





**Positive steps towards animal welfare – sharing stories of failure**  
[www.CIRS-LAS.de](http://www.CIRS-LAS.de)

**Culture of Care and Responsible Research**

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## Transparency – Initiatives in lab animal science

New ways



**BRAD**  
 Biomedical Research Awareness Day



**BEOPEN**  
 ANIMAL RESEARCH DAY

1<sup>st</sup> July 2021 was “Be Open about Animal Research Day”: **#BOARD21**. A global social media campaign supported by the European Animal Research Association (EARA).



**Initiative Transparente Tierversuche**

German Transparency Agreement for Animal Research launched on 1st July 2021 by DFG and “Understanding Animal Research”, now signed by 75 German research institutions

[bradglobal.org](http://bradglobal.org)  
<https://www.eara.eu/transparency-agreements>  
<https://www.initiative-transparente-tierversuche.de>





## Constructive culture of error in lab animal research

- ✓ Central idea of a "*culture of care*" instead of a "*blame and shame culture*"
  - Transparent reporting about mistakes, near misses, critical incidents or even undesired events during animal experiments
  - Actions to improve animal safety



UKJ: NHIßbach

How can YOU reach that?



Easy Way

Start talking about unsuccessful animal experiments....

### CIRS-LAS

CIRS-LAS (Critical Incident Reporting System - Laboratory Animal Science) is a web-based, globally operating reporting system for the recording and analysis of unplanned events in animal experimental research.

CIRS-LAS stands for a constructive, open and transparent error culture in laboratory animal science.

**MUTUAL LEARNING** from errors, near misses, critical or even adverse events occurring in the context of animal experimentation prevents unnecessary repetition of unsuccessful experiments

**CRITICAL DISCUSSIONS** on causes and approaches to solutions lead to an increase in animal welfare

**OPEN DIALOGUE** ensures transparency in laboratory animal science

### INCIDENT DATABASE

Here you can search the case database or enter a incident.

Research

Report incident

### CIRS

CIRS-LAS i based, glc events in

CIRS-LAS : animal sci

**MUTUAL L** the center experimenter

**CRITICAL I** animal we

**OPEN DIA**



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## Report simply & anonymously on CIRS-LAS.de

### 1. Heading

Heading\*

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Please give your reported incident an appropriate heading

Tags

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Please add some keywords

### 2. Animal - Please skip if not applicable

Animal species

Choose item

Age group

Choose item

Gender

Choose item

Pregnant

Choose item

Hygiene status

Choose item

### 3. Incident

In which discipline did the incident happen?

Anesthesia  
Animal care, hygiene, nutrition  
Cardiovascular system (blood- and lymph)  
Construction of animal facility

In what context did the incident occur?

Choose item

In which period did the event take place?

from [Year] to [Year]



www.CIRS-LAS.de





## Report simply & anonymously on CIRS-LAS.de

Background information – What was the originally planned purpose?

z.B. Narkose eines Versuchstieres, OP-Vorbereitung eines Tieres, Testung von Medikamenten oder Biomaterial, Verhaltensforschung bspw. Open Field, Bewegungsanalyse, etc.

Negative experience – What was the negative experience?

Where do you see the reason(s) for the incident and how could they be avoided in the future?

Assessment of the degree of stress for the animal (if already known)

Choose item

Are the results of the experiment usable? (if already known)

Choose item

How often does an incident like this occur?

Choose item

Which factors contributed to the occurrence of the incident? [multiple selections possible, please press „Ctrl“ for this purpose]

Animal factors (restriction, med. condition, etc.)  
Communication (in team, with other researcher, etc.)  
Formation and training  
Institutional context (Organization of the experimentation, etc.)

### 4. Reporter

Professional group

Choose item

Report incident


 CIRS-LAS Portal  
 Central Incident Reporting System in Laboratory Animal Science  
 Refine - Reduce - Replace

## What happens to my reported incident?

- Administrator receives an anonymous email from the database system
- Plausibility and anonymity are checked
- Reported incident is released in the database
- Keywords are included in the search function
- Translation of the reported incident



<https://p.inimg.com/originals/5/9/4/b/2/e/5/9/4/b/2/e/c/5/1/7/2/c/e/9/c/5/a/0/f/b/8/2/a/a/c/5/8/9/f/b/7/1>



