

## EURL news

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News related to the EURL activities

### Technical Report for 2014

Each year, the EURL is in charge of elaborating a technical report detailing all rabies activities undertaken and their outputs in the frame of the regulations No 737/2008 and 415/2013. ...[Read more](#)

### Less than one month before 7th workshop for rabies for EU NRLs!

The rabies EURL annual meeting will gather 55 people. This meeting will bring together National Reference Labs from Member States and from third countries bordering EU, including those from North Africa. On the first half-day, presentations will focus on the techniques relative to oral vaccination control and rabies update from several participating countries. On the second half-day, ...[Read more](#)

### Annual inter-laboratory test for rabies diagnosis

A panel of 9 brain samples will be sent to all laboratories on the same day and under the same conditions. Date of shipment is 1st June 2015. Laboratories which have sent all documents (import permit when needed, and unilateral commitment fully initialled, signed and stamped) before this date will receive the panel. In order to respect the time schedule and to have all results included in the final report, ...[Read more](#)

## News from laboratories

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News related to the EURL for rabies laboratory network

### Death of Pr. Pastoret

Pr. Paul Pierre Pastoret, professor of Virology at the Veterinary Faculty of Liège (Belgium), sadly died this month. He was very world widely known in the veterinary community. At the end of the 1980s, he has initiated the development of the recombinant Vaccinia-Rabies virus vaccine and its use in the field for oral vaccination of wildlife in Belgium. He worked closely with the rabies scientists of Anses-Nancy to organize field trials of oral vaccination at borders and in research projects. He is one of the key scientists as regards the vulpine rabies elimination in Belgium in 2001 and is internationally ...[Read more](#)

### World Veterinary Day Award 2015

[Relayed from the OIE website] World Veterinary Day was instigated by the World Veterinary Association (WVA) in 2000 to be celebrated annually on the last Saturday of April. In 2008 the WVA and the World Organisation for Animal Health (OIE) agreed on the creation of the World Veterinary Day Award aimed at rewarding the most successful celebration of the contribution of the veterinary profession to society. The winner of the 2015 Award will be ...[Read more](#)

## In the spotlight

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Focuses on a specific event or presents a laboratory of the EURL network

### Croatian National Reference Laboratory for Rabies

The Laboratory for Rabies is one of the three laboratories in the department of virology at Croatian Veterinary Institute. Since 2011 Laboratory is recognized as a National Reference Laboratory for Rabies. The laboratory is also a EU approved laboratory for serological testing regarding rabies in dogs, cats and ferrets in the frame of pets travel. Main laboratory routine activities are connected with rabies surveillance and rabies monitoring programs. Monitoring program is conducted as a part of oral vaccination campaigns which has been started in 2011. ...[Read more](#)

# Agenda

Forthcoming events

## 2015

5-8 May		Partners for Rabies Prevention meeting 2015, Wolfsberg (Switzerland)
24 May	NEW	83rd General Session of the World Assembly of OIE Delegates, Paris (France)
27-28 May		7th Workshop for rabies EU NRL, Zagreb (Croatia)
9-11 June		Pan-African Rabies Conference ( <a href="#">GARC</a> and <a href="#">PARaCON</a> ), Johannesburg (South Africa)
8-10 July		Infectious Diseases World Summit 2015, Boston, MA (USA)
14-17 August		3rd International Southeast Asian Bat Conference, Sarawak (Malaysia)
18-20 August	NEW	World Congress and Expo on Applied Microbiology, Frankfurt, (Germany)
24-26 August	NEW	ICEID - International Conference on Emerging Infectious Diseases, Atlanta, GA, (USA)
31 Aug.-2 Sept.		OMICS Group Global American Veterinary Summit, Florida (USA)
31 Aug.-3 Sept.	NEW	Xth International Congress of Veterinary Virology (ESVV), Montpellier, (France)
13-17 Sept.	NEW	32e Global veterinary Congress, Istanbul (Turkey)
28 September		World Rabies Day 2015
28-30 Sept.		Annual Conference of the German Genetics Society, Kiel University, (Germany)
4-8 October		26th International Conference on Rabies in the Americas (RITA), Fort Collins, Co., (USA)
November		11th REMESA Joint Permanent Committee meeting, (Algeria)
10-11 Dec.		Global Rabies Conference (FAO, GARC, OIE, WHO), Geneva, (Switzerland)

