

News Letter

Vector-Borne Diseases. Why and How?

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Many diseases that affect human as well as animals cannot spread without the presence of vectors, which are often arthropods. The question that always arises is why these vectors exist in our life and how to get rid of them. The answer is not the ease with which some people expect, but let us point out that pests, diseases, disabilities and anomalies are necessities of life because it shows the importance of the opposite, meaning shows the importance of health and benefit as well as integrity. Therefore, vectors are part of our environmental system. That is, we cannot get rid of them permanently but what is required to control or eliminate vector population so that their effect is less than the critical limit ... but how?

For diseases where is no effective cure or those which have effective cure, vector control remains the most important way to

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protect human population? Therefore, vector-borne disease must have a more attention from the researchers.

There are a lot of methods and materials that are used to reduce the numbers of these vectors and thus reduce the probability of transmission of the disease, but let us set our priorities in the fight against these vectors. I believe that one of the most important priorities is to promote integrated ecosystems where there are many natural enemies in these ecosystems that reduce the number of these vectors and so reduce infection risks. Therefore we must adopt the importance and support programs to maintain the integrity of ecosystems and try to restore what was destroyed.