

## OIE reference experts and laboratories for diseases of aquatic animals

Source: [Reference Experts and Laboratories](#) (OIE website), As of 2021/2

Fields	Disease Name	Asia and the Pacific		Other region	
		Nations	Experts	Nations	Experts
Amphibians Disease	Infection with Ranavirus	Australia	Dr. Nick. Moody	-	-
			Dr. Paul. Hick	-	-
	Infection with <i>Batrachochytrium dendrobatidis</i>	-	-	-	-
	Infection with <i>Batrachochytrium salamandrivorans</i>				
Crustaceans diseases	Infectious myonecrosis				-
	Taura Syndrome	-	-	USA	Dr. Arun. Dhar
	Necrotising hepatopancreatitis	-	-	USA	Dr. Luis. Fernando. Aranguren
	Infectious hypodermal and haematopoietic necrosis	China(PRO)	Dr. Bing. Yang	USA	Dr. Arun. Dhar
	White spot disease	China(PRO)	Dr. Qingli. Zhang	USA	Dr. Arun. Dhar
		C. Taipei	Dr. Grace. Lo	-	-
	Infection with yellow head virus	Australia	Dr. Nick. Moody	-	-
	White tail disease	India	Dr. A. Sait. Sahul. Hameed	-	-
	Crayfish plague	-	-	Finland	Dr. Satu. Viljamaa-Dirks
Acute hepatopancreatic necrosis disease	C. Taipei	Dr. Grace. Lo	USA	Dr. Arun. Dhar	
Fish diseases	Infectious haematopoietic necrosis	China(PRO)	Dr. Hong. Liu	Canada	Dr. Kyle. Garver
	Channel catfish virus disease	-	-	USA	Dr. Larry. A. Hanson
	Enteric septicaemia of catfish	-	-		
	Infection with <i>Aphanomyces invadans</i>			-	-
	Koi Herpesvirus Disease	Japan	Dr. Takafumi. Ito	UK	Dr. David. Stone
				Germany	Dr. Sven M. Bergmann
	<i>Oncorhynchus masou</i> virus disease	Japan	Dr. Hisae. Kasai	-	-
	Red sea bream iridoviral disease		Dr. Yasuhiko. Kawato	-	-
Viral encephalopathy and retinopathy	-	-	Italy	Dr. Anna. Toffan	
Spring viraemia of carp	China(PRO)	Dr. Hong. Liu	UK	Dr. David Stone	

	Infection with salmonid alphavirus	-	-		Dr. Hilde. Sindre
	Infection with <i>Gyrodactylus salaris</i>	-	-	Norway	Dr. Haakon. Hansen
	Infection with salmon anaemia virus	-	-		Dr. Ole. Bendik. Dale
		-	-	Chile	Dr. Sergio. Hernán. Marshall. Gonzalez
	Viral haemorrhagic septicaemia	Korea(RO)	Dr. Hyoung. Jun Kim	Denmark	Dr. Niels. Jørgen. Olesen
				Canada	Dr. Kyle. Garver
	Epizootic haematopoietic necrosis	Australia	Dr. Paul. Hick	-	-
		Australia	Dr. Nick. Moody	-	-
<b>Molluscs Diseases</b>	Infection with <i>Mikrocytos mackini</i>	-	-	Canada	Dr. Gary. Meyer
	Infection with <i>Xenohalotis californiensis</i>	-	-		
	Infection with <i>Perkinsus marinus</i>	-	-		
	Infection with <i>Perkinsus olseni</i>	-	-		
	Infection with abalone herpesvirus	Australia	Dr. Mark. Crane	-	-
	Infection with <i>Bonamia exitiosa</i>	-	-	France	Dr. Isabelle. Arzul
	Infection with <i>Bonamia ostreae</i>	-	-		
	Infection with <i>Marteilia refringens</i>	-	-		
Infection with <i>Marteilia sydneyi</i>	-	-			

