

**La multirésistance bactérienne  
aux antibiotiques dans les  
réseaux de l'ONERBA**

**Pathogènes animaux**



**Jean-Yves MADEC**

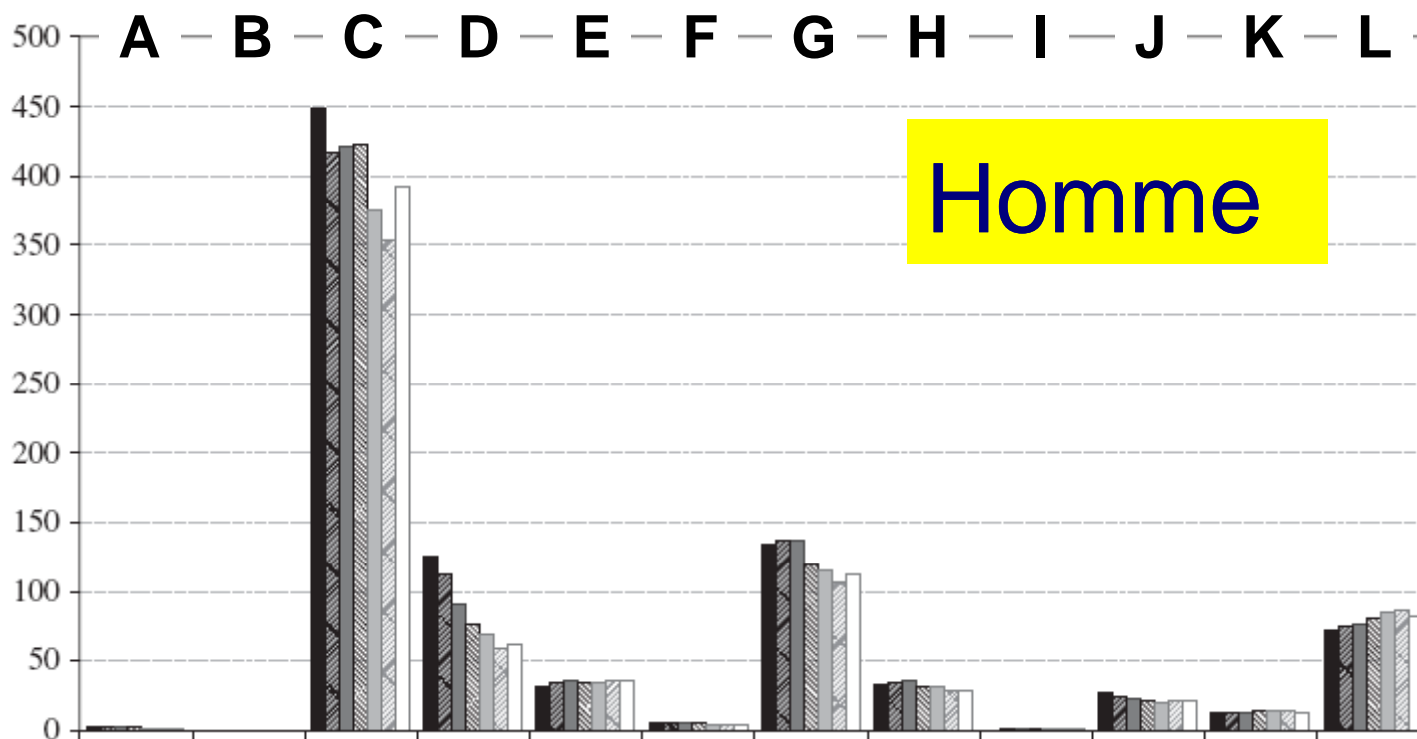
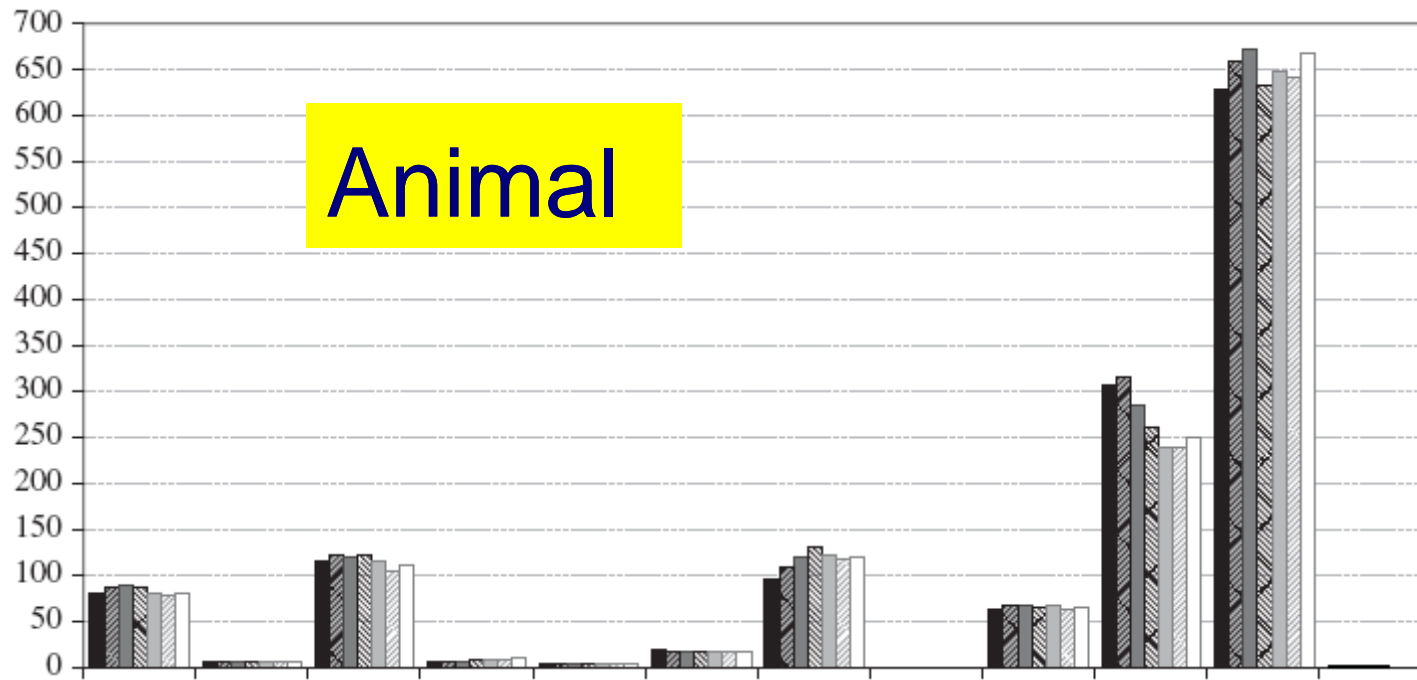
**Anses Lyon**