## Rabies notifications

25 Apr 2015 ★ France (ex Mali)

<http://www.natureworldnews.com/articles/14324/20150425/158-healthcare-workers-exposed-rabies-france-first-case-over-decade.htm>

25 Apr 2015 ★ United Kingdom

<http://www.irishtimes.com/news/health/suspected-rabies-patient-in-ni-hospital-being-tested-1.2188338>

**Ec.europa.eu website rabies notifications**

(Total cases of rabies reported from 01/01/2015 to 27/04/2015)

[http://ec.europa.eu/food/animal/diseases/adns/adns\\_outbreaks\\_per\\_disease\\_en.pdf](http://ec.europa.eu/food/animal/diseases/adns/adns_outbreaks_per_disease_en.pdf) (This link is also valid for other diseases).

## Rabies publications

A selection of publications on rabies, diagnosis, virology and vaccinology.

### Animal and human rabies

**Report of the sixth meeting of the International coordinating group of the World Health Organization and the Bill & Melinda Gates foundation project on eliminating human and dog rabies, Durban, South Africa, 22–24 September 2014.**

[Anonyme, World Health Organization, 2015, WHO/HTM/NTD/NZD/2015.3, 40 p.](#)

[http://apps.who.int/iris/bitstream/10665/151809/1/WHO\\_HTM\\_NTD\\_NZD\\_2015.3\\_eng.pdf?ua=1](http://apps.who.int/iris/bitstream/10665/151809/1/WHO_HTM_NTD_NZD_2015.3_eng.pdf?ua=1)

**Rabies post-exposure prophylaxis: assessing costs and benefits.**

[Dumas F.R., PharmacoEconomics & Outcomes News, 2015, 725, n°1, p 26.](#)

<http://rd.springer.com/article/10.1007/s40274-015-2040-y>

**Estimating the global burden of endemic canine rabies.**

[Hampson K. et al., Plos Negl. Trop. Dis., 2015, 9, n°4, e0003709.](#)

<http://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0003709>



**Public health order helps protect the public from Australian Bat Lyssavirus.**

Spencer R. et al., Austral. New Zeal. J. Public Health, 2015, 3 p.  
<http://onlinelibrary.wiley.com/doi/10.1111/1753-6405.12353/abstract>

**Diagnosis, virology and vaccinology**

**A cross sectional study - Intradermal versus intramuscular anti rabies prophylaxis.**

Aggarwal S. et al., J. Res. Med. Dental Sci., 2015, 3, n°1, pp 31-34.  
<http://www.scopemed.org/?mno=180747>

**Current perspectives on rabies postexposure prophylaxis.**

Blaise A. et al, Infect Disord Drug Targets, 2015, under press  
<http://www.ncbi.nlm.nih.gov/pubmed/25809623>

**Severe ketoalkalosis as initial presentation of human rabies imported in France.**

Contou D. et al., J. Clin. Microbiol., 2015, under press.  
<http://jcm.asm.org/content/early/2015/04/02/JCM.00219-15.abstract>

**A bivalent, chimeric rabies virus (RABV) expressing simian immunodeficiency virus (SIV) envelope induces multi-functional antibody responses.**

Dunkel A. et al., AIDS Res Hum Retroviruses, 2015, under press.  
<http://online.liebertpub.com/doi/10.1089/AID.2014.0319>

**Immunogenic virus-like particles continuously expressed in mammalian cells as a veterinary rabies vaccine candidate.**

Fontana D. et al., Vaccine, 2015, sous presse.  
<http://www.ncbi.nlm.nih.gov/pubmed/25869890>

**Novel approaches to the prevention and treatment of rabies.**

Gnanadurai C.W. et al., Int. J. Viral Stud., 2015, 3, n°1, pp 8-16.  
<http://scidoc.org/IJVS-2330-0027-03-101.php>

