

In the 1930's a scientist discovered that wild animals have their own natural mechanism in their gut for protecting themselves against harmful bacteria. It was later discovered that this natural phenomenon is the presence of friendly bacteria in the gut, and this became known as competitive exclusion.



Later, some scientists called Nurmi and Rantala did some experiments and proved that by giving a complete balance of friendly bacteria to chickens they could protect them against infection with salmonella.

More work by other scientists proved that friendly bacteria can protect chickens from a whole range of harmful bacteria