**pour le CS de l'ONERBA**

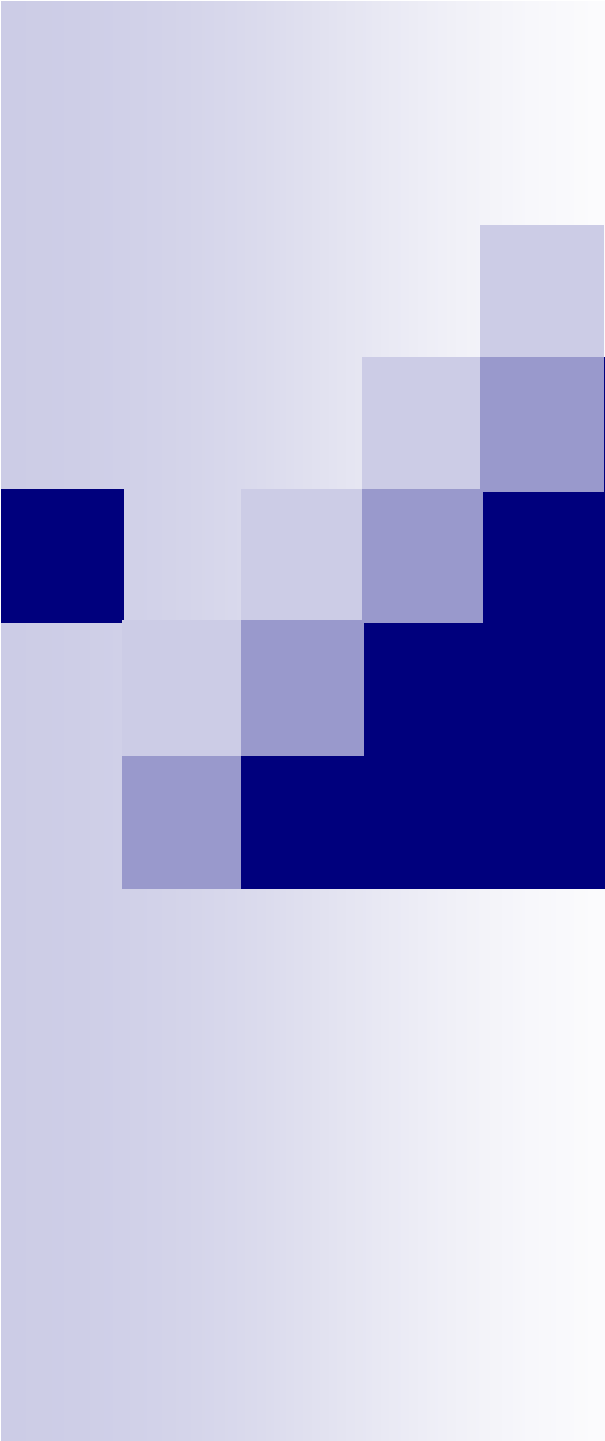
# Résapath

<http://www.resapath.anses.fr>

Filière	N	%
Bovins	7 464	31,4
Volailles	5 919	24,9
Chiens	3 706	15,6
Porcs	2 436	10,2
Lapins	1 459	6,1
Chats	779	3,3
Equidés	683	2,9
Ovins	508	2,1
Caprins	377	1,6
Autres (singe, tortue, serpent....)	329	1,4
Poissons	150	0,6
<b>Total</b>	<b>23 810</b>	



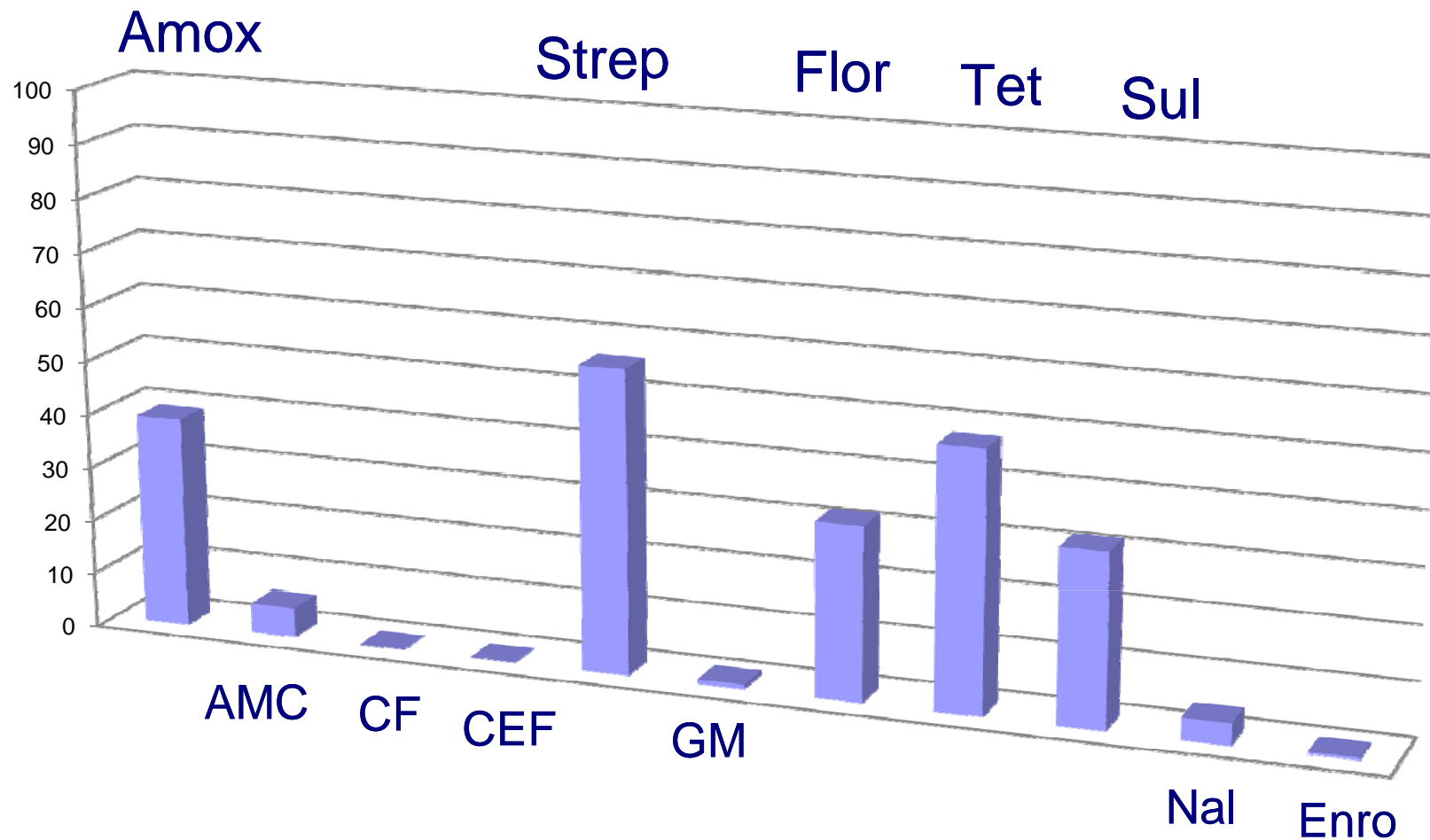
- A : Aminosides**
- B : Phénicolés**
- C : Pénicillines**
- D : Céphalosporines**  
Monobactames  
Carbapénèmes
- E : Fluoroquinolones**
- F : Quinolones**
- G : MLS**
- H : Furanes**
- I : Polymyxines**
- J : SXT**
- K : Tétracyclines**
- L : Autres antibio.**



