

## JAVMA News Digest

|                         |     |
|-------------------------|-----|
| JAVMA News Digest ..... | 604 |
|-------------------------|-----|

## Bone, Joint, and Cartilage

|                                                                                                                                             |     |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Effects of an articular cartilage lubrication with a viscosupplement in vitro and in vivo following osteochondral fractures in horses ..... | 611 |
| <i>Michele M. Temple-Wong, Aimee R. Raleigh, David D. Frisbie, Robert L. Sah, and C. Wayne McIlwraith</i>                                   |     |

## Diagnostic Imaging

|                                                                                                                               |     |
|-------------------------------------------------------------------------------------------------------------------------------|-----|
| Comparison of curvilinear-array (microconvex) and phased-array transducers for ultrasonography of the lungs in dogs .....     | 619 |
| <i>Jessica L. Ward, Shane D. Murphy, Gregory R. Lisciandro, Melissa A. Tropsf, Austin K. Viall, and Teresa C. DeFrancesco</i> |     |

|                                                                                                                                               |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Use of computed tomography to determine a species-specific formula for body surface area in bearded dragons ( <i>Pogona vitticeps</i> ) ..... | 629 |
| <i>Caitlin M. Hepps Keeney, Nathan C. Nelson, and Tara M. Harrison</i>                                                                        |     |

## Digestive System - Nutrition

|                                                                                                                                                                                                                                 |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Effects of calcium supplementation, incomplete milking, and vitamin D3 injection on serum total calcium concentration during the first 24 hours after parturition in dairy cows fed an anionic diet during late gestation ..... | 634 |
| <i>Jim Weber, Johannes Prusseit, and Rudolf Staufenbiel</i>                                                                                                                                                                     |     |

## Infectious Disease

|                                                                                                                                                      |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Weather conditions associated with death attributed to bovine respiratory disease complex in high-risk auction market-sourced male beef calves ..... | 644 |
| <i>Lauren C. Wisnieski, David E. Amrine, Natalia Cernicchiaro, Michael W. Sanderson, and David G. Renter</i>                                         |     |

## Oncology

|                                                                                                                             |     |
|-----------------------------------------------------------------------------------------------------------------------------|-----|
| Safety and efficacy of a ribose-cysteine supplement to increase erythrocyte glutathione concentration in healthy dogs ..... | 653 |
| <i>Ariana M. Verrilli, Nicole F. Leibman, Ann E. Hohenhaus, and Brittany A. Mosher</i>                                      |     |

|                                                                                                                                                           |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Identification of serum microRNAs with differential expression between dogs with splenic masses and healthy dogs with histologically normal spleens ..... | 659 |
| <i>Janet A. Grimes, Kelsey R. Robinson, Anna-Claire M. Bullington, and Jennifer M. Schmiedt</i>                                                           |     |

## **Ophthalmology**

|                                                                                                                                              |     |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Relationship between the ratio of optic nerve sheath diameter to eyeball transverse diameter and morphological characteristics of dogs ..... | 667 |
| <i>Adrien Dupanloup and Stephanie Osinchuk</i>                                                                                               |     |

## **Physiology**

|                                                                                                                  |     |
|------------------------------------------------------------------------------------------------------------------|-----|
| Quantification of serum fibroblast growth factor-19 concentration in healthy dogs before and after feeding ..... | 676 |
| <i>Jillian Myers, L. Abbigail Granger, Sarah T. Keeton, Chin-Chi Liu, and Andrea N. Johnston</i>                 |     |