Actimed	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Apellis Pharmaceuticals	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Argenx	Data And Safety Monitoring	Self
<b>Category:</b> Data And Safety Monitoring <b>Description:</b> <b>Additional Information:</b>		
AstraZeneca	Data And Safety Monitoring	Self
<b>Category:</b> Data And Safety Monitoring <b>Description:</b> <b>Additional Information:</b>		
Bayer	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
BerlinHeals	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Biosense Webster, Inc.	Data And Safety Monitoring	Self
<b>Category:</b> Data And Safety Monitoring <b>Description:</b> <b>Additional Information:</b>		
Boehringer Ingelheim	Data And Safety Monitoring	Self
<b>Category:</b> Data And Safety Monitoring <b>Description:</b> <b>Additional Information:</b>		
Bristol-Myers Squibb	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		

Entity	Type	Interest Held By
Cardior	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
CSL Behring	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Daiichi Sankyo Europe GmbH	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Enanta Pharmaceuticals	Data And Safety Monitoring	Self
<b>Category:</b> Data And Safety Monitoring <b>Description:</b> <b>Additional Information:</b>		
F. Hoffmann-La Roche	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Galapagos	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Immunic AG	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
IQVIA	Data And Safety Monitoring	Self
<b>Category:</b> Data And Safety Monitoring <b>Description:</b> <b>Additional Information:</b>		
Janssen Pharmaceuticals	Data And Safety Monitoring	Self
<b>Category:</b> Data And Safety Monitoring <b>Description:</b> <b>Additional Information:</b>		
Mylan Inc.	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Novartis Pharma	Consultant	Self
<b>Category:</b> Consultant		

Entity	Type	Interest Held By
<b>Description:</b> <b>Additional Information:</b>		
<b>Priothera</b> <b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>	Consultant	Self
<b>RECARDI Inc.</b> <b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>	Consultant	Self
<b>RECARDIO Inc.</b> <b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>	Consultant	Self
<b>Relaxera Pharmazeutische Gesellschaft mbH &amp; Co. KG</b> <b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>	Consultant	Self
<b>VICO Therapeutics B.V.</b> <b>Category:</b> Data And Safety Monitoring <b>Description:</b> <b>Additional Information:</b>	Data And Safety Monitoring	Self
<b>Vifor (International) Ltd.</b> <b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>	Consultant	Self

## Additional Questions

1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

No.

2. What is the manuscript title?

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. Are you the corresponding author?

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.

**Discloser Identifier:** 966143  
**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 1273863  
**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.





**Discloser Identifier:** 402809  
**Disclosure Purpose:** 25-13525

Summary of Interests

Company or Organization

Entity	Type	Interest Held By
AstraZeneca	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Avocet Bio GmbH	Other Business Ownership	Self
<b>Form of Business Description:</b> Ltd. <b>Additional Information:</b> Shareholder		
Boehringer Ingelheim Pharma GmbH & Co.KG	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Corvia Medical GmbH	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Impulse Dynamics Germany, GmbH Inc.	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Novartis	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Repairon GmbH	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> Scientific and Medical Consultant <b>Additional Information:</b>		
Servier Deutschland GmbH	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Springer	Other	Self
<b>Category:</b> Other <b>Description:</b> Co editor of Journal Internal Medicine <b>Additional Information:</b>		

Entity	Type	Interest Held By
Vifor Pharma	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 1273889  
**Disclosure Purpose:** 25-13525

Summary of Interests

Company or Organization

Entity	Type	Interest Held By
AstraZeneca	Grant / Contract	Self
<b>Recipient Name:</b> <b>Grant / Contract Description:</b> Research Grant <b>Additional Information:</b>		<b>Recipient Type:</b> <b>Grant / Contract Purpose:</b>
AstraZeneca	Other	Self
<b>Category:</b> Other <b>Description:</b> Speaking Engagement <b>Additional Information:</b>		
Bayer	Other	Self
<b>Category:</b> Other <b>Description:</b> Speaking Engagement <b>Additional Information:</b>		
Bayer	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> <b>Additional Information:</b>		
Bayer	Travel	Self
<b>Location(s):</b> <b>Purpose:</b> <b>Additional Information:</b>		
Boehringer Ingelheim	Other	Self
<b>Category:</b> Other <b>Description:</b> Speaking Engagement <b>Additional Information:</b>		
Novartis	Other	Self
<b>Category:</b> Other <b>Description:</b> Speaking Engagement <b>Additional Information:</b>		

Additional Questions

1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

No.
2. What is the manuscript title?