# Des clones multirésistants

# Salmonella

## 2009



Données Résapath, Rapport d'activité 2009



*Antimicrobial  
R type*

	n	SGI1
ACSSuT	115	SGI1
ACSSuTNal	14	SGI1
ACSSuTtmp	8	SGI1
ACSSuTGm	2	SGI1 SGI1-B
ACSSuTNalGm	1	SGI1
ACSSuTtmpGm	1	SGI1
ACSSuTtmpK	1	SGI1
ASSu	1	SGI1-C
ASSuT	1	—
ASSuTtmp	1	—
AST	1	—
SSuTtmp	2	—

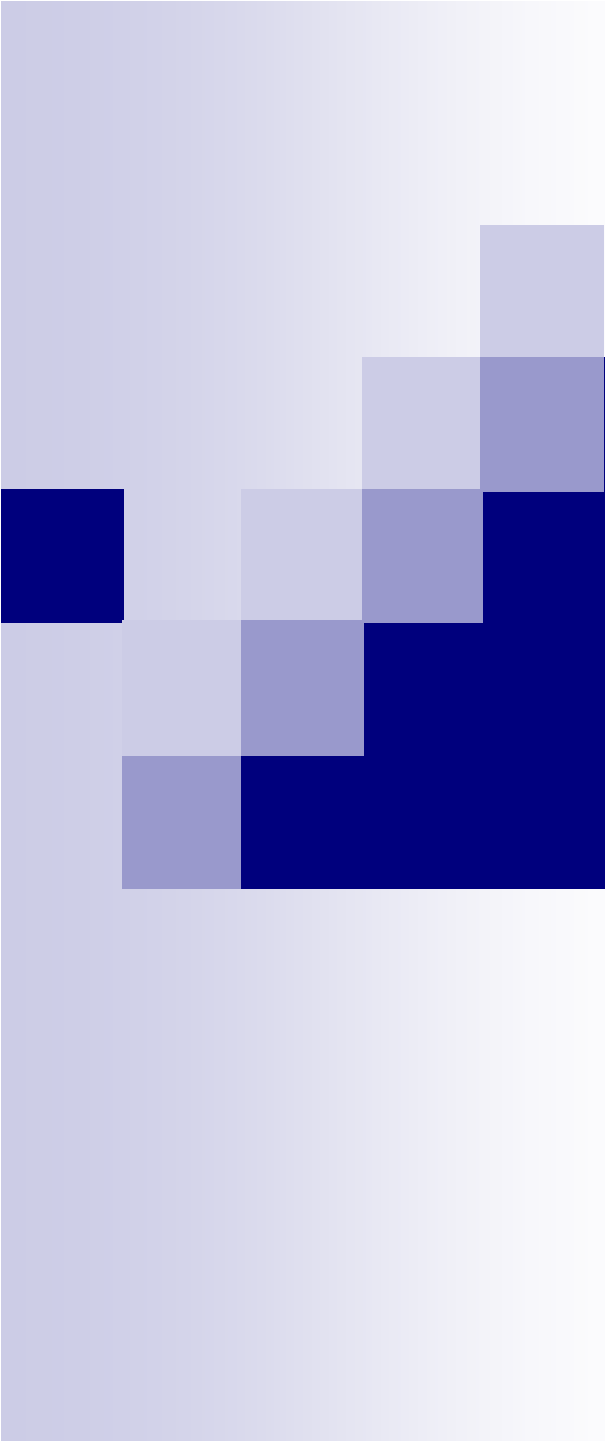
Characterization of Resistance Genes in Multidrug-Resistant  
*Salmonella enterica* Serotype Typhimurium Isolated  
from Diseased Cattle in France (2002 to 2007)

Hayette Targant<sup>1</sup>, Cécile Ponsin<sup>1</sup>, Christiane Brunet<sup>1</sup>, Benoît Doublet<sup>2</sup>,  
Axel Cloeckaert<sup>2</sup>, Jean-Yves Madec<sup>1</sup>, and Danièle Meunier<sup>1</sup>

*J Antimicrob Chemother*  
doi:10.1093/jac/dkq163

**IS6100-mediated genetic  
rearrangement within the complex  
class 1 integron In104 of the  
*Salmonella* genomic island 1**

Hayette Targant<sup>1</sup>, Benoît Doublet<sup>2</sup>, Frank M. Aarestrup<sup>3</sup>,  
Axel Cloeckaert<sup>2</sup> and Jean-Yves Madec<sup>1\*</sup>

