Pain as a Clinical Factor and Experimental Variable in Research Rodents
Mark A Suckow, and Patricia V Turner

Overview

Ethical and IACUC Considerations Regarding Analgesia and Pain Management in Laboratory Rodents
Larry Carbone

A Review of Pain Assessment Methods in Laboratory Rodents
Patricia V Turner, Daniel SJ Pang, and Jennifer LS Lofgren

Clinical Management of Pain in Rodents
Patricia L Foley, Lon V Kendall and Patricia V Turner

A Review of Strain and Sex Differences in Response to Pain and Analgesia in Mice
Jennifer C Smith

Influence of Pain and Analgesia on Cancer Research Studies
Douglas K Taylor

Defining and Managing Pain in Stroke and Traumatic Brain Injury Research
Christina M Larson, George L Wilcox, and Carolyn A Fairbanks

A Review of the Effects of Pain and Analgesia on Immune System Function and Inflammation: Relevance for Preclinical Studies
George J DeMarco and Elizabeth A Nunamaker

Influence of Pain and Analgesia on Orthopedic and Wound-healing Models in Rats and Mice
Monika K Huss, Stephen A Felt, and Cholawat Pacharinsak

The Influence of Pain and Analgesia in Rodent Models of Sepsis
Kelsey C Carpenter, John M Hakenjos, Christopher D Fry, and Jean A Nemzek

The Study of Pain in Rats and Mice
Christina M Larson, George L Wilcox, and Carolyn A Fairbanks

Interacting Influences of Sleep, Pain, and Analgesic Medications on Sleep Studies in Rodents
Linda A Toth

Information for Authors

AALAS Position Statement on the Humane Care and Use of Laboratory Animals

Coming Up In JAALAS

Guest editors Dr Mark A Suckow, DACLAM, and Dr Patricia V Turner, DACLAM assembled this Special Topic issue. Dr Mark Suckow is an Associate Vice President for Research, and Attending Veterinarian at the University of Kentucky. Dr Pat Turner is the Corporate Vice President of Global Animal Welfare with Charles River. An introduction and a summary of the articles included in this issue are in their guest editorial.