**Note:** OIE listed diseases with no RL, Non OIE listed diseases,

## OIE reference experts and laboratories for diseases of terrestrial animals

Source: [Reference Experts and Laboratories](#) (OIE website), As of 2021/2

Species	Disease Name	Asia and the Pacific		Other region	
		Nations	Experts	Nations	Experts
Multiple Species	Anthrax	-	-	Canada	Dr. Kingsley. Amoako
		-	-	USA	Dr. Ginger. Harvey
	Infection with Aujeszky's disease virus	-	-	France	Dr. Marie-Frédérique Le Potier
		-	-	USA	To be decided
	Infection with bluetongue virus	Australia	Dr. Debbie. Eagles	Italy	Dr. Giovanni. Savini
		-	-	S. Africa	Dr. Baratang. Alison. Lubisi
		-	-	UK	Dr. Carrie. Batten
		-	-	USA	To be decided
	Infection with <i>Brucella abortus</i>	Korea(RO)	Dr. Jin-Ju. Lee	Argentina	Dr. Ana. Maria. Nicola
		Thailand	Dr. Monaya. Ekgat	France	Dr. Claire. Ponsart
		China (PRO)	Prof. Jiabo. Ding	Germany	Dr. Heinrich. Neubauer
		-	-	Israel	Dr. Menachem. Banai
		-	-	Italy	Dr. Fabrizio De Massis
		-	-	UK	Dr. Adrian. Whatmore
		-	-	UAE	Prof. Ulrich. Wernery
	Infection with <i>Brucella melitensis</i>	Thailand	Dr. Monaya. Ekgat	Argentina	Dr. Ana. Maria. Nicola
		China(PRO)	Prof. Jiabo. Ding	France	Dr. Claire. Ponsart
		-	-	Germany	Dr. Heinrich. Neubauer
		-	-	Israel	Dr. Menachem. Banai
		-	-	Italy	Dr. Fabrizio. De Massis
		-	-	UAE	Prof. Ulrich. Wernery
		-	-	UK	Dr. Adrian. Whatmore
	Infection with <i>Brucella suis</i>	China(PRO)	Prof. Jiabo. Ding	Argentina	Dr. Ana. Maria. Nicola
		-	-	France	Dr. Claire. Ponsart
-		-	Germany	Dr. Heinrich Neubauer	

		-	-	Italy	Dr. Fabrizio. De Massis
		-	-	UK	Dr. Adrian. Whatmore
	Infection with <i>Echinococcus granulosus</i> Infection with <i>Echinococcus multilocularis</i>	-	-	Italy	Dr. Giovanna. Masala
	Infection with epizootic hemorrhagic disease virus	-	-	France	Dr. Stephan. Zientara
	Infection with foot and mouth disease virus	Korea(RO)	Dr. Jong-Hyeon Park	Argentina	Dr. Andrea. Pedemonte
		China(PRO)	Dr. Xiangtao. Liu	Botswana	Dr. Onkabetse. George. Matlho
				Brazil	Dr. Edviges. Maristel. Pituco
		-	-	France	Dr. Bakkali. Kassimi. Labib
		-	-	Italy	To be decided
		-	-	Russia	Dr. Valery. Zakharov
		-	-	S. Africa	Dr. François. Maree
		-	-	UK	Dr. Donald. King
		-	-	Canada	Dr. Charles. Nfon
		-	-	USA	Dr. Consuelo. Carrillo
	Heartwater	-	-	France	Dr. Nathalie. Vachier
	New world screwworm	-	-	-	-
	Old world screwworm	-	-	-	-
	Paratuberculosis	-	-	Argentina	Dr. Bernard. Alonso
		-	-	Czech	Dr. Iva. Slana
		-	-	France	Dre. Virginie. Poisson
	Infection with rabies virus	Korea(RO)	Dr. Dong.Kun. Yang	Canada	Dr. Christine. Fehlner-Gardiner
		China(PRO)	Prof. Changchun. Tu	France	Dr. Florence. Cliquet
		India	Dr. Shrikrishna. Isloor	Germany	Dr. Thomas. Muller
		-	-	Mexico	Dr. José. Alvaro. Aguilar. Setién
		-	-	Israel	Dr. Boris. Yakobson
		-	-	S. Africa	Dr. Claude. Taurai. Sabeta
		-	-	UK	Dr. Anthony. Fooks