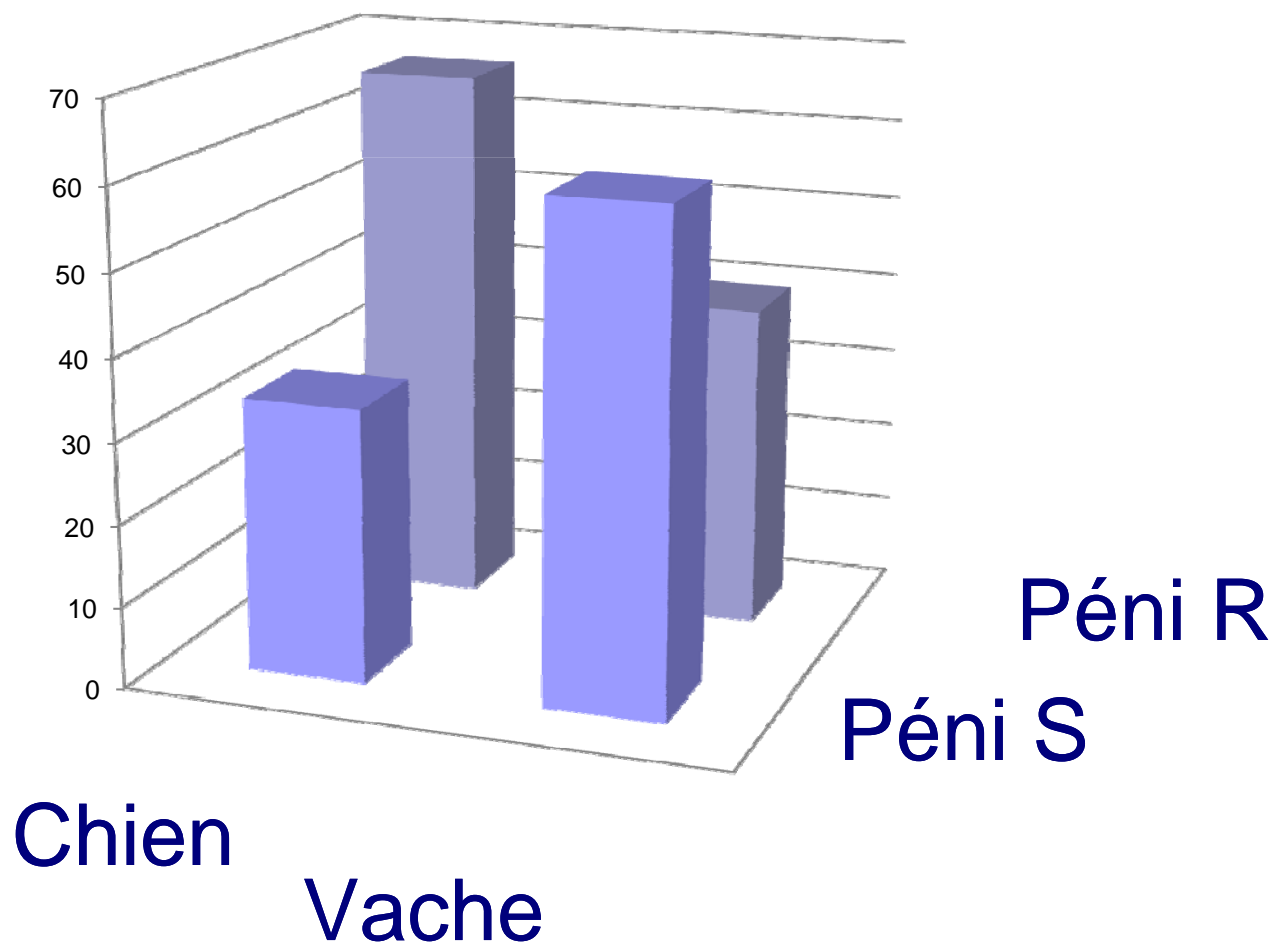


Multirésistance comparée:  
Animaux compagnie /  
Animaux de production

# *Staphylococcus spp*

(coagulase positive)

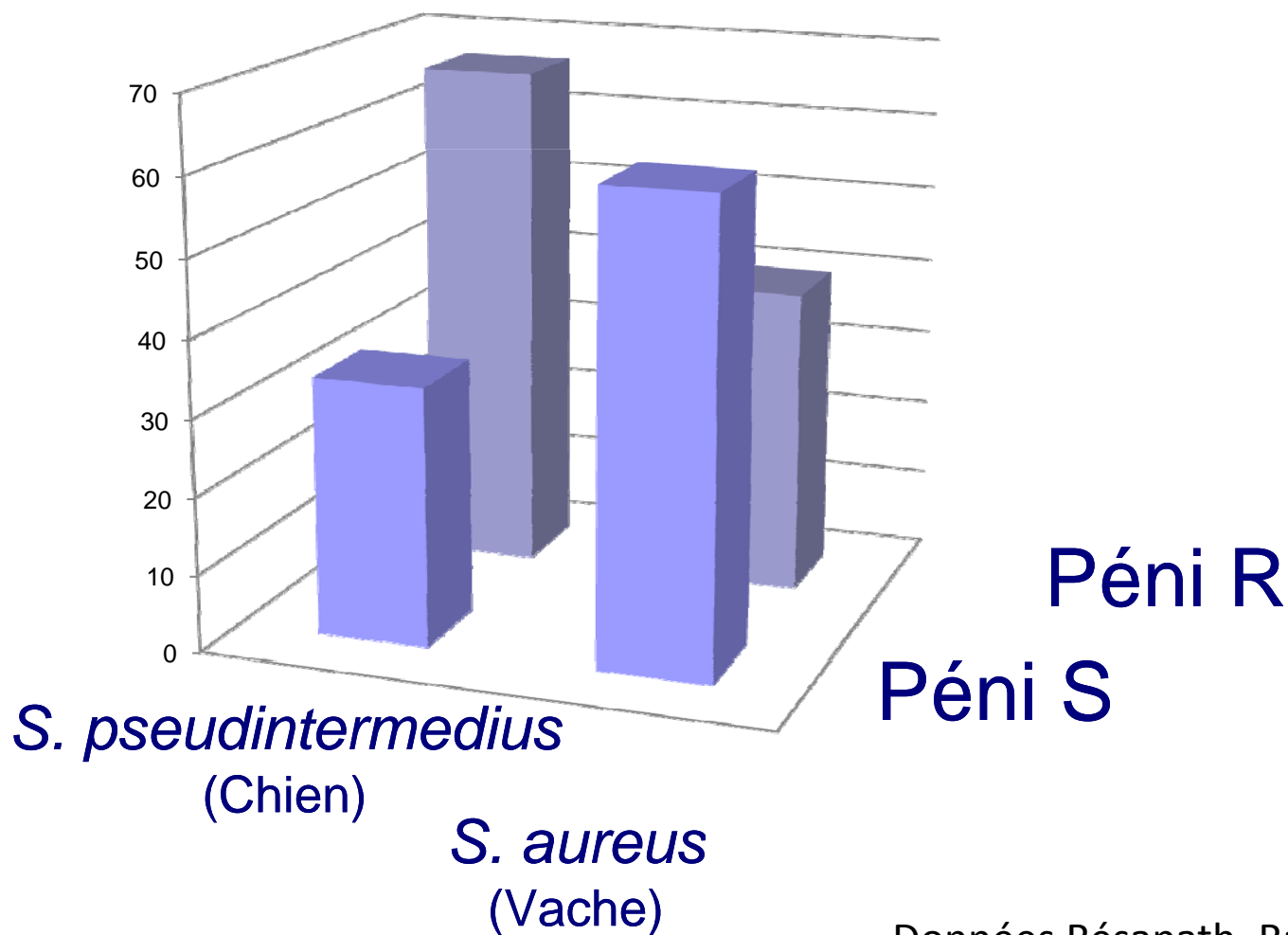
2009



# Staphylococcus spp

(coagulase positive)

