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### 'One Europe': The challenge of consistency in severity classification

### Anne Zintzsch<sup>1</sup>, Adrian Smith<sup>2</sup>, Nikolaos Kostomitsopoulos<sup>3</sup> & Jan-Bas Prins<sup>4</sup>

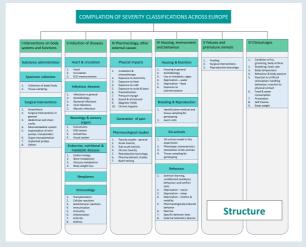
<sup>1</sup> 3R Centre Justus-Liebig-University of Giessen & Professorship for Laboratory Animal Science and Animal Welfare, Germany, <sup>2</sup> Norecopa, Norway, <sup>3</sup> Biomedical Research Foundation of the Academy of Athens, Greece, <sup>4</sup> The Francis Crick Institute, UK & Leiden University Medical Centre, The Netherlands



# https://norecopa.no/severity

#### Background

Severity classification is an important factor in the project authorisation of animal experiments and mandatory according to Directive 2010/63/EU. The assignment to a respective severity category needs careful evaluation of the impact on the animals' well-being. To facilitate a common understanding, and avoid decisions on a subjective basis, several guidelines are available on how experimental interventions could be classified. The guidelines are in use by scientists, Project Evaluation Committees and Animal Welfare Bodies (AWO). It is important to note that experiment-specific conditions, such as cumulative severity, setting early end-points or other refinements must be taken into account on a case-by-case basis, and may modify the recommended severity classification.



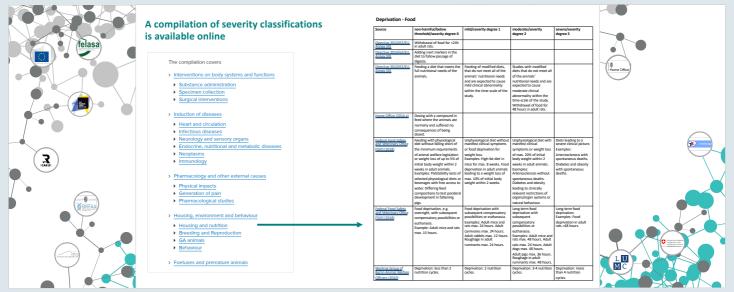
#### Compilation as the first step

As an aid to the efforts being made to harmonise severity classification, we have collected existing guidelines and compiled their contents in tables, making it easier to compare them.

Severity classifications have been included from:

- EU Directive 2010/63
  The UK Home Office
- The Swiss Federal Food Safety and Veterinary Office
- The Working Group of Berlin Animal Welfare
   Officers

The compilation gives an overview of systems currently in use in Europe for severity classification of techniques and procedures, and for genetically altered laboratory animals.



#### The way forward

The next step is to review the severity classifications, add more guidance notes and include more examples of severity classificationlike those compiled by FELASA working groups<sup>1</sup>. A systematic review of available literature is planned to supplement the compilation. Our aim is to offer a comprehensive tool to aid harmonisation of severity classification. If you would like to contribute literature on severity classification, or comment on the compilation, please send an email to <u>anne.zintzsch@vetmed.uni.giessen-de</u>.

<sup>1</sup> Classification and reporting of severity experienced by animals used in scientific procedures: FELASA/ECLAM/ESLAV Working Group report David Smith, David Anderson, Anne-Dominique Degryse, Carla Bol, Ana Criado, Alessia Ferrara, Nuno Henrique Franco, Istvan Gyertyan, Jose M Orellana, Grete Ostergaard, Orsolya Varga, Hanna-Marja Voipio Laboratory Animals, vol. 52, 1\_suppl: pp. 5-57. , First Published January 23, 2018.



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