**Discovering new antimicrobials**

Bacterial infections have always been one of the main reasons of death in the world population. The graph shows some cases in which bacteria are involved, still currently generating havoc in humanity.

Seeing the importance of combating bacterial infections due to the damage generated in the world’s population, it is vital to encourage scientific research in this field. This fact urges them to use all their ingenuity and creativity to counter the adaptive and infectious ability of bacteria. Thus, scientists can make it possible for their research saved thousands of lives.

Moreover, it is a sector that has a broad market. It is the largest after the drugs for the central nervous and cardiovascular system market. On the world market, antimicrobials represented 42 billion dollars in 2009, which means 5% of the global pharmaceutical market. In 2014, it has been estimated that represents 60 billion.

This website aims to collect information about the status of investigations against the most current antimicrobials as well as their applications. Being able to thereby provide an overview on this field and encouraging interested research groups to form projects. This webpage let these research groups search for new methods and compounds to mitigate bacterial infections.

**New antibiotics**

**Antimicrobial peptides**

**Bioluminescence**

**References**

1. WHO report: The top 10 causes of death, 2015

**Conclusions**

A lot of research has been invested in the discovery of new antimicrobials. After proving that bacterial infections are no trifle and far of much ravages only in the third world, it is very interesting that the scientific community is involved and bet on this area. It is being achieved more broadly encompass the bacterial world. Not only focusing on finding a new miraculous conventional antibiotic, but attempts to diversify the problem. This issue may include since planktonic bacteria to biofilms, being counteracted both antibiotics and antimicrobial peptides.