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APLASTIC ANAEMIA

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SYNOPSIS:—This is a review of the pathogenesis of aplastic anaemia, based on what is known about the bone marrow, and the role of the immune system in the disease. It also discusses the treatment of the disease and the role of the immune system in the disease.

INTRODUCTION:—The bone marrow is the site of haematopoiesis, the process by which the blood cells are formed. It is a highly specialized organ, and its function is to produce the blood cells that are needed for the body to function. The bone marrow is also the site of the immune system, and it plays a role in the development of the immune response.

PATHOGENESIS:—The pathogenesis of aplastic anaemia is not fully understood, but it is thought to be a result of a combination of factors. These factors include a genetic predisposition, a viral infection, and a drug-induced reaction. The immune system is thought to play a role in the disease, as it is involved in the destruction of the bone marrow cells.

TREATMENT:—The treatment of aplastic anaemia is aimed at supporting the patient's blood counts and preventing complications. This is done by transfusing blood products, such as red blood cells, platelets, and plasma. In some cases, a bone marrow transplant may be necessary to replace the damaged bone marrow.

CONCLUSION:—Aplastic anaemia is a serious condition that can be life-threatening. It is important to understand the pathogenesis of the disease in order to develop effective treatments. Further research is needed to better understand the role of the immune system in the disease.



English: "The first of the great rivers of the world, the Amazon, flows from the north to the south, and is the source of the great Amazon basin."
 Spanish: "El primer de los grandes rios del mundo, el Amazonas, fluye del norte al sur, y es la fuente del gran cuenca del Amazonas."
 French: "Le premier des grands rivières du monde, l'Amazonas, s'écoule du nord au sud, et est la source de la grande région amazonienne."
 German: "Der erste der großen Flüsse der Welt, der Amazonas, fließt von Norden nach Süden, und ist die Quelle des großen Amazonasbeckens."
 Italian: "Il primo dei grandi fiumi del mondo, l'Amazzoni, scorre dal nord al sud, ed è la sorgente della grande regione amazzonica."
 Portuguese: "O primeiro dos grandes rios do mundo, o Amazonas, flui do norte para o sul, e é a fonte da grande bacia amazônica."