

Introduction

The *Annual Review of Animal Biosciences* was created 10 years ago, the forty-first journal in the Annual Reviews portfolio, to deliver a unique new series that would fill an unmet need for critical reviews in animal biology and medicine, animal agriculture, and conservation biology—all under one intellectual roof. The enormous wealth of new knowledge brought about by biotechnology and the ongoing characterization of the genomes and transcriptomes of domesticated and wild animals have underpinned much of the content in the new journal.

As with other Annual Reviews, nearly all of our topics have been suggested by members of the Editorial Committee, and a discussion of their relative merits forms the centerpiece of the annual Editorial Committee meeting, which is usually held in January or February, roughly two years before the planned publication date of the volume. The Committee then links potential topics with experts. A few volunteer proposals, although not encouraged, may also be discussed, but the general rule is that each article is invited from scientists at the very top of their fields. Committee Members, well-known scientists selected to provide balance and for their broad expertise, rotate off every few years. Thanks to our Committee; the many authors who have contributed manuscripts; the staff at Annual Reviews, especially Megan Berens, our Production Editor; and you, our readers, Volumes 1–9 of *Annual Reviews of Animal Biosciences* have been a resounding success. In terms of impact factor, the journal now ranks first (out of 63) of those emphasizing animal agriculture, second (out of 146) among those in the general area of veterinary sciences, and first (out of 175) in the broad discipline of zoology. Whatever your views about citation indices as measures of impact may be, it is difficult, even for a skeptic, not to conclude there has been some measure of success during our first decade.

Volume 10 maintains the quality of its predecessors and contains the usual cornucopia of topics, many likely to attract a generalized and not just a specialized readership. The increasing prominence of the microbiome in understanding whole-animal physiology is reflected in three reviews, four if the one on minimizing environmental impacts of ruminant production is included. Animal disease, species conservation, and of course adaptation to environment and evolutionary biology are, as usual, well represented. The dog as a model organism for human health is again featured, on this occasion as a model for aging. The article on the genetics of Thoroughbred horses will be popular among readers, despite the fact that there has not been a significant improvement in winning times at the Kentucky Derby in the last fifty years. Lastly, the autobiographical article, always popular among readers, is a poignant reminder of a beautiful life lost during 2021, not as the result of COVID-19 but of our other plague, cancer. George Seidel, one of our founding Committee

Members, contributed an article to an earlier volume and had just submitted his manuscript on “Translating Basic Research to Animal Agriculture” when he died. George was one of the kindest and most decent of individuals and epitomized the best in science. We hope you are able to read and enjoy his personal memories and achievements.

R. Michael Roberts
Harris A. Lewin
Co-Editors



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An online log of corrections to *Annual Review of Animal Biosciences* articles may be found at <http://www.annualreviews.org/errata/animal>