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

**3. Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 402808  
**Disclosure Purpose:** 25-13525

Summary of Interests

Company or Organization

Entity	Type	Interest Held By
Novartis	Other	Self
<b>Category:</b> Other		
<b>Description:</b> Speaking engagement		
<b>Additional Information:</b> one single talk about quality of life in heart failure		
Sartorius	Stock	Self
<b>Additional Information:</b>		

Intellectual Property

Type	Is Licensed	Interest Held By
Other Intellectual Property - German version of Hospital Anxiety and Depression	-	Other - Hogrefe Publishers
<b>Description:</b> German version of Hospital Anxiety and Depression Scale		
<b>Type:</b> Royalties for psychometric questionnaire		
<b>Additional Information:</b> The copyright for the instrument I developed lies with Hogrefe Publsiherers and I receive annual royalties for all sold licences and paper-based questionnaires		
<b>Licensees:</b> No		
<b>Additional Information:</b> The copyright for the instrument I developed lies with Hogrefe Publsiherers and I receive annual royalties for all sold licences and paper-based questionnaires		

Additional Questions

1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?  

No.
2. What is the manuscript title?  

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure
3. Are you the corresponding author?  

No.

Certification

I certify that the information provided in this disclosure is complete and accurate.

**Discloser Identifier:** 1273864

**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 1273865  
**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 1273891  
**Disclosure Purpose:** 25-13525

Summary of Interests

Company or Organization

Entity	Type	Interest Held By
Repairon GmbH	Employment	Self
<b>Title:</b> Managing Director		<b>Position Description:</b> Manufacturing Operations
<b>Additional Information:</b>		
Repairon GmbH	Stock Option	Self
<b>Additional Information:</b> Virtual Shares		

Additional Questions

1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

No.
2. What is the manuscript title?

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure
3. Are you the corresponding author?

No.

Certification

I certify that the information provided in this disclosure is complete and accurate.





**Discloser Identifier:** 1269052

**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 465648  
**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 1273866

**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 1230914

**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 1196108

**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 1273867

**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem cell derived biological ventricular assist tissue in heart failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 1273868

**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.

**Discloser Identifier:** 1273869  
**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.





**Discloser Identifier:** 1273884  
**Disclosure Purpose:** 25-13525

# Summary of Interests

Company or Organization		
Entity	Type	Interest Held By
Abbott Vascular	Travel	Self
<b>Location(s):</b> Toulouse <b>Purpose:</b> Training <b>Additional Information:</b>		
AstraZeneca	Grant / Contract	Self
<b>Recipient Name:</b> Tim Seidler <b>Grant / Contract Description:</b> Honoraria for Lectures <b>Additional Information:</b>		
		<b>Recipient Type:</b> Individual <b>Grant / Contract Purpose:</b> Other - Education
Boehringer Ingelheim	Grant / Contract	Self
<b>Recipient Name:</b> Tim Seidler <b>Grant / Contract Description:</b> Honoraria for Lectures <b>Additional Information:</b>		
		<b>Recipient Type:</b> Individual <b>Grant / Contract Purpose:</b> Other - Education
Bristol-Myers Squibb	Grant / Contract	Self
<b>Recipient Name:</b> Tim Seidler <b>Grant / Contract Description:</b> Honoraria for Lectures <b>Additional Information:</b>		
		<b>Recipient Type:</b> Individual <b>Grant / Contract Purpose:</b> Other - Education
Bristol-Myers Squibb	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> Advisory Board <b>Additional Information:</b> Advisory Board Activities for Mavacamten		
Corvia Medical Inc.	Grant / Contract	Self
<b>Recipient Name:</b> Tim Seidler <b>Grant / Contract Description:</b> Lecture Honoraria <b>Additional Information:</b>		
		<b>Recipient Type:</b> Individual <b>Grant / Contract Purpose:</b> Other - Education
cytogenetics	Consultant	Self
<b>Category:</b> Consultant <b>Description:</b> Advisory Board <b>Additional Information:</b>		
Edwards Lifesciences	Grant / Contract	Self
<b>Recipient Name:</b> Tim Seidler <b>Grant / Contract Description:</b> Honoraria for Lectures <b>Additional Information:</b>		
		<b>Recipient Type:</b> Individual <b>Grant / Contract Purpose:</b> Other - Education
Medtronic	Grant / Contract	Self
<b>Recipient Name:</b> Tim Seidler <b>Grant / Contract Description:</b> Honoraria for Lectures <b>Additional Information:</b>		
		<b>Recipient Type:</b> Individual <b>Grant / Contract Purpose:</b> Other - Education