		-	-	USA	Dr. Ryan. Wallace
Infection with Rift Valley fever virus		-	-	France	Dr. Noël. Tordo
		-	-	S. Africa	Dr. Baratang. Alison. Lubisi
Infection with rinderpest virus	Japan	Dr. Takehiro. Kokuho	France	Dr. Geneviève. Libeau	
	-	-	UK	Dr. Michael. Baron	
	-	-	USA	Dr. Wei. Jia	
Infection with <i>Trichinella</i> spp.	-	-	Canada	Dr. Brad. Scandrett	
	-	-	Italy	Dr. Maria. Angeles. Gomez. Morales	
Tularemia	-	-	-	-	
Japanese encephalitis	Korea(RO)	Dr. Dong. Kun. Yang	-	-	
West Nile fever	-	-	Italy	Dr. Federica. Monaco	
	-	-	USA	To be Decided	
Crimean-Congo haemorrhagic fever	-	-	France	Dr. Noël. Tordo	
Epizootic haemorrhagic disease	-	-	France	Dr. Stephan. Zientara	
Q fever	-	-	France	Dr. Elodie. Rousset	
	-	-	Poland	Dr. Krzysztof. Niemczuk	
Surra ( <i>Trypanosoma evansi</i> )	Japan	Prof. Noboru. Inoue	Belgium	Prof. Philippe. Buscher	
Escherichia coli	-	-	Canada	Dr. John. Morris. Fairbrother	
Leptospirosis	Australia	Dr. Scott. Craig	Argentina	Dr. Jessica. Petrakovsky	
	-	-	Argentina	Dr. Luis. Samartino	
	-	-	Netherlands	Dr. Marga. Goris	
	-	-	USA	Dr. Matthew. M. Erdman	
Salmonellosis	Korea (RO)	Dr. Min-Su. Kang	Canada	Dr. Gitanjali. Arya	
	-	-	Germany	Dr. Istvan. Szabo	
	-	-	Italy	Dr. Antonia. Ricci	
	-	-	UK	Dr. Rob. Davies	
Vesicular stomatitis	-	-	Brasil	Dr. Edviges. Maristela Pituco	

		-	-	USA	To be decided
	Babesiosis			Italy	Under Study
				Mexico	Dr Juan Joel Mosqueda Gualito
Apidae	Infestation of honey bees with <i>Acarapis woodi</i>	-	-	France	Dr. Marie-Pierre. Chauzat
	Infection of honey bees with <i>Paenibacillus larvae</i>	-	-	Germany	Dr. Marc. O. Schäfer
	Infection of honey bees with <i>Melissococcus plutonius</i>	-	-	France	Dr. Marie-Pierre. Chauzat
	Infestation with <i>Aethina tumida</i>	-	-		
				Germany	Dr. Marc. O. Schäfer
	Infestation of honey bees with <i>Tropilaelaps</i> spp	-	-	France	Dr. Marie-Pierre. Chauzat
	Infestation of honey bees with <i>Varroa</i> spp.	-	-		
			Germany	Dr. Marc. O. Schäfer	
Aves	Avian chlamydiosis	-	-	France	Dr. Karine. Laroucau
		-	-	Germany	Dr. Christiane. Schnee
	Avian infectious bronchitis	-	-	-	-
	Turkey rhinotracheitis	-	-	France	Dr. Nicolas. Eterradossi
	Avian infectious laryngotracheitis	-	-	-	-
	Avian tuberculosis	-	-	Czech	Dr. Iva. Slana
	Avian mycoplasmosis	-	-	Cuba	Dr. Evelin. Lobo. Riveroi
		-	-	Turkey	Dr. Umit. Sevimli
	Infectious with avian influenza viruses	Australia	Dr. Frank. Wong	Brasil	Dr. Dilmara Reischak
		China(PRO)	Dr. Hualan. Chen	Canada	Dr. Yohannes. Berhane ገገ
		India	Dr. Chakradhar. Tosh	Germany	Dr. Timm. C. Harder
		Japan	Prof. Yoshihiro. Sakoda	Italy	Dr. Isabella. Monne
		Korea(RO)	Dr. Youn-Jeong. Lee	UK	Prof. Ian. Brown
-		-	USA	Dr. Mia. Torchetti	
-		-	Russia	Dr. Viktor. N. Irza	
Duck virus hepatitis	-	-	-	-	

