

# RUMA

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**EPRUMA/Slovak Presidency Workshop**  
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# Who is RUMA?

- Unique initiative set up in 1997
- Co-ordinated & integrated approach to best practice
- 25 organisations – every stage of farm to fork; all UK livestock species
- Independent members with specific expertise
  - human medicine
  - Government observers – veterinary & food regulators



# Who is RUMA?

Agricultural Industries Confederation  
Animal Health Distributors Association  
British Egg Industry Council  
British Poultry Council  
British Veterinary Association  
AHDB Dairy  
Game Farmers' Association  
National Beef Association  
National Office of Animal Health  
National Sheep Association  
Red Tractor Assurance  
RSPCA  
Scottish Salmon Producers' Organisation

AHDB (Beef and Lamb/Pork)  
Animal Medicines Training Regulatory Authority  
British Meat Processors' Association  
British Retail Consortium  
City and Guilds Land Based Services  
Dairy UK  
LEAF  
National Farmers' Union  
National Pig Association  
NFU Scotland  
Royal Association of British Dairy Farmers  
Royal Pharmaceutical Society



# How RUMA works

- Main output: RUMA Guidelines
  - Stress good management and health planning
  - **Minimise** need for medicine use by **reducing** risk of disease
  - Advice on responsible use
  - Species-specific, short versions for farmers, long for vets
  - Antimicrobials, antiparasitics and vaccines in poultry, pigs, cattle sheep and fish
  - **Free** to download from website [www.ruma.org](http://www.ruma.org)
- Historically funded solely by members' annual fees
- Total annual income ~£21k + in-kind contributions e.g. room hire, conference speakers



This is no longer enough





RESPONSIBLE USE OF MEDICINES IN AGRICULTURE ALLIANCE

ruma

# Google rankings are full of NGO material



facts figures antibiotic resistance farming



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About 549,000 results (0.24 seconds)

## 5 Alarming Facts about Antibiotic Resistance and Factory ...

[www.onegreenplanet.org/.../5-alarming-facts-about-antibiotic-resistance-...](http://www.onegreenplanet.org/.../5-alarming-facts-about-antibiotic-resistance-...) ▾

24 Feb 2014 - 5 Alarming **Facts** about **Antibiotic Resistance** and **Factory Farming**.

0Total ... The **figure** is predicted to rise unless something is done to reduce ...

## [PDF] Antibiotic resistance – the impact of intensive farming on ...

<https://www.ciwf.org.uk/.../Antibiotics-Alliance-briefing-10-March-2013...> ▾

10 Mar 2013 - Scientists and leading **figures** are increasingly warning of a serious health crisis in ... antibiotics to the **growing** problem of **antibiotic resistance** in order to .... **fact** that some of the resistance in this case will be due to human use ...

## Facts & Figures | Be Smart With Resistance

[www.biomerieux-besmart.com/Be-Smart-Facts-%26-Figures.html](http://www.biomerieux-besmart.com/Be-Smart-Facts-%26-Figures.html) ▾

**Antimicrobial resistance**: The **Facts** and the **Figures** ... Around 80% of all antibiotics used in the US are given to **farm** animals, meaning that only 20% are actually ...

## Sustainable Table | Antibiotics

[www.sustainabletable.org/257/antibiotics](http://www.sustainabletable.org/257/antibiotics) ▾

Factory **farms** administer antibiotics to **farm** animals to promote growth and ... Because of the public health risks associated with **antibiotic resistance**, there is a .... alone—a **figure** that reflects the price of pharmaceuticals and longer hospital ...

## [PDF] NRDC: Raising resistance - Industrial production of livesto...

<https://www.nrdc.org/health/files/raising-resistance.pdf>

Ads

## Antibiotic Research

[www.biolog.com/](http://www.biolog.com/) ▾

Relative **Antibiotic** Sensitivity  
Use Phenotype MicroArrays

## Factory Farming Facts

[www.new-harvest.org/factory-farming](http://www.new-harvest.org/factory-farming) ▾

3 main factory **farming facts** you should know about the meat you eat.

