

# *CALAR Annual Report 2007*



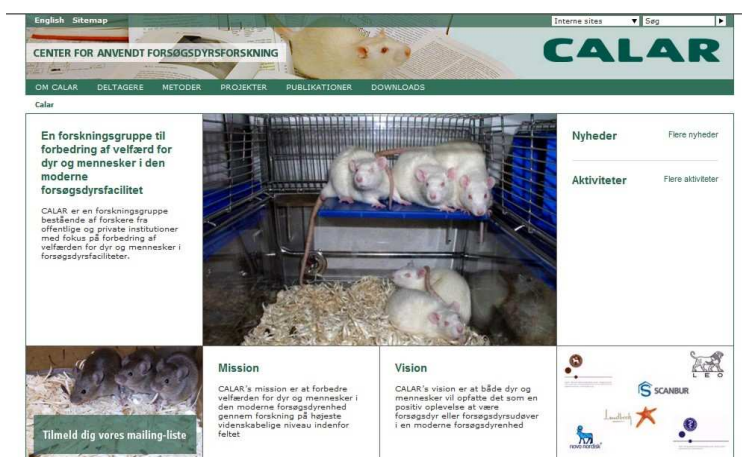
## Status of 2007

Like the previous year, 2007 has been characterized by both professional and strategic activities. Last year's decision to establish more formal structures for the activities of the centre has had the intended results thus optimizing the management and control of the more complex and financially challenging projects, among other things by preparation of plans for activities and actions based on the approved budget and by introduction of project management. Prioritising of internal resources has also been discussed, and it was decided clearly to distinguish between whether a specific project is to be considered as a flagship which has to be focussed on or as a minor project which is to be carried out in connection with a master thesis. The internal resources of CALAR are primarily to be used on the flagships.

The centre has applied for external funding from various councils and foundations. Applications for a total of 11,309,356,- DKK have been submitted, but no grants have been given.

The centre continues working with an increased presentation of the scientific results in publications, at scientific symposia and congresses and at the annual CALAR symposium.

The steering committee of the centre has discussed the need for a communication strategy which has resulted in an improvement of the homepage ([www.calar.dk](http://www.calar.dk)), and a CALAR logo for use in connection with various presentations has been designed.



*New homepage*



*CALAR logo*

At the 6th international congress on alternatives to animal research in August 2007, the CALAR participants had contact to other national centres in order to discuss possible future cooperation on large projects. Unfortunately, without any specific results.

### The centre has initiated the following projects in the current year:

- Positive reinforcement trainability of African green monkeys and baboons
- Optimizing the surgical procedure for chronic vascular cannulation in laboratory rats

- Welfare measurements of laboratory animals

**The centre has finished the following projects in the current year:**

- The effect of enrichment by the use of the Scantainer-Novo Rat Cage System on the development of diabetes in female NOD (Non-Obese Diabetic) mice
- Optimizing the surgical procedure for chronic vascular cannulation in laboratory rats

**The centre has published the following in the current year:**

- **The impact of tail tip amputation and ink tattoo on C57BL/6JBomTac mice**  
Sørensen, D.B., Stub, C., Jensen, H.E., Ritskes-Hoitinga, M., Hjorth, P., Ottesen, J.L., Hansen, A.K., *Laboratory Animals*, 41, pp. 19-29

The total impact factor for the current year: 0,76

**The centre has participated in the following meetings and congresses in the current year:**

- ScandLAS in Tromsø with 1 oral presentation (AKH) and 2 posters (LFMi and TKr)
- FELASA in Italy with 1 oral presentation (LFMi) and 1 poster (TKr)
- World Congress on Alternatives & Animal with 1 poster (JLO)
- The European Partnership for Alternative Approaches to Animal Testing (EPAA), Brussel, with 1 poster (JLO)

**The centre's mini symposium in the current year:**

The symposium was held on 7th September at KVL/Life. The following papers were presented:

- A general presentation: Animal ethics – seen in a religious perspective by Aage Kristian Olsen (PET-centeret, Århus)
- Neurobiological tests after housing in the Scantainer-Novo Rat Cage system by Sanne Gram Nielsen (Lundbeck A/S) and Dorte Bratbo Sørensen (Life)
- The effects of enrichment by the use of the Scantainer-Novo Rat Cage systems – a review on results by Lars Friis Mikkelsen (Novo Nordisk A/S)
- Optimizing the surgical procedure for chronic vascular cannulation in laboratory rats by Uno Fonseca (Life/Lundbeck A/S)
- The effects of sound and noise on rats by Thomas C. Krohn (Life)
- The use of apes and monkeys in the biomedical research by Jann Hau (Panum - Sund)

136 participants had registered for the symposium, coffee and cake were served, and at the end of the symposium Scanbur A/S served a beer.

**The centre's M.Sc. students in the current year:**

- Uno Fonseca, veterinarian student, completed in September

**The centre's contacts to other groups in the current year:**

The centre has an ongoing contact with the NC3R in England (by Mark Prescott)

**The Centre's financial situation in the current year:**

In 2007 the centre had a total budget of 3.118.000,- DKK.

The following application were made

- FTP (The Danish Council for Technology and Innovation) for 2.686.972,- DKK and 665.712,- DKK
- FSS (The Danish Council for Health and Disease) for 3.187.560,- DKK
- The Carlsberg Foundation for 682.800,- DKK and 104.832,- DKK
- The Lundbeck Foundation for 1.611.000,- DKK
- The Novo Nordisk Foundation for 2.370.480,- DKK

**Planning of 2008:****The centre's plan of activities for the coming year:**

The following six activities is in focus in 2008:

- Two established projects:
  - The intestinal flora
  - Welfare measurements
- Two new projects
  - The Musik project
  - Positive emotion
- Two important projects
  - Condition avoidance
  - Single housing