Lecture2

Laboratory Training on AMR Surveillance in Terrestrial Animals

Ministry of Agriculture Forestry and Fisheries

National Veterinary Assay Laboratory (NVAL)



Introduction to NVAL & Our Activities as a WOAH Collaborating Centre

Introduction to NVAL
&
Our Activities as
a WOAH Collaborating Centre

Topic

- About NVAL
- NVAL Tsukuba Office
- NVAL as a WOAH Collaborating Centre

Topic

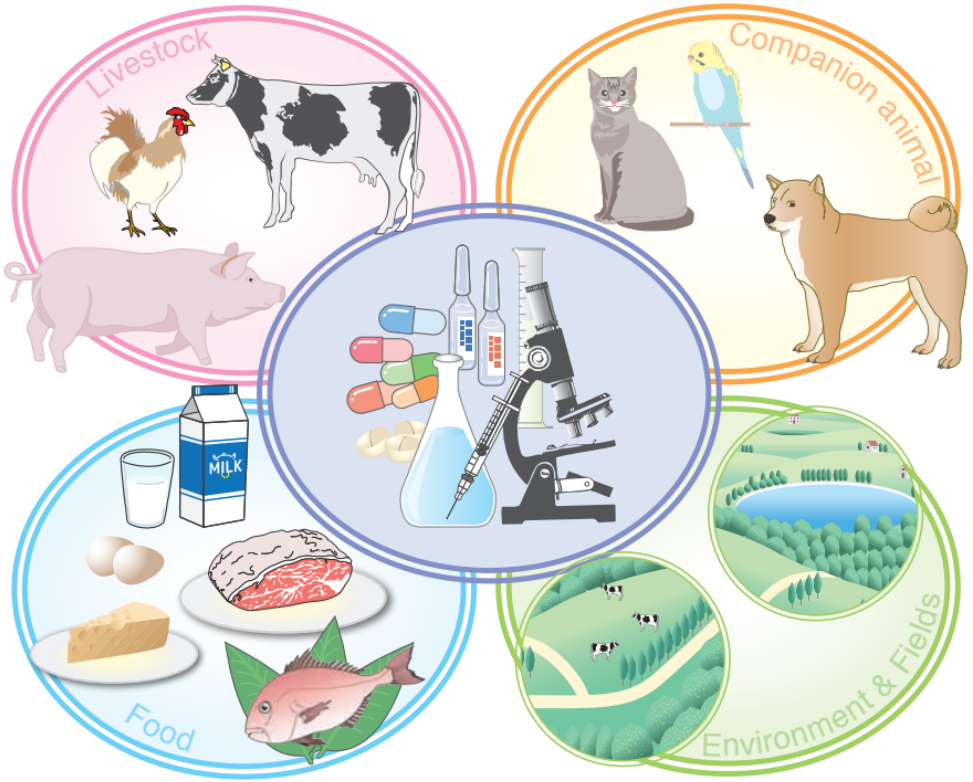
- About NVAL
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Our Mission

To secure animal health and food safety

NVAL conducts testing and evaluation to ensure the quality, safety, and efficacy of veterinary medicines.

By maintaining animal health and addressing issues shared between humans and animals, it contributes to promoting the One Health Approach.

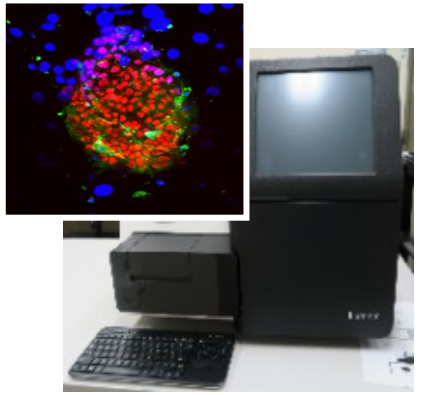


Our Primary Tasks

- ✓ National Assay on Veterinary biological products
- ✓ Official sampling tests for Veterinary Drugs
- ✓ Technical examination for Veterinary Drugs
- ✓ GMP inspection
- ✓ International cooperation
- ✓ AMR Countermeasures