## Antibiotic Resistance

[www.ciwf.org.uk/SaveOurAntibiotics](http://www.ciwf.org.uk/SaveOurAntibiotics) ▾

**Antibiotic resistance** is increasing dramatically. Help us fight it:  
You visited ciwf.org.uk yesterday.

## Intensive Farming Facts

[www.soilassociation.org/notinbanger](http://www.soilassociation.org/notinbanger) ▾

Help Us Campaign Against Increases in Factory Farmed Pigs in the UK

## Antibiotic Report: 2015

[www.cdden.org/](http://www.cdden.org/) ▾



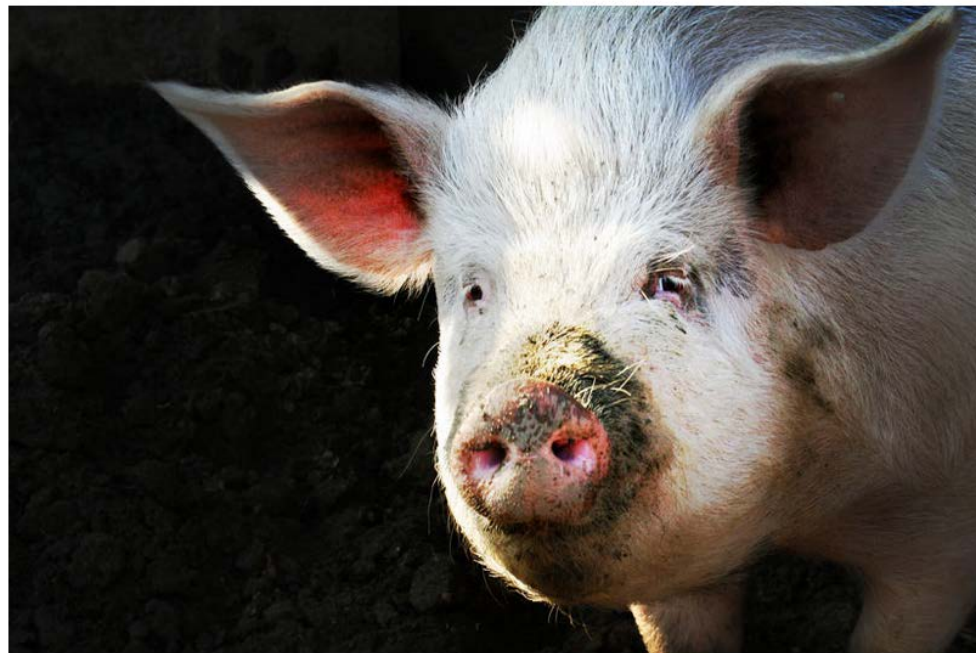


# NATIONAL GEOGRAPHIC

GERMINATION *A Blog by Maryn McKenna*

## Apocalypse Pig: The Last Antibiotic Begins to Fail

POSTED SAT, 11/21/2015



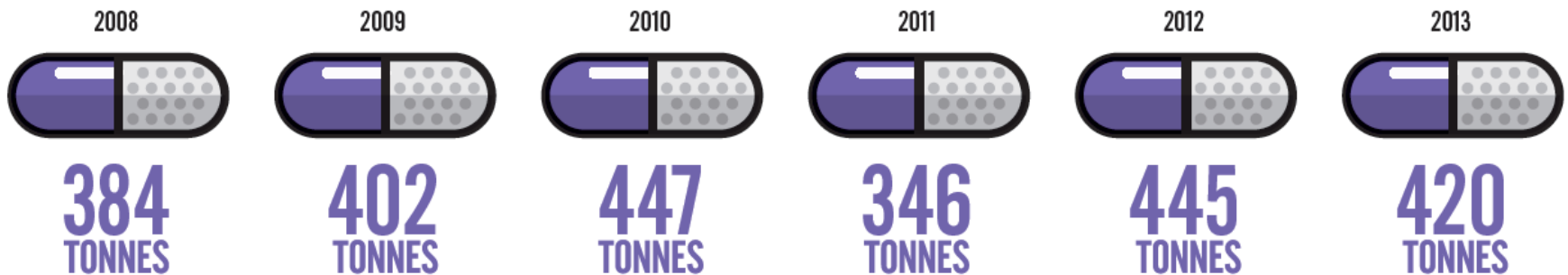
A pig being home-raised for a festival in China. PHOTOGRAPH BY [CLEMSON](#), FLICKR (CC).



