



## **I MULTIDISCIPLINARY BMR FORUM MADRID. OCT 22nd 2018 Deputies Congress**

The development and dissemination of Multi resistant bacterias (**BMR**) is a real threat for public Health recognized by WHO.

In 2007 BMR costs **25,000 deaths** per year in Europe. In 2050 more than 1 million persons per year will be affected by BMR.

Cancer won't be any more the first cause of death.

This is a very scary scenario and Spain is the European leader in antibiotics Consumption . It is also one of the Top countries in Europe regarding infections caused by BMR.

This forum aims to raise awareness of this huge problem and to show the need of technical and human resources to phase the threat.

The **solutions** are diverse: professional trainings about prevention, diagnosis and treatments of the infections caused by BMR, actions to educate the general society about an appropriate use of antibiotics and actions about animal health.

Also we can think of **3 actions** :

- information
- Prevention with good diagnosis
- Clinicians trained so they know how to act

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The human being generates and receives bacteria. Through animals ( 70%), the community , hospitals and in underdeveloped countries.

**There are 4 levels of appearance :**

- hospitals ( very fast ecosystem )
- Community ( people , doctors, pharmacy..)
  - National
  - Global

**Figures :**

21 dosis are sold in Europa for 1.000 persons

32,05 dosis are sold in Spain for 1.000 persons ( 2nd European country )

In Spanish hospitals the consumption of antibiotics has increased in 2% . So has the BMR

5.5 % ( 200.000 persons ) suffer from a BMR in each hospital stay.

The epicenter is in the HOSPITALS. Here we have to control the problem. But the society is multidisciplinary so we all have to work on this.

**Research :**

Join initiatives. Each county in Europe looks for EU money to fund its own research.

**Southern countries** : the fact is that profesional sanitary training is lacking compared to other countries

**Several Nacional and regional initiatives in Spain :**

- PRAM , VINCAT, IRASPROA, .. guidelines ,

The main problem is that BMR affects chronic sick persons. So it is mandatory to reduce BMR. HOW ?

- avoiding infections
- Avoiding antibiotics



- Training doctors and pharmaceuticals

For instance it is not necessary to take an antibiotic after the 7th day ! Or , it is mandatory to spread awareness about the Hand cleaning and washing. The only prevention against bacteria besides vaccination !!