2009

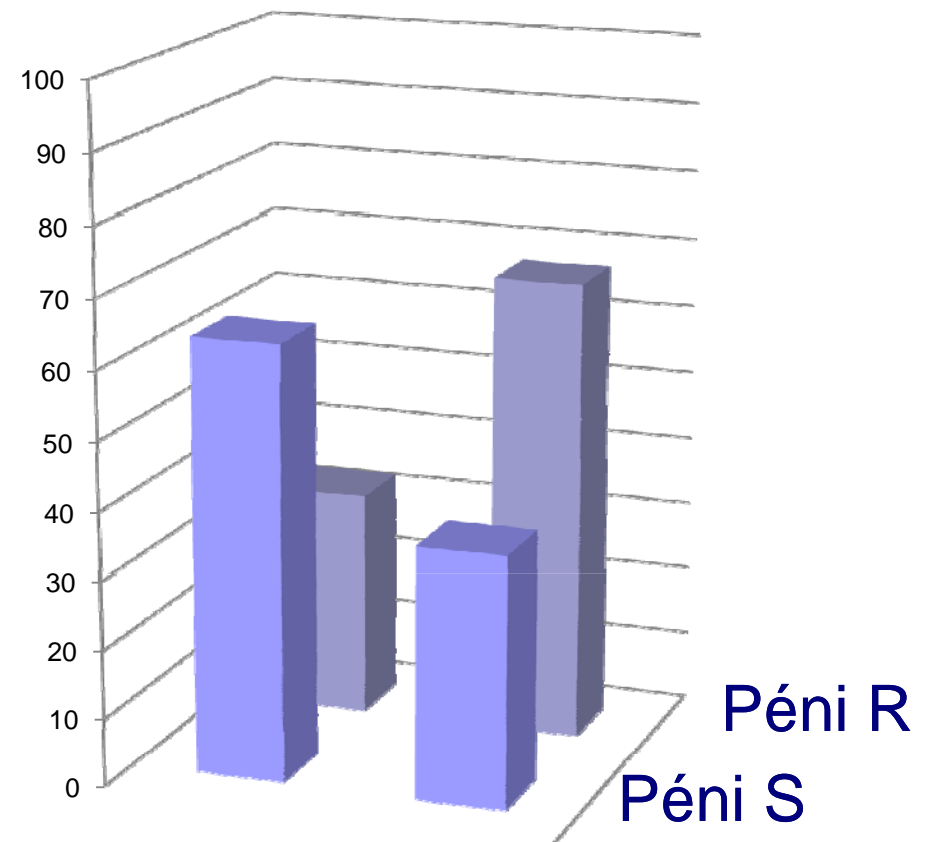
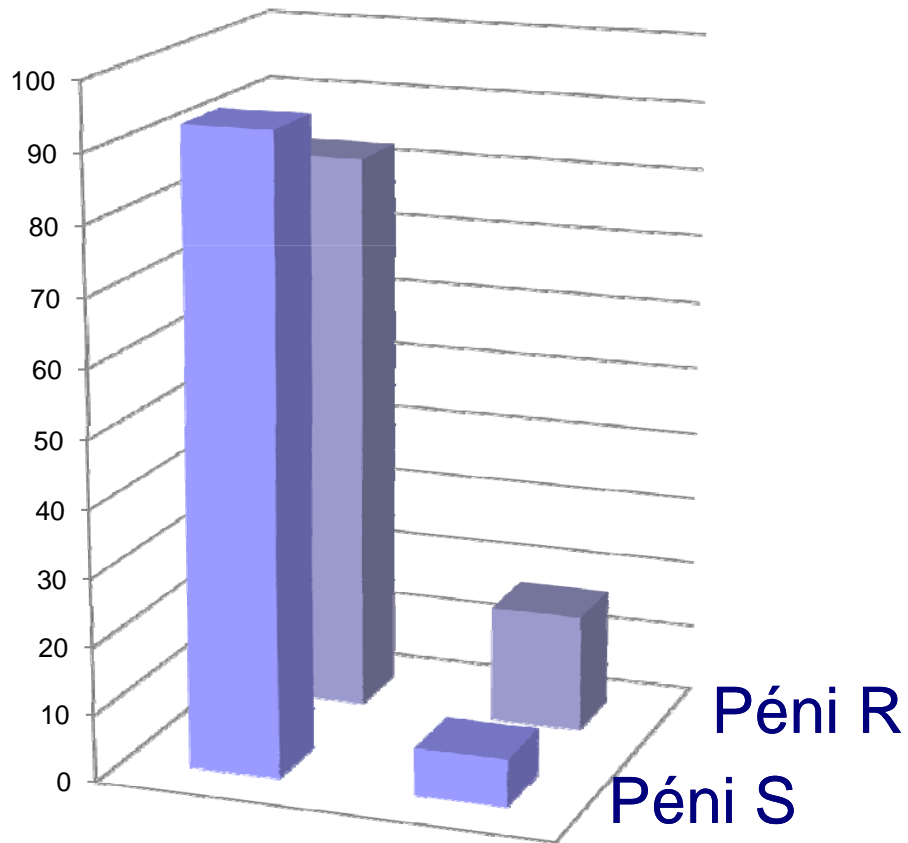


*S. aureus*  
(Vache)

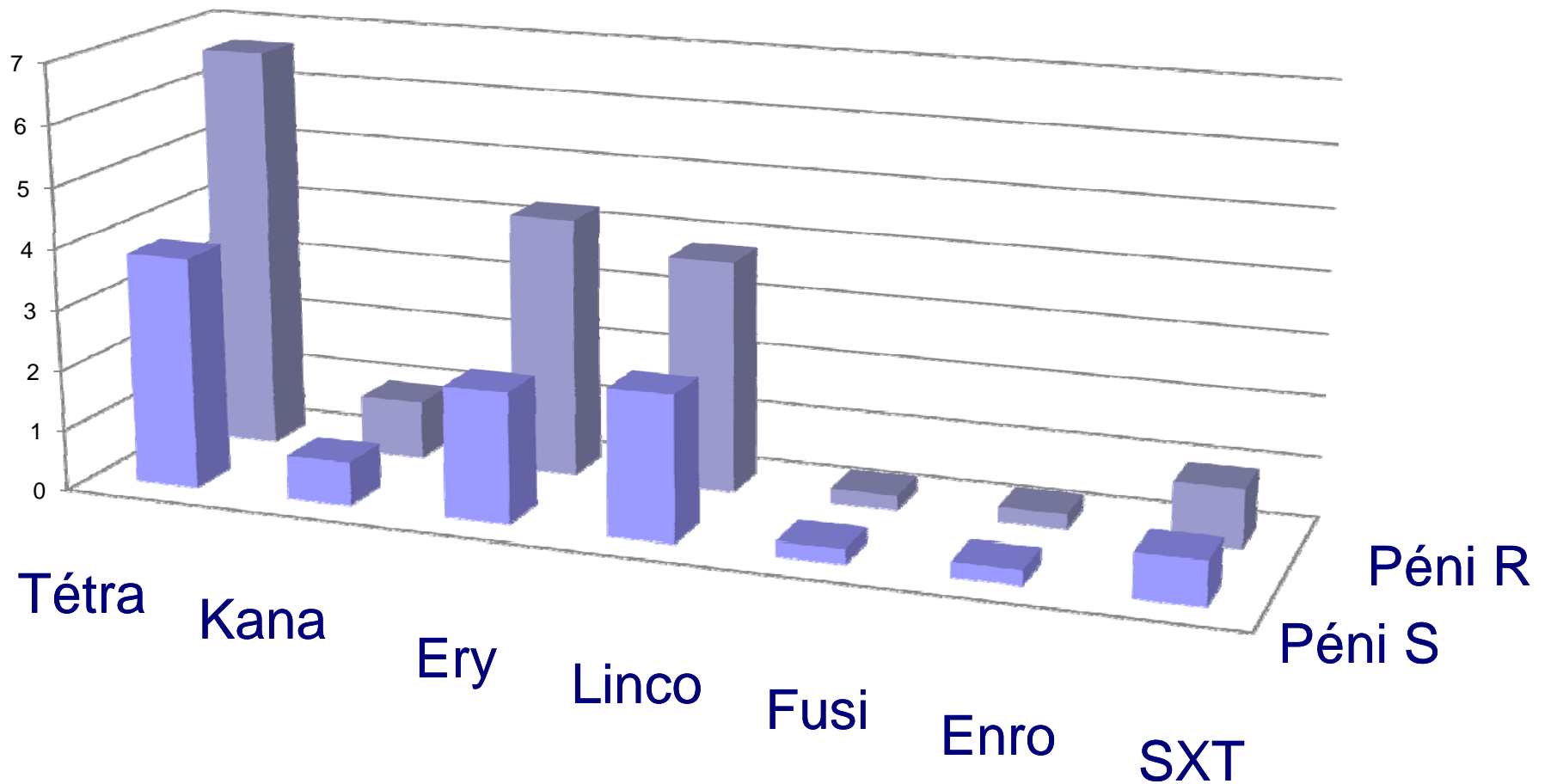
*S. pseudintermedius*  
(Chien)