# Our 'facts' are coming from critics

## FACTS AND RECOMMENDATIONS

### UK TOTAL VETERINARY ANTIBIOTIC USE (TONNES OF ACTIVE INGREDIENT)



Farm use of critically important antibiotics is rising while medical use is reducing.



Animals account for about 45% of antibiotic use in the UK.



There are already concerns that antibiotic resistant E.coli from farm animals are contributing to the 5000 deaths a year in England alone from resistant bloodstream infections.



The use of antibiotics in British pigs and poultry is now at least 3.5 times higher per unit of livestock than it is in the Netherlands and at least 4 times higher than Denmark.

### OUR RECOMMENDATIONS FOR ACTION:



**1** A target for reducing farm antibiotic use by 50% by 2020 and by 80% by 2025.

As part of this we need specific new restrictions on the use of the critically important medical antibiotics – this must include a target to cut the use of critically important antibiotics by 80% by 2020 and 95% by 2025, to secure these vital antimicrobials for human use.



**2** A ban on all preventative mass medication in feed or water, except for where disease has been diagnosed in some of the animals.

A reduction strategy should focus on good animal welfare, not routine medication, to ensure full health.



**3** Annual national surveillance data on the human health impacts of antimicrobial resistance, prioritising mortality data.

# A new RUMA!

- Focus on responsible use of mainly antibiotics
  - Data on use
  - Opportunities to reduce, refine, replace – especially CIAs
- Take a proactive approach
  - Lead the charge
  - Provide correct facts and case studies
  - Add balance to debates
  - Make difficult decisions if needed
  - Anticipate next actions – and act first!

# A new RUMA!

- Plan to increase income to £100,000+
- Scientific Group
  - independent scientists, animal & human medicine
  - Ensure scientific basis to all activities
  - act as expert spokespeople
- Targets Task Force
  - UK Government: average antibiotic target of 50mg/kg by 2018
  - RUMA will lead development of species specific targets
  - identify what success looks like
  - identify appropriate SMART (Specific, Measureable, Achievable, Relevant and Timely) objectives
  - identify opportunities and blockages towards achieving them



December 4, 2015

## RUMA announces voluntary restrictions on colistin use in UK livestock

The Responsible Use of Medicines in Agriculture Alliance (RUMA) is pleased to announce voluntary restrictions on colistin use in UK livestock.

RUMA members considered the recent [article in Lancet Infectious Disease](#) reporting that a new gene that makes common bacteria resistant to colistin, a last-line antibiotic, had been found in animals and patients in China. They noted that the EU had called for a revised risk assessment on colistin use in animals and agreed, pending the results of the risk assessment, that colistin use will be restricted to an antibiotic of last resort and will be used only after susceptibility testing had shown it was the only effective antibiotic available for treating the sick animals. It was agreed that the Secretary General would propose this to the vet groups using colistin (pigs, poultry and cattle) to seek their agreement.

John FitzGerald, RUMA Secretary General, said that RUMA had consulted the veterinary sectors who use colistin and they had agreed to restrict their use of colistin while the risks were being re-assessed. He said this was a positive and proportionate response particularly as no E Coli colistin resistance in the UK was reported in the [latest surveillance results](#).



## UK farmers to cut antibiotic use to combat drug resistance

Taskforce will work with farming leaders and government to replace and reduce antibiotic use for livestock



RESPONSIBLE USE OF MEDICINES IN AGRICULTURE ALLIANCE

# ruma

# Case study: British Poultry Council

- 2011: BPC Antimicrobial Stewardship Scheme launched
- Key focus: responsible use and, when possible, reduction in CIA use
- 2012: Voluntary ban on 3<sup>rd</sup>/4<sup>th</sup> generation cephalosporins; commitment to reduce the use of fluoroquinolones
- 2015: voluntary ban on colistin.
- 2016: commitment to stop prophylactic fluoroquinolones in day-old chicks
- 2012-2015: Usage data covering 90% of UK poultry meat production collected

# Case study: British Poultry Council

Production in the poultry meat sector increased by 5%...  
Total amount of antibiotics used by decreased by 44%

Veterinary Medicines Directorate chief executive  
Professor Peter Boriello: “Poultry industry is a  
pathfinder...”



# Thank you