Entity	Type	Interest Held By
Novartis	Grant / Contract	Self
<b>Recipient Name:</b> Tim Seidler		<b>Recipient Type:</b> Individual
<b>Grant / Contract Description:</b> Honoraria for Lectures		<b>Grant / Contract Purpose:</b> Other - Education
<b>Additional Information:</b>		
Pfizer	Grant / Contract	Self
<b>Recipient Name:</b> Tim Seidler		<b>Recipient Type:</b> Individual
<b>Grant / Contract Description:</b> Honoraria for Lectures		<b>Grant / Contract Purpose:</b> Other - Education
<b>Additional Information:</b>		
Teleflex Incorporated	Travel	Self
<b>Location(s):</b> Within Germany		
<b>Purpose:</b> Training		
<b>Additional Information:</b>		

## Additional Questions

1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

No.
2. What is the manuscript title?

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure
3. Are you the corresponding author?

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 642644

**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 1273870  
**Disclosure Purpose:** 25-13525

Summary of Interests

Company or Organization

Entity	Type	Interest Held By
Repairon GmbH	Consultant	Self

**Category:** Consultant  
**Description:** Advising and coordinating R&D activities of the company  
**Additional Information:**

Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.
2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure
3. **Are you the corresponding author?**

No.

Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 1273890  
**Disclosure Purpose:** 25-13525

Summary of Interests

Company or Organization

Entity	Type	Interest Held By
Repairon	Employment	Self
<b>Title:</b> Head of Quality		<b>Position Description:</b> QM, QA, QC
<b>Additional Information:</b>		

Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.
2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure
3. **Are you the corresponding author?**

No.

Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 592589  
**Disclosure Purpose:** 25-13525

Summary of Interests

Company or Organization

Entity	Type	Interest Held By
KU Leuven	Employment	Self
<b>Title:</b> Prof of Cardiology		<b>Position Description:</b> Head of Echocardiography
<b>Additional Information:</b>		

Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.
2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure
3. **Are you the corresponding author?**

No.

Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 1273871

**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.



**Discloser Identifier:** 826194

**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.





**Discloser Identifier:** 640790  
**Disclosure Purpose:** 25-13525

## Summary of Interests

I do not have any interests to disclose at this time.

## Additional Questions

1. **Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?**

No.

2. **What is the manuscript title?**

Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure

3. **Are you the corresponding author?**

No.

## Certification

I certify that the information provided in this disclosure is complete and accurate.



Discloser Identifier: 702936  
 Disclosure Purpose: 25-13525

Summary of Interests

Company or Organization

Entity	Type	Interest Held By
Repairon GmbH	Other	Self
Category: Other Description: Founder, Equity Holder, and Advisor Additional Information: unpaid		
Repairon GmbH	Consultant	Self
Category: Consultant Description: Consultant Additional Information: Compensated time commitment up to 8 h per week		
University Medical Center Göttingen	Employment	Self
Title: Professor and Director, Institute of Pharmacology and Toxicology Position Description: Professor and Director, Institute of Pharmacology and Toxicology Additional Information: The University Medical Center Göttingen is the sponsor of the investigator-initiated BioVAT-HF trial as well as owner and licensor (to Repairon GmbH) of IP from the Zimmermann group		

Additional Questions

- Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?  
  
 No.
- What is the manuscript title?  
  
 Stem Cell-derived Biological Ventricular Assist Tissue in Heart Failure
- Are you the corresponding author?  
  
 Yes.
  - Please list the other authors' names here.  
  
 Stephan Ensminger, MD, DPhil Ingo Kutschka, MD Christina Paitazoglou, MD Tim Seidler, MD Sören Brandenburg, MD Ahmad-Fawad Jebran, MD Malte Tiburcy, MD Stefan D. Anker, MD, PhD Niklas Bader, MD Leonard Bergau, MD Felix Bremmer, MD Pedro Grilo Diogo, MD Ingo Eitel, MD Buntaro Fujita, MD Birgit Gerecke, MD Gerd Hasenfuß, MD Kristian Hellenkamp, MD Christoph Hermann-Lingen, MD Dominik Jurczyk, MD Rainer Knaus, PhD Tobias Legler, MD Joachim Lotz, MD Marius Placzek, PhD Thomas Pühler, MD Joachim Riggert, MD† Monika Sadlonova, MD Roza Saraei, PhD Philipp Ströbel, MD Christian Ullrich, PhD Jens-Uwe Voigt, MD Florian Walker, PhD Bernd Wollnik, MD Gökhan Yigit, PhD Tim Friede, PhD

Certification

I certify that the information provided in this disclosure is complete and accurate.