	Fowl typhoid	-	-	-	-
	Pullorum disease	-	-	-	-
	Infectious bursal disease	China(PRO)	Dr. Xiaomei. Wang	France	Dr. Nicolas. Etteradossi
	Infection with Newcastle disease virus	Australia	To be decided	Brasil	Dr. Dilmara. Reischak
		China(PRO)	Dr. Zhiliang. Wang	Germany	Dr. Christian. Grund
		Korea(RO)	Dr. Ji-Ye. Kim	Italy	Dr. Isabella. Monne
		-	-	UK	Prof. Ian. Brown
		-	-	USA	Dr. Mía. Torchetti
		-	-	Russia	Dr. Viktor. N. Irza
	Marek's disease			UK	Dr. Nair. Venugopal
dieBovidae	Bovine anaplasmosis	-	-	Mexico	Dr. Juan. Joel. Mosqueda. Gualito
	Bovine babesiosis	Japan	Prof. Naoaki. Yokoyama	-	-
	Bovine genital campylobacteriosis	-	-	Netherlands	Dr. Jaap. Wagenaar
	Bovine spongiform encephalopathy	Japan	Dr. Yoshifumi. Iwamaru	UK	Dr. John. Spiropoulos
		-	-	Canada	Dr. Stefanie. Czub
		-	-	Italy	Dr. Cristina. casalone
		-	-	Espana	Dr. Juan. José. Badiola. Diez
		-	-	Switzerland	Prof. Torsten. Seuberlich
	Bovine tuberculosis	-	-	Argentina	Dr. Bernardo. Alonso
		-	-	France	Dr. María. Laura. Boschirolí-Cara
		-	-	UK	Prof. Glyn. Hewinson
	Bovine Viral Diarrhoea	Australia	Dr. Peter. Kirkland	Canada	Dr. Oliver. Lung
		-	-	UK	Dr. Rebecca. Strong
	Contagious bovine pleuropneumonia			Botswana	Dr Chandapiwa Marobela Raborokgwe
				France	Dr François Thiaucourt
				Italy	Dr Massimo Scacchia
				Portugal	Dr Ana Rosa Pombo Botelho

	Enzootic bovine leucosis	-	-	Poland	Dr. Jacek. Kuzmak
		-	-	UK	Dr. Bhudipa. Choudhury
	Haemorrhagic septicaemia (Pasteurella multocida)	-	-	-	-
	Infectious bovine rhinotracheitis Infectious pustular vulvovaginitis	-	-	Germany	Dr. Martin. Beer
		-	-	UK	Dr. Akbar. Dastjerdi
	Lumpy skin disease	-	-	S. Africa	Dr. David. Wallace
		-	-	UK	Dr. Pip. Beard
	Theileriosis	-	-	Italy	Dr. Alessandra. Torina
	Trichomonosis	-	-	-	-
Trypanosomosis (tsetse-transmitted)	-	-	France	Dr. Marc. Desquesnes	
Trypanosomosis of African origin					
<b>Equinae</b>	Infectious with African horse sickness virus	-	-	S. Africa	Dr. Baratang. Alison. Lubisi
		-	-	Espana	Dr. Montserrat. Agüero. Garcia
		-	-	Espana	Dr. José. Manuel. Sanchez-Vizcaino
		-	-	UK	Dr. Simon. Carpenter
	Contagious equine metritis	-	-		
		-	-	UK	Dr. Ian. Mawhinney
		-	-	USA	Dr. Matthew. M. Erdman
	Dourine	-	-		
		-	-	France	Dr. Laurent. Hébert
	Equine encephalomyelitis	-	-	USA	To be Decided
	Equine infectious anaemia	China(PRO)	Dr. Xiaojun. Wang	USA	To be Decided
				Italy	Dr. Maria. Teresa. Scicluna
	Infection with equine influenza virus	-	-	Ireland	Prof. Ann. Cullinane
		-	-	USA	Dr. Thomas. M. Chambers
	Equine piroplasmosis	Japan	Prof. Naoaki. Yokoyama		
Equine rhinopneumonitis	-	-	Ireland	Prof. Ann. Cullinane	