**Aucun > 1 ATB**

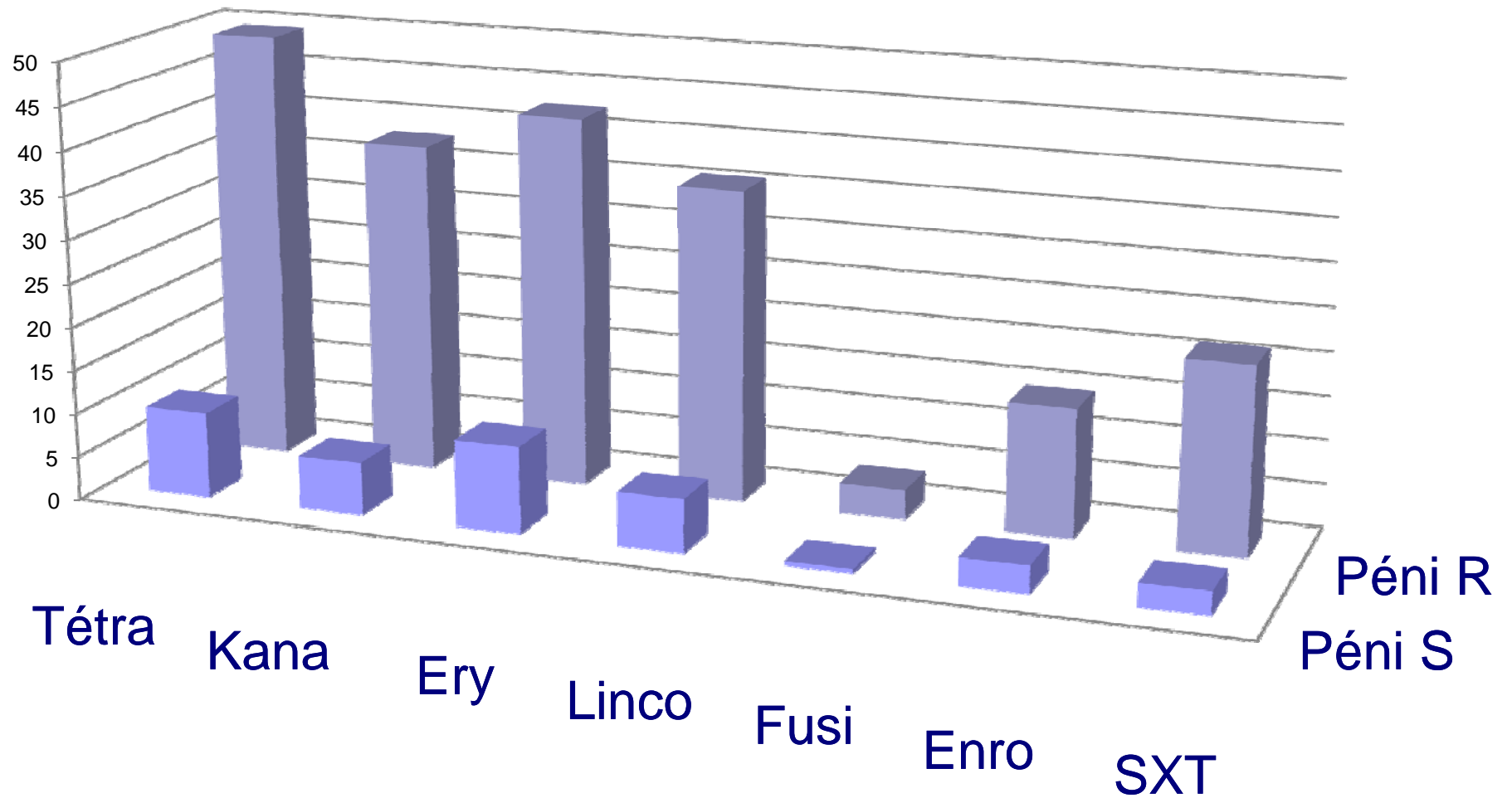
**Aucun > 1 ATB**



# *S. aureus* (Vache)



# *S. pseudintermedius* (Chien)

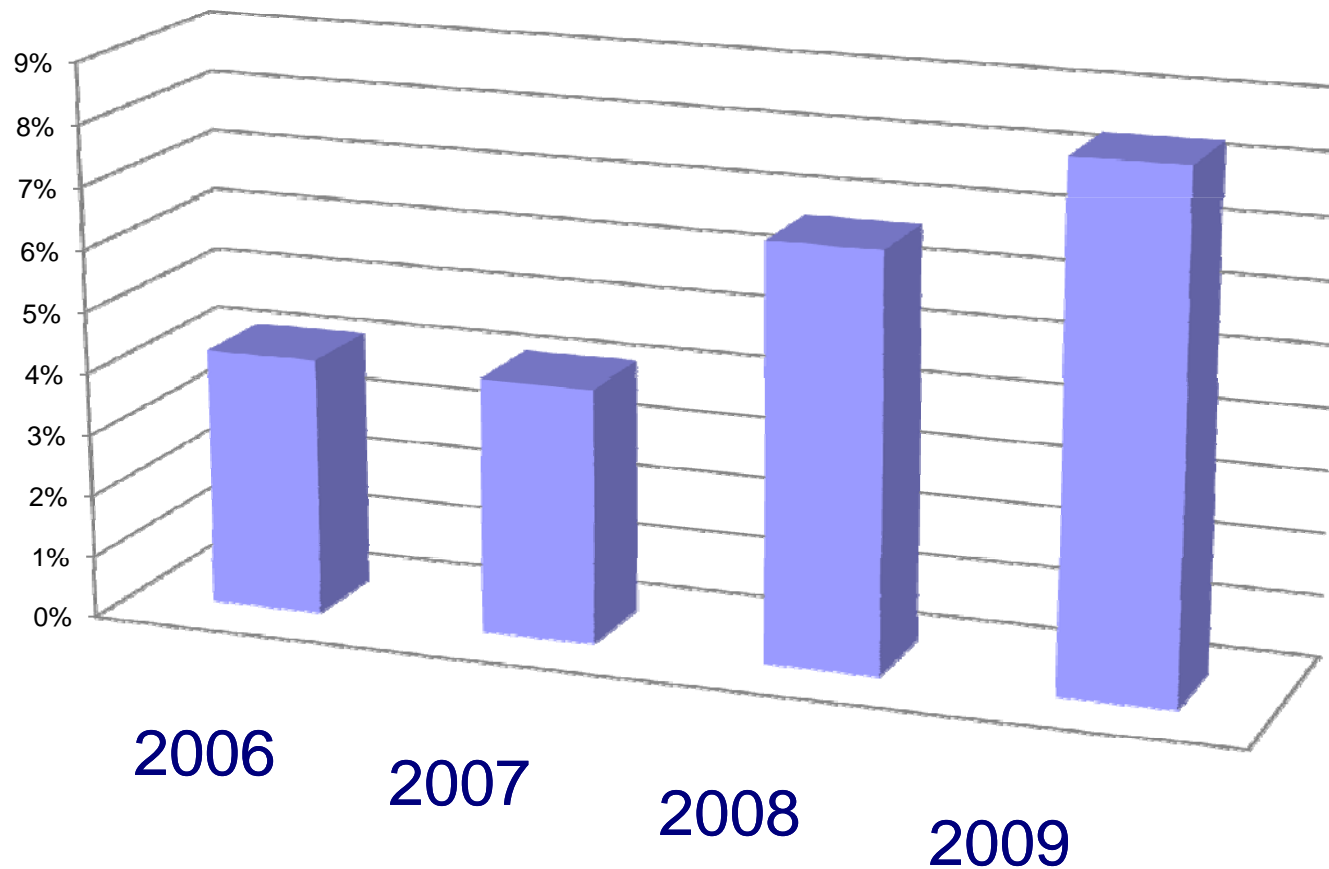