Anonymous reporting  
**without**  
 registration

### Report simply & anonymously on CIRS-LAS.de

Registration: **official email**  
 address to verify the  
 origin of a person



Registration: receive a **Login**, user  
 can choose username and  
**anonymous, untraceable**  
**password**

Member restricted area at CIRS-LAS Portal

**Read and comment**  
 reported incidents **after**  
**registration**

**Panel of professionals**  
**evaluates & comments on**  
 reported incidents

**Publishing a summary**  
 of case reports

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**CIRS-LAS Portal**  
Central animal reporting system in laboratory animal science  
Refine - Reduce - Replace

## Convince yourself - It's so easy to work transparently....

### Latest reports on *CIRS-LAS.de*

> 200 registered user  
> 50 reports

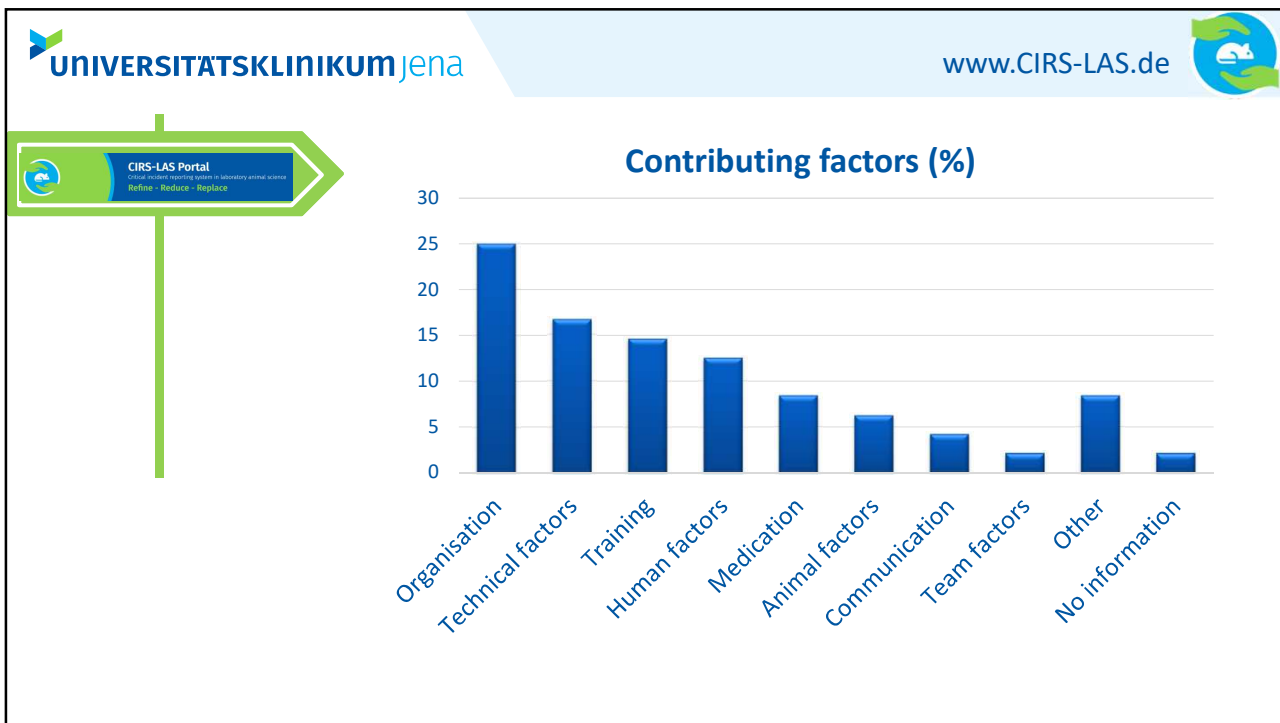
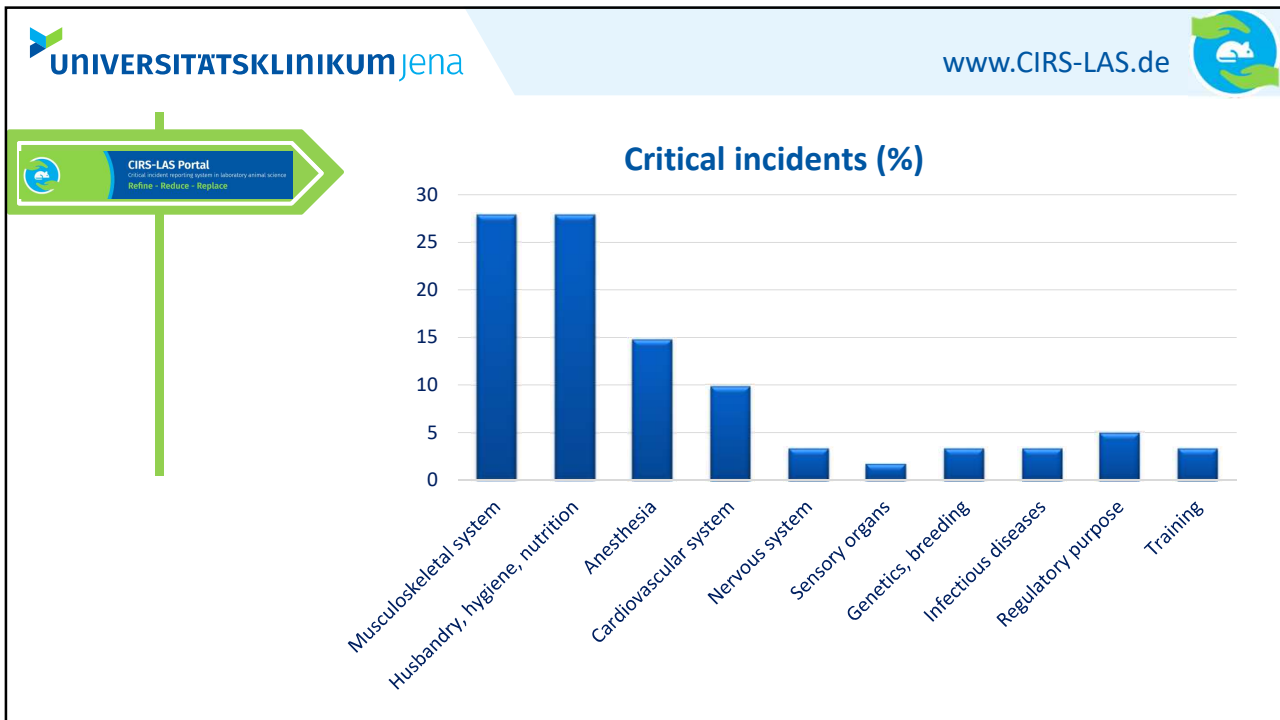
- Bortezomib treatment (Reference medication for testing new anti-tumor treatment) kills 7 out of 10 mice
- Side effects after injection of Tramadol and Paracetamol in combination in mice
- Peritonitis after Freund`s adjuvant in the rat?
- Kidney damage in mouse after surgery on heating mat

