Innovations in Animal Health

1761 Lvon, France • 1950s **1767** First veterinary antibiotics licensed in the US and Vienna, Austria • 1910s Europe. • 1778 Development of the First U.S. veterinary license issued for the rinderpest vaccine. Hannover, Germany production of serum Establishment of the first Brucellosis virtually against classical swine veterinary schools. eliminated in the US. fever. • 1880s 1960s

Development of new mechanisms for parasite control in livestock and companion animals, as well as products for reproduction management.

First marker vaccine developed (Aujeszky's disease, pigs, 1986). Development of modern foot-andmouth disease vaccines.

1989

• 1980s

Animal identification with microchip.

2005

First DNA vaccine authorised, pioneering a new technology now also used in human medicine.

2005-2010

First authorised cancer treatment for pets.

· 2009

Vaccine against boar taint receives European approval.

Expansion of therapeutic approaches for heart failure in dogs.

2013

2007

Expansion of treatment options with imepitoin for epilepsy in dogs.

2014

New combinations against bacterial or fungal otitis externa in dogs.

2017

First monoclonal antibody in veterinary medicine approved for the treatment of atopic dermatitis in dogs.











▶ 2000s

Development of west nile

virus vaccine for horses.

Development of avian flu

and bird flu pandemic.

vaccine in response to human













First anthrax and rabies vaccines developed.

• 1930s

First foot-and-mouth disease vaccine developed.

First brucellosis vaccine developed.

Rabies vaccine becomes widely available in the western world, leading to effective disease control

Discovery of thiabendazole, the first benzimidazole anthelmintic.

1970s

Discovery of avermectins revolutionising parasite control in veterinary and human medicine.

1990s

Intensive development of modern vaccination and therapeutics: improved pain management and

anesthesia.

First spot-on formulations for flea treatment. First behavioral therapy for pets.

2020

•2022

Increasing use of smart sensor systems for health monitoring.

Positive CVMP opinion on the first stem cell-based product for osteoarthritis in dogs.

2011

Rinderpest officiall eradicated - the second disease eliminated through global programme.

• 2016

First immunomodulator for cattle introduced to the market. 2024

NEW and improved

and welfare.

and treatment of diseases are

available to veterinarians. farmers, and pet owners.

Quick help provided: 3 vaccines against BTV-3 to protect cattle and sheep

14 new vaccines recommended for approval

Healthy animals mean healthy people and a healthier planet.

Our members provide solutions for the prevention and treatment of animal diseases.