		-	-	USA	Dr. Peter. Timoney
	Infection with equid herpesvirus-1	-	-	-	-
	Infection with equine arteritis virus	-	-	UK	Prof. Falko. Steinbach
		-	-	USA	Dr. Peter. Timoney
	Glanders	-	-	Germany	Dr. Heinrich. Neubauer
		-	-	UAE	Prof. Ulrich Wernery
		-	-	France	Dr Karine Laroucau
	Venezuelan equine encephalomyelitis	-	-	USA	To be Decided
<b>Leporidae</b>	Myxomatosis	-	-	Italy	Dr. Antonio. Lavazza
	Rabbit haemorrhagic disease	-	-	Italy	Dr. Lorenzo. Capucci
<b>Caprinae</b>	Caprine arthritis / encephalitis	-	-	-	-
	Contagious agalactia	-	-	UK	Dr. Anne. Ridley
		-	-	Italy	Dr. Guido. Loria
	Contagious caprine pleuropneumonia	-	-	France	Dr. François. Thiaucourt
		-	-	Turkey	Dr. Umit. Sevimli
	Infection with Chlamydophila abortus	-	-	-	-
	Maedi-visna	-	-		
	Ovine epididymitis	-	-	Argentina	Dr. Ana. Maria. Nicola
		-	-	France	Dr. Claire. Ponsart
		-	-	Italy	Dr. Fabrizio. De Massis
		-	-	UK	Dr. Adrian. Whatmore
	Ovine theileriosis	China(PRO)	Prof. Hong. Yin	-	-
	Infection with peste des petits ruminants virus	China(PRO)	Dr. Zhiliang. Wang	France	Dr. Geneviève. Libeau
		-	-	UK	Dr. Michael. Baron
	Scrapie	-	-	Argentina	Dr. F.J. Blanco
-		-	Canada	Dr. Gordon. Mitchell	
-		-	Italy	Dr. Cristina. Casalone	

		-	-	Espana	Dr. Juan. José. Badiola. Diez
		-	-	Switzerland	Prof. Torsten. Seuberlich
		-	-	UK	Dr. John. Spiropoulos
	Enzootic abortion of ewes	-	-	France	Dr. Karine. Laroucau
		-	-	Germany	Dr. Christiane. Schnee
		-	-	Switzerland	Dr. Nicole. Borel
	Sheep pox and goat pox	Iran	Dr. Hamid. Reza. Varshovi	S. Africa	Dr. Baratang Alison Lubisi
		-	-	UK	Dr. Pip Beard
<b>Suidae</b>	African swine fever	Australia	Dr. David. Williams	S. Africa	Dr. Livio. Heath
		-	-	Espana	Dr. José. Manuel. Sanchez-Vizcaino
		-	-	UK	Dr. Linda. Dixon
	Infection with classical swine fever virus	Japan	Dr. Katsuhiko. Fukai	Canada	Dr. Aruna. Ambagala
		Australia	Dr. Trevor. Drew	Germany	Prof. Paul. Becher
		China(PRO)	Prof. Qin. Wang	Poland	Dr. Katarzyna. Podgórska
		C.Taipei	Dr. Chia-yi. Chang	UK	Dr. Helen. Crooke
		-	-	Espana	Dr. Lilianne. Ganges
	Swine influenza	Japan	Dr. Takehiko. Saito	Italy	Dr. Chiara. Chiapponi
		-	-	UK	Prof. Ian. Brown
		-	-	USA	To Be Decided
	Swine streptococcosis	China	Prof. Chengping. Lu	-	-
	Swine vesicular disease	-	-	Italy	To Be Decided
		-	-	UK	Dr. Donald. King
	Infection with Taenia solium (Porcine cysticercosis)	China(PRO)	Dr. Xuenong. Luo	-	-
	Transmissible gastroenteritis	-	-	-	-
	Porcine reproductive and respiratory syndrome	China(PRO)	Dr. Kegong. Tian	Poland	Dr. Katarzyna. Podgórska
	Hendra and Nipah virus diseases	Australia	Dr. Kim. Halpin	-	-
	<b>Other</b>	Camelpox	-	-	UAE

	Leishmaniosis	-	-	Italy	Dr. Fabrizio. Vitale
	Chronic wasting disease	Korea(RO)	Dr. Hyun-Joo. Sohn	Canada	Dr. Gordon. Mitchell
		-	-	Norway	Dr. Sylvie. L. Benestad
	Brucella canis			UAE	Prof. Ulrich Wernery
	Middle East respiratory syndrome			UAE	Prof. Ulrich Wernery
<b>Non-disease</b>	Antimicrobial resistance	-	-	UK	Dr. Chris. Teale

