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Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 65663

Manuscript Type: MINIREVIEWS

**Intestinal microbiota participates in nonalcoholic fatty liver disease progression
by affecting intestinal homeostasis**

Zhang Y *et al.* Intestinal homeostasis in NAFLD

Yang Zhang, Jun-Xiang Li, Yan Zhang, Yun-Liang Wang

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Non-Alcoholic Fatty Liver Disease (NAFLD) is the most common **liver disease** in the world. **NAFLD** is

Non-Alco Liver Dis

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A condition in w
liver in people w

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cases per y

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[Contribution of gut microbiota to nonalcoholic fatty liver ...](#)

<https://www.sciencedirect.com/science/article/pii/S2405457721001923>

May 25, 2021 · Journal Pre-proof Figure 1. The role of the gut microbiota in non-alcoholic fatty liver disease. Bacterial dysbiosis, gut barrier dysfunction, and small intestinal bacterial overgrowth contrib...

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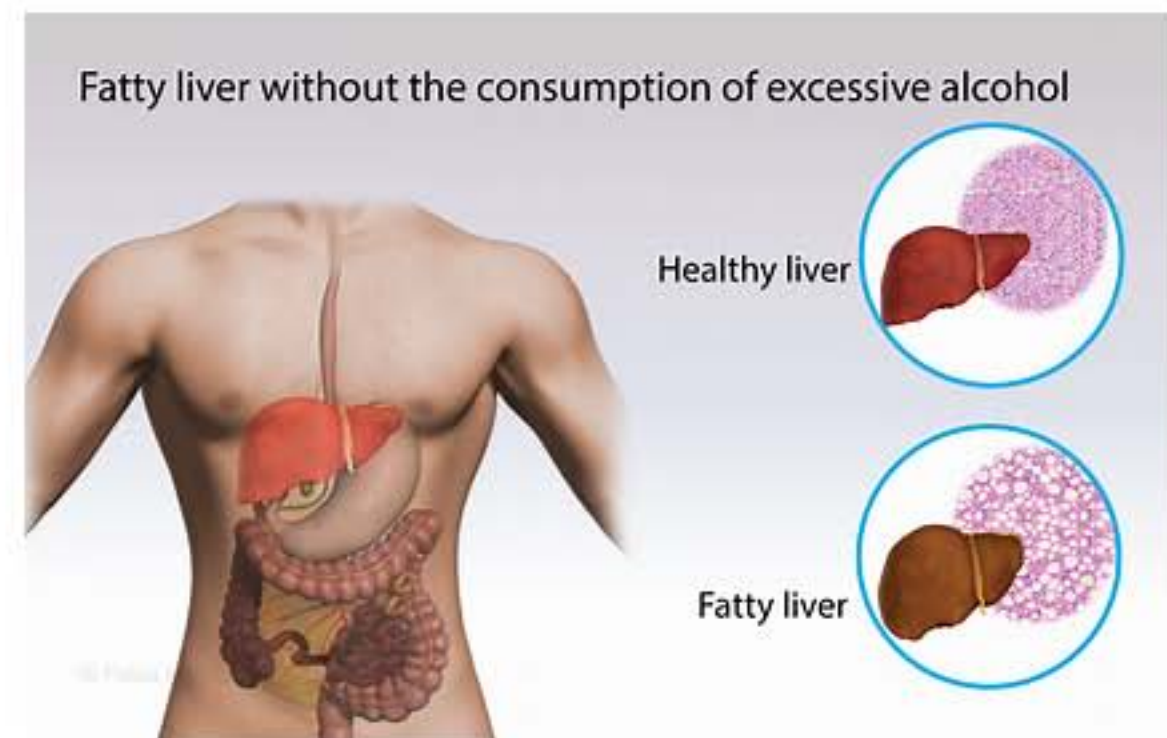
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Non-Alcoholic Fatty Liver Disease

Medical Condition



A condition in which fat accumulates in the liver in people who drink little or no alcohol.

Very common (More than 3 million cases per year in US)

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[Intestinal Microbiota and Liver Diseases: Insights into ...](#)
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Non-Alcoholic Fatty Liver Disease

Medical Condition

A condition in which fat accumulates in the liver in people who drink little or no alcohol.

Very common (More than 3 million cases per year in US)

Requires lab test or imaging

Treatments can help manage condition, no known cure

Can last several years or be lifelong

The cause of non-alcoholic fatty liver disease is not clearly understood. It is associated with obesity, insulin resistance, hyperglycemia, and high levels of fat in blood. The condition does not usually cause symptoms. In some cases, fatigue, enlarged liver, and pain in the upper right abdomen is seen. Non-alcoholic fatty liver disease has no specific treatment. It involves treating underlying conditions such as obesity.

Symptoms

It is usually asymptomatic. Symptoms may include:

- Fatigue
- Enlarged liver
- Pain the upper right abdomen
- Ascites (swelling in the belly)
- Jaundice
- Enlarged spleen

If it progresses to cirrhosis, the following symptoms are seen:

- Enlarged breasts in men
- Red palms
- Internal bleeding
- Fluid retention

Treatments

Non-alcoholic fatty liver disease has no specific treatment. It involves treating underlying conditions such as obesity.