History of NVAL

1948
- Assay Division established at the National Institute of Animal Health

1956
- NVAL established as an independent organization

1961
- Pharmaceutical Affairs Law enacted
  (Legal framework for veterinary product testing established)

2010
- Designated as a WOAH (formerly OIE) Collaborating Centre

WOAH Collaborating Centre
for Diagnosis and Control of Animal Diseases and Related Veterinary Product Assessment in Asia
Reference Centre
World Organisation for Animal Health
Founded as OIE

2023
- Veterinary AMR Center established

動物分野AMRセンター
Veterinary AMR Center

2025
- Relocated from Tokyo (Kokubunji) to Ibaraki (Tsukuba)

National Veterinary Assay Laboratory
動物医薬品検査所

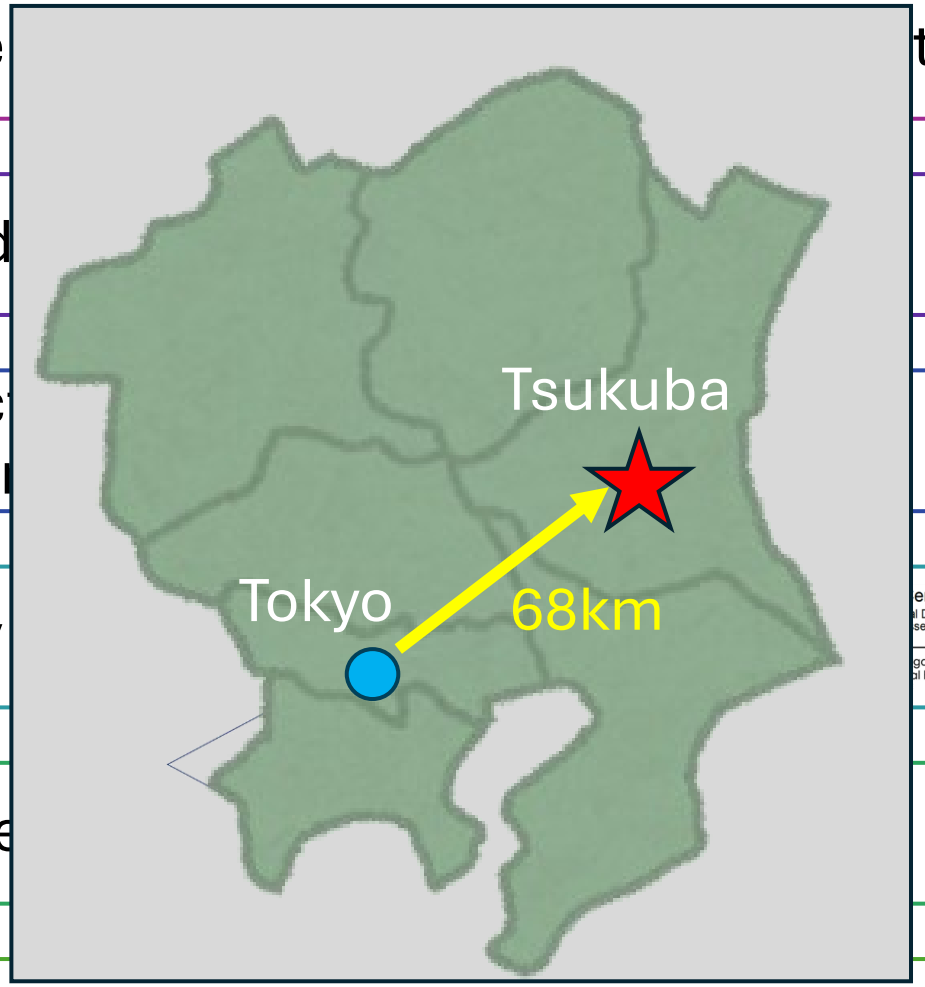
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NVAL Tsukuba Office

Main Building



Animal Experiment Facility



<Features of the New Facility>

- Improved operational efficiency and governance
- Strengthening livestock disease control measures
- Enhancement of antimicrobial resistance (AMR) countermeasures

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NVAL as a WOAH Collaborating Centre

Since 2010

WOAH Collaborating Centre

for Diagnosis and Control of Animal Diseases and Related Veterinary Product Assessment in Asia

Reference Centre

World Organisation for Animal Health

Founded as OIE



NVAL as a WOAH Collaborating Centre

✓Managing AMR

Strengthen the capacity for AMR surveillance in area of construction of sufficient AMR and AMU monitoring system in the region.

