



The role of the Royal Swedish Academy of Agriculture and Forestry is to promote agriculture and forestry and related activities for the benefit of society, with the support of science and practical experience. The Academy was founded in 1811 at the initiative of Karl XIV Johan and started its work on 28 January 1813.

The Academy's Bertebos Prize 2020

The Royal Swedish Academy of Agriculture and Forestry (KSLA) has the privilege of inviting prominent persons and organizations to propose candidates for the **Bertebos Prize 2020**.

Bertebos prize winners have made contributions of distinguished quality and practical use within the area of agricultural and food research. ***This year we invite you to nominate candidates in the field of transboundary animal diseases.***

Transboundary animal diseases (TAD) are highly contagious epidemic diseases with the capacity for rapid spread, irrespective of national borders. They can cause high disease and mortality rates in animals, with serious socio-economic and sometimes public health consequences. Global trade, land encroachment, altered farming practices and climate change contribute to outbreaks of TAD, some transmissible to humans. High-impact animal diseases such as foot-and-mouth disease, peste des petits ruminants, African swine fever, while not directly affecting human health, clearly affect food and nutrition security as well as livestock production and trade. To the list should also be added potentially pandemic “emerging diseases”, such as highly pathogenic avian influenza.

There are examples of successful eradication programs focusing on TAD's. In June 2011, after an intense campaign over several decades, FAO and OIE formally declared rinderpest (“cattle plague”) eradicated.

TAD constitute a constant threat to animal health and welfare and to the livelihoods of livestock farmers in low-income countries and the economy of the livestock sector as a whole. Long-term efforts to prevent and eradicate TAD must rest on a solid scientific basis combined with good insights into the local socio-economic conditions for successful outcomes in different parts of the world.

Successful candidates for the Bertebos Prize should have contributed to significant research and development within the field of transboundary animal diseases, with special emphasis on prevention and eradication.

The Prize consists of SEK 400,000 (approx. EUR 37,000) and a diploma. The prize will be presented at the Commemorative Meeting of the Academy on 28 January 2020 in the City Hall of Stockholm.

KSLA organizes communicative activities together with the prize winner and in dialogue with the Bertebos Foundation. The activities should preferably take place the same year as the prize was awarded and should involve invited researchers and industry representatives. The type of activity may vary depending on the prize winner's scientific orientation.

The Academy's Bertebos Prize 2020

The Bertebos Prize was established in 1996 by the Bertebos Foundation on the initiative of the then chairman Mr. Olof Stenström and his wife, Mrs. Brita Stenström. The aim of the prize is to reward innovative and groundbreaking research and development within food and agriculture. The Royal Swedish Academy of Agriculture and Forestry has been entrusted by the Bertebos Foundation to select the prizewinner. The Prize is presented every second year. Further information about the Bertebos Prize is available on www.ksla.se/dir/bertebos.

The previous prizewinners are:

- 2017: Professor Kenneth G. Cassman, University of Nebraska, USA
 - Sustainable intensification of agriculture
- 2015: Professor Jan Delcour, KU Leuven, Belgium and Professor Youling L. Xiong, University of Kentucky, USA
 - Food additives
- 2013: Professor Philip Lowe, University of Newcastle, UK
 - Rural economy and land use
- 2011: Professor Karen Beauchemin, Alberta, Canada
 - Animal husbandry; ruminants and their interaction with the environment
- 2009: Dr. Joachim von Braun, Washington DC, USA
 - Food, agriculture and rural poverty
- 2007: Professor Ingo Potrykus, Magden, Switzerland
 - Development of methods for DNA transformation in rice and other plants
- 2005: Professor Piotr Kowalski, Gdansk University of Technology, Poland
 - Water dynamics in agriculture and forestry
- 2003: Professor Erik Steen Jensen and Professor John R. Porter, KVL, Denmark
 - Soil biology and modelling of responses of agro ecosystems to their environment
- 2001: Professor Donald Grierson, University of Nottingham, UK
 - Genetical engineering and food
- 1999: Professor Wolfgang Witte, Robert Koch Institute, Wernigerode, Germany
 - Antibiotics in food and feed
- 1997: Professor Christopher Polge, University of Cambridge, UK
 - Preservation of animal semen

Proposal for a prizewinner should be submitted by 31 October 2019, and include justification, CV and references to up to five scientific papers elucidating the candidates' most significant achievements in research and development. A nomination form is attached below.

to: Royal Swedish Academy of Agriculture and Forestry (KSLA)
The Standing Prize and Award Committee
Att. Keiko Blesserholt
P. O. Box 6806, SE-113 86 Stockholm, Sweden
or by E-mail keiko.blesserholt@ksla.se (copy to goran.dalin@slu.se).

Inquiries concerning the Prize and the nomination can be forwarded by telephone or e-mail to Björn Sundell (bjorn.sundell@ksla.se; +46 705 16 05 75) or Göran Dalin (goran.dalin@slu.se; +46 705 47 10 84).

Björn Sundell
Chair of the Standing Prize and Award Committee

Eva Pettersson
Secretary General – Managing Director