**Immune response following postexposure rabies prophylaxis.**

Gozdas H.T. et al., Hum. Vacc. Immunother., 2015, under press.  
<http://www.tandfonline.com/doi/abs/10.1080/21645515.2015.1026525?journalCode=khvi20>

**Rabies vaccine.**

Gupta M., Reactions Weekly, 2015, 1546, n°1, p 176.  
<http://rd.springer.com/article/10.1007/s40278-015-9515-2>

**Evolutionary trends of European bat lyssavirus type 2 including genetic characterization of Finnish strains of human and bat origin 24 years apart.**

Jakava-Viljanen M. et al., Arch. Virol., 2015, sous presse.  
<http://rd.springer.com/article/10.1007/s00705-015-2424-0/fulltext.html>

**First report on the efficiency of oral vaccination of foxes against rabies in Serbia.**

Lupulovic D. et al., Zoon. Public Health, 2015, under press.  
<http://onlinelibrary.wiley.com/doi/10.1111/zph.12196/abstract>

**Evaluation of intradermal vaccination at the anti rabies vaccination OPD.**

Mankeshwar R. et al., Nepal Med. Coll. J., 2014, 16, n°1, pp 68-71.  
<http://www.ncbi.nlm.nih.gov/pubmed/25799816>

**Population genetic structure of serotine bats (Eptesicus serotinus) across Europe and implications for the potential spread of bat rabies (European bat lyssavirus EBLV-1).**

Moussy C. et al., Heredity, 2015, under press.  
<http://www.nature.com/hdy/journal/vaop/ncurrent/full/hdy201520a.html>

**Evaluation of two rapid diagnostic tests for rabies diagnosis under field and laboratory conditions in Nigeria.**

Mshelbwala P.P. et al., Vaccines & Vaccination, 2015, 6, n°2, pp 1-5.  
[http://omicsonline.org/vaccines-vaccination-abstract.php?abstract\\_id=43590](http://omicsonline.org/vaccines-vaccination-abstract.php?abstract_id=43590)

**Evaluation of rapid neutralizing antibody detection test against rabies virus in human sera.**

Nguyen K.A. et al., Trop. Med. Health, 2015, under press.  
[http://www.jstage.jst.go.jp/article/tmh/advpub/0/advpub\\_2014-35/pdf](http://www.jstage.jst.go.jp/article/tmh/advpub/0/advpub_2014-35/pdf)

**Detection of rabies antibodies in dog sera.**

Ondrejko A. et al., Polish J. Vet. Sci., 2015, 18, pp 47-51.  
<http://www.degruyter.com/view/j/pjvs.2015.18.issue-1/pjvs-2015-0006/pjvs-2015-0006.xml>

**Rabies: understanding neuropathology and management.**

Sharma P. et al., Int. J. Health Sci. Res., 2015, 5, n°4, pp 320-332.  
<http://www.scopemed.org/?mno=184328>

**Rabies vaccine preserved by vaporization is thermostable and immunogenic.**

Smith T.G. et al., Vaccine, 2015, sous presse.  
<http://www.ncbi.nlm.nih.gov/pubmed/25812841>

**Concentration and purification of rabies viral and lentiviral vectors.**

Sullivan H.A. et al., Cold Spring Harbor Prot., 2015, n°4.  
<http://www.ncbi.nlm.nih.gov/pubmed/25834256>

**A recombinant rabies virus expressing a phosphoprotein-eGFP fusion is rescued and applied to the rapid virus neutralization antibody assay.**

Tang H.B. et al., J. Virol. Meth., 2015, under press.  
<http://www.ncbi.nlm.nih.gov/pubmed/25845623>

**Rabies viral vectors for monosynaptic tracing and targeted transgene expression in neurons.**

Wickersham I.R. et al., Cold Spring Harbor Prot., 2015, n°4.  
<http://www.ncbi.nlm.nih.gov/pubmed/25834254>

**Cell-type specific hippocampal circuit mapping by genetically modified rabies virus.**

Xu X., FASEB J., 2015, 29, n°1.  
[http://www.fasebj.org/content/29/1\\_Supplement/214.2.short](http://www.fasebj.org/content/29/1_Supplement/214.2.short)

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