

9th workshop of the National Reference Laboratories (NRLs) for *Listeria monocytogenes*



instituto nacional de
investigação agrária e veterinária
(National Institute for Agrarian and Veterinary Research)



Changes in the NRL for *Listeria monocytogenes*
Portugal



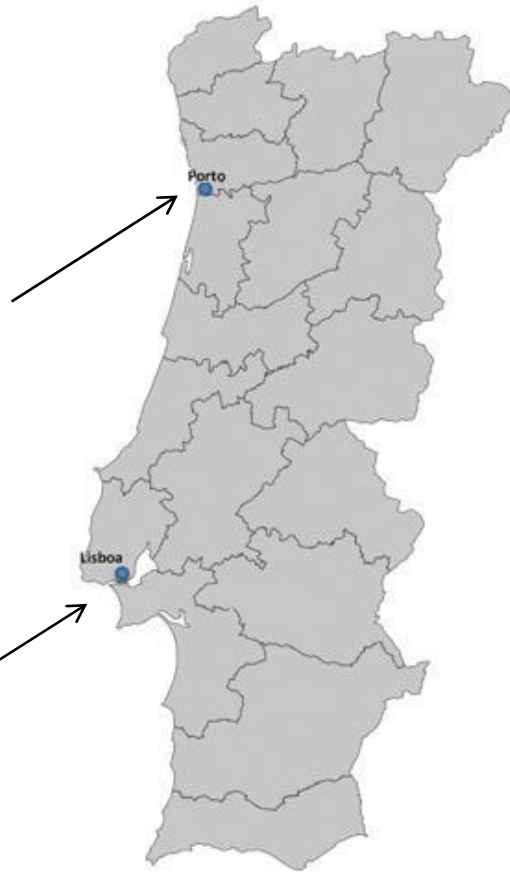
GOVERNO DE
PORTUGAL

MINISTÉRIO DA AGRICULTURA
E DO MAR



The past

LNIV



Created in 1913 with the objective of studying the animal diseases that were arising at that time.



The past

Joint between labs



Created in 2007 with the objective to aggregate the areas of Veterinary, Agriculture, sea and fishery.



2012



State Laboratory for the Ministry of Agriculture and Sea (MAM)



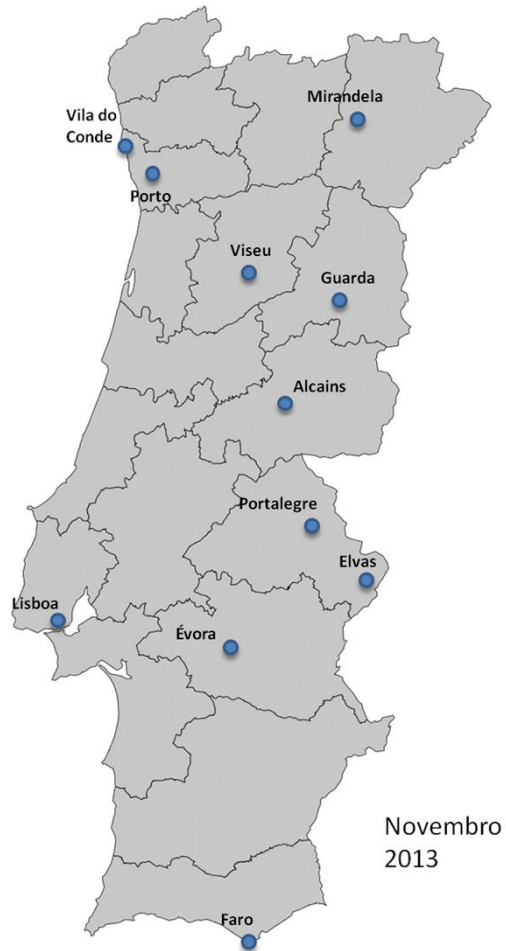
2012

- **Government decision to reduce costs and increase productivity:**
 - Avoid duplication of methods in small state labs
 - Only 1 lab distributed on key locations
 - Reduce the number of laboratories in all Ministry
 - Technical support and scientific advice (*working groups, opinion groups, etc.*)
 - Faster analytical response
 - Centralize National Reference Laboratories

The INIAV's mission is the implementation of science policies and conducting research to support public policies in defense of national interests and the pursuit and deepening of the EU's common policies.

Labs from the MAM

2013



Novembro
2013

**12 laboratories
6 institutions**



2015



Janeiro
2015

**4 laboratories and
all in INIAV**



INIAV, I.P. in Portugal

- **Experimental Farms**

- Agriculture
- Wine

- **Laboratories**

- Veterinary
- Vegetables
- Wine





Food Microbiology Lab





Food Microbiology Lab/ NRL





Food Microbiology Lab

Until 2014

2015

ACTIVITIES

**Food Inspection Plan
(PIGA)**

**Airport and Seaport frontier analytical
Support
(PIF)**

NRL *Salmonella*

NRL *E. coli* STEC

NRL *Campylobacter*

**Food Inspection Plan
(PIGA)**

**Airport and Seaport frontier analytical
Support
(PIF)**

***Salmonella* National Surveillance Plan
(PNCS)**

NRL *Salmonella*

NRL *E. coli* STEC

NRL *Campylobacter*

NRL *Listeria monocytogenes*



Food Microbiology Lab

Until 2014

2015

Samples

Food from animal origin for human consumption

Feed for animals

PT's Samples

Food from animal and vegetable origin for human consumption

Feed for animals

Primary production

(Boot swabs, faeces, chick box liner)

PT's Samples



National Reference Laboratory (NRL)

Until 2014

- ✓ *Salmonella* sp.
- ✓ *Campylobacter* sp.
- ✓ *E. coli* STEC

2015

- ✓ *Salmonella* sp.
- ✓ *Campylobacter* sp.
- ✓ *E. coli* STEC
- ✓ *Listeria monocytogenes*



European Union Reference Laboratory

Listeria monocytogenes



Food Microbiology Lab/ NRL

Team members

Past

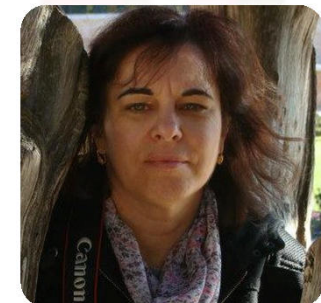
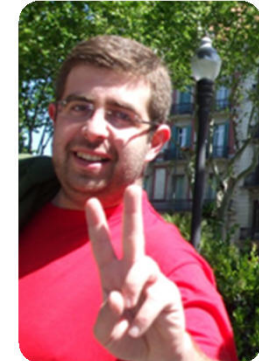
✓ 1 Technician



2015

✓ 5 Technicians

✓ 1 Technician (1 April)





National Reference Laboratory (NRL)

Participation in PT's:

•From EU-RL:

- ✓ *Salmonella* sp.
- ✓ ***Listeria monocytogenes* (2014)**
- ✓ *Campylobacter* sp.
- ✓ *E. coli* STEC

•Other's:

- ✓ **Food Law Scheme (PHE)**
- ✓ PT0088: *Salmonella* in poultry (VETQAS)



National Reference Laboratory **for *Listeria monocytogenes***

Future in 2015:

- Implement the NRL in the Lab activities for 2015
- Organize the activities for the NRL
- Audits and Support to laboratories that are executing process control samples
- Training



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THANKS FOR YOUR
ATTENTION