# Multirésistance chez *E. coli* BLSE

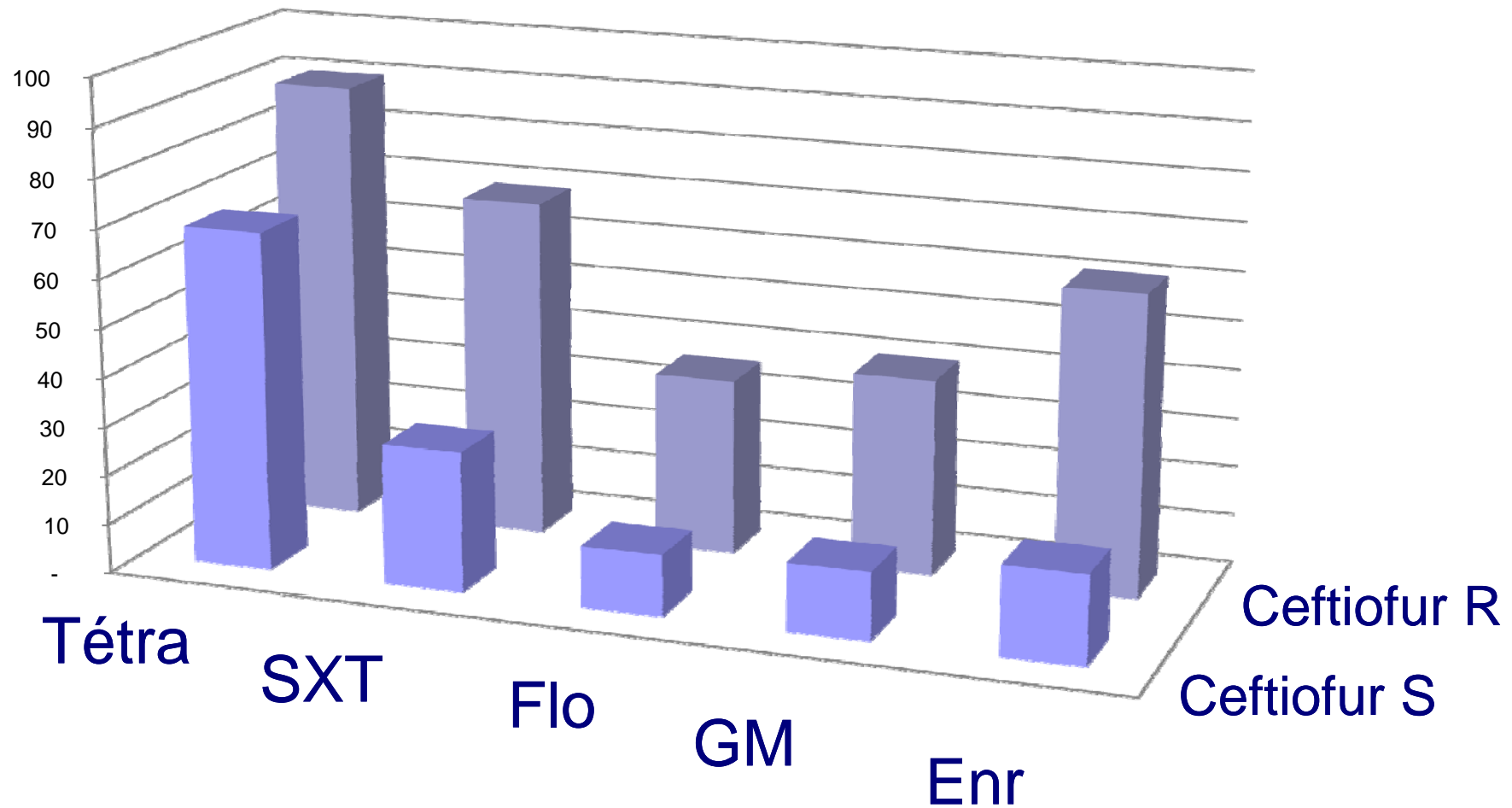
# *Escherichia coli*

## Résistance aux C3G (veau)

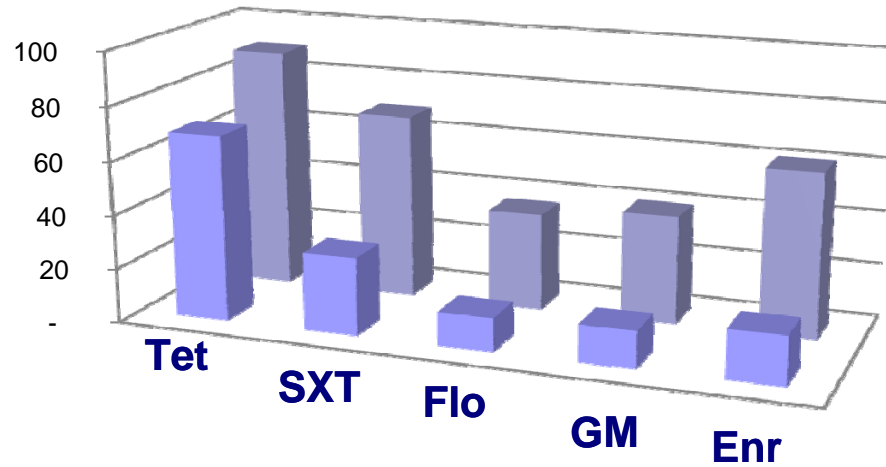


# *Escherichia coli*

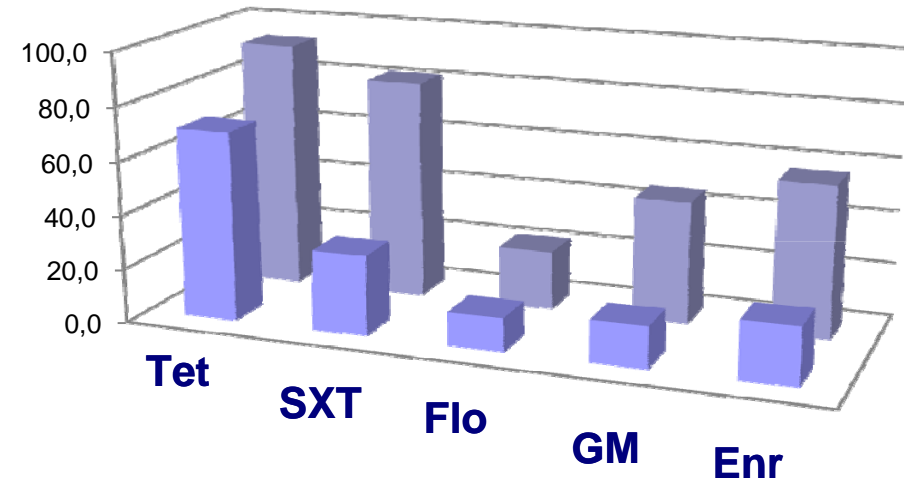