OIE listed diseases with no RL, Non OIE listed diseases,

## List of OIE Collaborating Centres

Source: [List of Collaborating Centres](#) (OIE website), As of 2021/2

Title	Asia and the Pacific	Other region
	Nations	Nations
Animal Diseases Surveillance Systems, Risk Analysis and Epidemiological Modelling		USA
Animal Feed Safety and Analysis	Japan	
Animal Production Food Safety		Italy
Animal Welfare		Italy
Animal Welfare and Livestock Production Systems		Mexico, Uruguay, Chile
Animal Welfare Science and Bioethical Analysis; the David Bayvel Consortium	Australia (4) New Zealand (3)	
Bee Health in Africa		Kenya
Biological Threat Reduction		USA
Continuing Education and Veterinary Capacity Building		Tunisie
Control of Veterinary Drugs in West and Central Africa		Senegal
Day-One Veterinary Competencies and Continuing Education		USA
Detection and Identification in Humans of Emerging Animal Pathogens and Development of Tools for their Diagnoses		France
Development and Production of Vaccines, Pharmaceutical Products and Veterinary Diagnostic Systems using Biotechnology		Cuba
Diagnosis and Control of Animal Diseases and Related Veterinary Product Assessment in Japan	Japan (2)	
Diagnosis and Control of Animal Disease in Eastern Europe, Central Asia and Transcaucasia		Russia
Diagnosis of Animal Diseases and Vaccine Evaluation in the Americas		USA
Diagnosis, Epidemiology and Control of Animal Diseases in Tropical Regions		France
Diagnostic Test Validation Science in the Asia-Pacific Region	Australia (2) New Zealand	
Diseases at the Animal/Human Interface		Italy
ELISA and Molecular Techniques in Animal Disease Diagnosis		Austria
Emerging and Re-Emerging Zoonotic Diseases		USA
Emerging Aquatic Animal Diseases		UK
Epidemiology and Risk Assessment of Aquatic Animal Diseases (Americas)		Canada
Epidemiology, Training and Control of Emerging Avian Diseases (Europe)		Norway

Epidemiology, modelling and surveillance		Italy
Epidemiology, Training and Control of Emerging Avian Diseases		Italy
Food Safety	Singapore, Japan (2)	
Food Safety, Diagnosis and Control of Animal Diseases in Eastern Europe, Central Asia and Transcaucasus		Russia
Food-Borne Parasites from the Asia-Pacific Region	China(PRO)	
Food-Borne Zoonotic Parasites		Canada
Food-Borne Zoonotic Parasites from the European Region		France
Health of Marine Mammals		Italy, Spain
Infectious Reproductive Diseases in Europe		France
Laboratory Animal Welfare and Science		USA
Laboratory Biorisk Management		USA
Laboratory Capacity Building	Australia	
New and Emerging Diseases	Australia	
Quality Control of Veterinary Vaccines		Ethiopia
Quality Management Systems		UAE
Reduction of the Risk of Disasters in Animal Health		Cuba
Research and control of emerging and re-emerging swine diseases in Europe		Espana
Research on Emerging Avian Diseases		USA
Research, Diagnosis and Surveillance of Wildlife Pathogens		USA, Canada
Risk Analysis and Modelling		UK(2)
Surveillance and Control of Animal Diseases in Africa		S. Africa
Surveillance and Control of Animal Protozoan Diseases	Japan	
Training in Integrated Livestock and Wildlife Health and Management		S. Africa
Training of Veterinary Services		Argentina
Training Official Veterinarians (Africa)		Senegal
Training Official Veterinarians (Europe)		France
Vaccine Evaluation in the Americas		USA (2)
Validation, Quality Assessment and Quality Control of Diagnostic Assays and Vaccine for V		Belgium

Respiratory Diseases in Europe		
Veterinary Biologicals Biobank		Italy
Veterinary Drug Regulatory Programmes		USA
Veterinary Epidemiology and Public Health	New Zealand, China	
Veterinary Medicinal Products		France
Veterinary Public Health		Brazil
Veterinary Services Capacity Building (Americas)		USA
Veterinary Services Capacity Building (Asia, the Far East and Oceania)	Thailand (2)	
Veterinary Training and Capacity Building		Italy
Viral Genomics and Bioinformatics		UK
Zoonoses in Europe		Germany
Zoonoses of Asia-Pacific	China(PRO)	