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## Registered user on CIRS-LAS

Month	Registered Users
Jan 2015	0
Apr 2015	2
Jul 2015	5
Oct 2015	10
Jan 2016	15
Apr 2016	18
Jul 2016	20
Oct 2016	22
Jan 2017	25
Apr 2017	28
Jul 2017	30
Oct 2017	35
Jan 2018	40
Apr 2018	45
Jul 2018	55
Oct 2018	65
Jan 2019	75
Apr 2019	85
Jul 2019	100
Oct 2019	115
Jan 2020	130
Apr 2020	140
Jul 2020	150
Oct 2020	165
Jan 2021	175
Apr 2021	185
Jul 2021	195
Oct 2021	210
Jan 2022	225



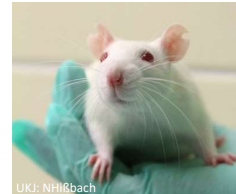


## When it's so easy,...

- ❖ The progress on transparency in animal based research ...
  - ✓ is based on constructive failure management, which is supported by your facility administration!
- ❖ The scientific progress ...
  - ✓ may also benefit from reports on unsuccessful experiments
  - ✓ will be successful without wasting laboratory animals & resources!
- ❖ Now it's up to you ...
  - ✓ join and become a part of **CIRS-LAS**



UKJ- SBischoff



UKJ- NHRBach



## Conclusion

- ✓ Excellent research and responsibility go hand in hand
- ✓ Transparent and constructive culture of error should be a main part of the responsible research of every institution
- ✓ Be aware of our responsibility to improve animal welfare
- ✓ It`s time for sharing stories of failure - join CIRS-LAS.de





## CIRS-LAS Portal

Critical incident reporting system in laboratory animal science

**Refine - Reduce - Replace**

**Thank you for sharing stories of failure and improving animal welfare!**

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Astrid Enkelmann  
David Trietschel  
Christoph Henniger