2009



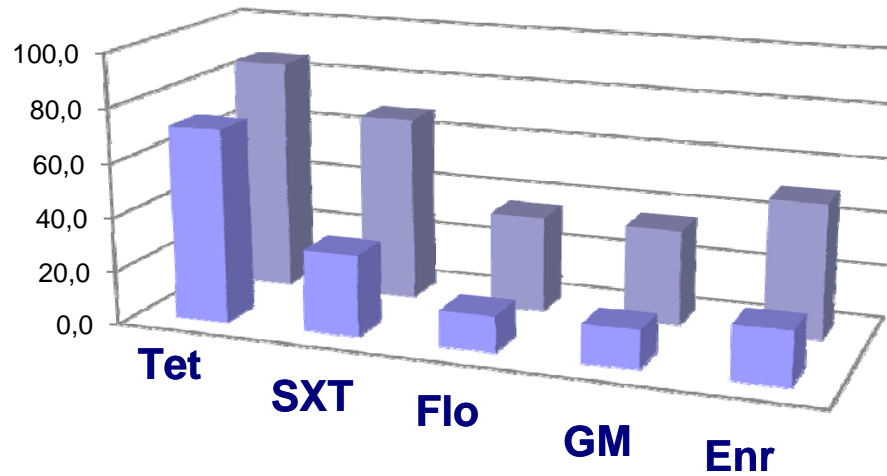
2009



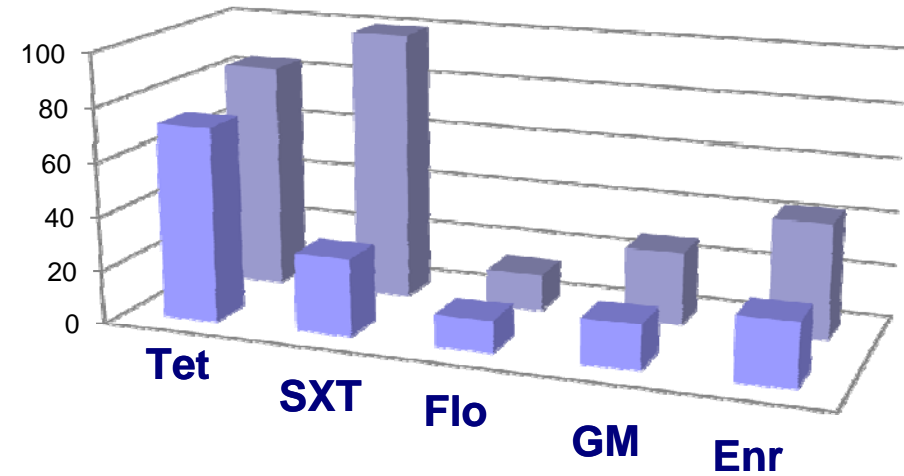
2007



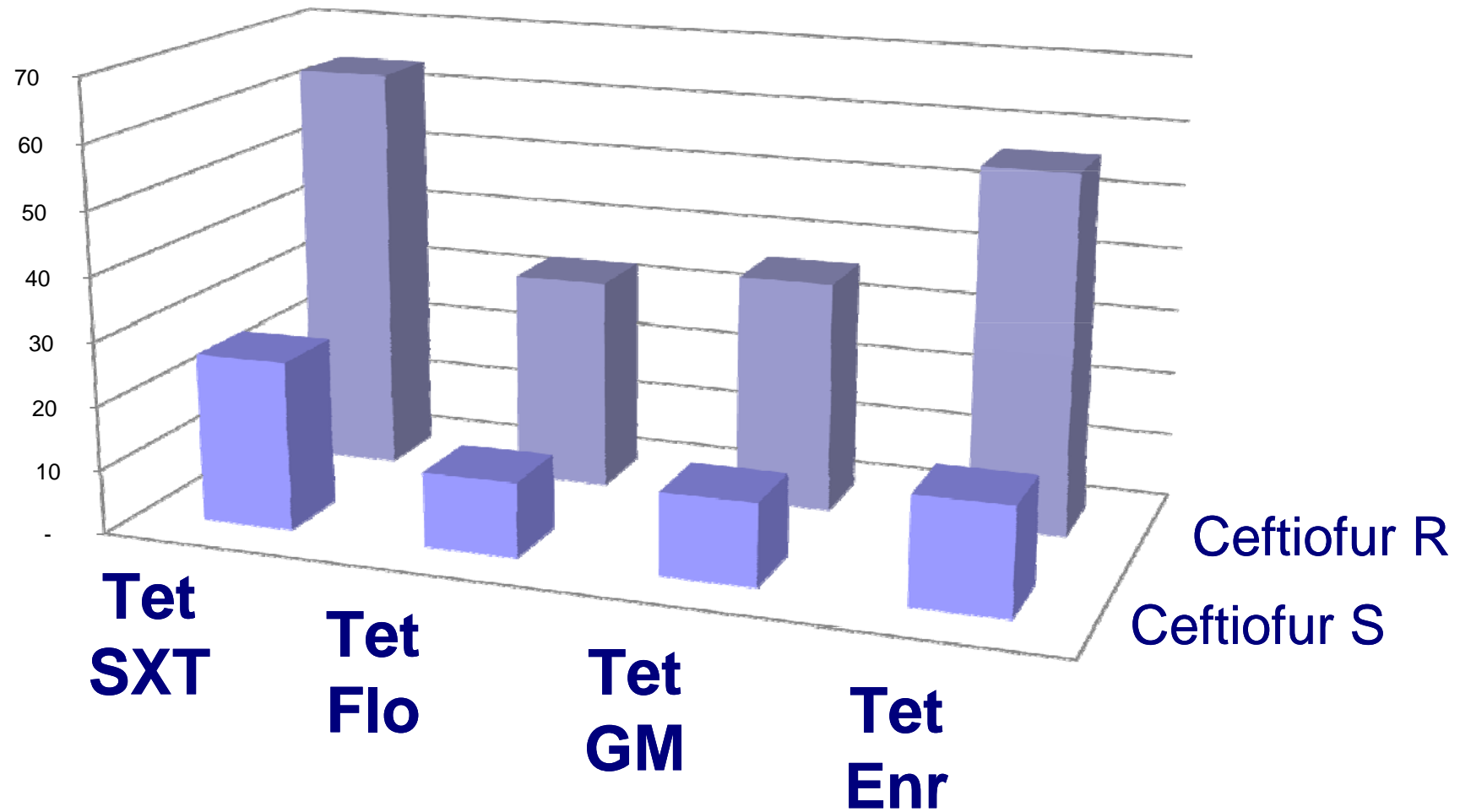
2008



2006



2009



2009