✓Ensuring the quality of VMPs

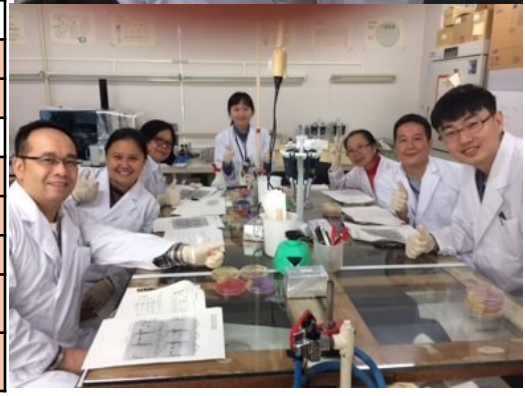
Strengthen the capacity for quality control of VMPs and the development of standards on veterinary vaccines in the Region.

Training、Dispatch of trainers

FY 2010	Training session	Risk analysis of Veterinary vaccines (15 countries/regions participated in Asia)
2011	Dispatch of trainers	Regional training seminar for OIE National Focal Points on Veterinary Products（Cambodia）
	Training session	Assessment of Avian influenza vaccine (4 countries/regions participated in Asia)
2012	Dispatch of trainers	Regional training seminar for OIE National Focal Points on Veterinary Products（Thailand）
	Training session	Assessment of Rabies vaccine and swine erysipelas vaccine(4 countries/regions participated in Asia)
2013	Training session	Assessment of Aquatic vaccine （5 countries/regions participated in Asia）
2014	Dispatch of trainers	Regional Training on Rabies Diagnosis（Japan）
	Training session	Assessment of Aquatic vaccine（5 countries/regions participated in Asia）
	Dispatch of trainers	Regional training seminar for OIE National Focal Points on Veterinary Products（Japan）
2015	Dispatch of trainers	Regional training seminar for OIE National Focal Points on Veterinary Products（Japan）
2016	Dispatch of trainers	Global Animal Health Conference 2016（India）
	Training session	Regional Short-term Training on AMR（8 countries/regions participated in Asia）
	Training session	Aquatic vaccine/Herbal medicine （Taiwan）
2017	Dispatch of trainers	Global Animal Health Conference 2017（Kenya）
	Training session	Regional Short-term Training on AMR（Advance course 6, pre-Advance course 6 countries/regions participated in Asia）
2018	Dispatch of trainers	Regional training seminar for OIE National Focal Points on Veterinary Products （Thailand）
	Training session	Regional Short-term Training on AMR（7 countries/regions participated in Asia）, NVAL-OIE Joint Seminar on AMR
2019 - 2020	Dispatch of trainers	Regional training seminar for OIE National Focal Points on Veterinary Products （Ethiopia）
	Dispatch of trainers	Regional training seminar for OIE National Focal Points on Veterinary Products （Malaysia）
	Training session	Regional Long-term Training on AMR (3 months) (China)
2021	Training session	Regional Short-term online Training on AMR（online） （Nepal）
2022	Dispatch of trainers	Regional training seminar for WOAH National Focal Points on Veterinary Products (online)
	Training session	Regional Short-term online Training on AMR (41 participants from 15 countries in Asia)（online）
2023	Training session	Regional Short-term Training on AMR（3 countries/regions participated in Asia）
2024	Training session	Regional Short-term Training on AMR（5 countries/regions participated in Asia）
2025	Dispatch of trainers	Regional Short-term Training on AMR（4 countries/regions participated in Asia）(Rakuno Gakuen University)
2026	Training session	WOAH Laboratory Training on AMR Surveillance in Terrestrial Animals (Bangladesh) (co-organized with RGU)







Our Outreach Activities

YouTube video

- 1st Workshop on SFVP and WOAH – VSAFE (2024.6)



The first part



The second part

- 43rd VICH SC meeting (2024.11)



Coming Soon！

Thank you for your attention!



Our Official Mascot : Jennifer