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Manuscript NO: 47403

Manuscript type: REVIEW

Revisiting liver's role in transplant alloimmunity

Abrol N *et al.* Liver's role in alloimmunity

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Abstract

The transplanted liver can modulate the recipient immune system to induce tolerance after transplantation. This phenomenon was observed nearly five decades ago.

Subsequently, liver's role in multi-organ transplantation was recognized, as it has a

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In this review we discuss evidence for the **role** of **alloimmunity** and **autoimmunity** in chronic rejection of solid organ **transplants**. Cellular and humoral immune responses in solid organ **transplantation** The primary targets of the recipient immune response against the allograft are the donor major histocompatibility complex (MHC) antigens present on the allogeneic tissue.

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Author: Anil Seetharam, Venkataswarup Tiriveedh...

Publish Year: 2010

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<https://onlinelibrary.wiley.com/doi/full/10.1111/ajt.13940>

Carsten Schumacher, Hendrik Eismann, Lion Sieg, Lars Friedrich, Dirk Scheinichen, Florian W. R. Vondran and Kai Johanning, Preoperative Recipient Parameters Allow Early Estimation of Postoperative Outcome and Intraoperative Transfusion Requirements in **Liver Transplantation**, *Progress in Transplantation*, (152692481876580), (2018).

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Lung transplantation. Recent studies strongly suggest an important role for autoimmunity in the pathogenesis of allograft rejection. Our studies in LTx recipients have shown a strong correlation between the development of antibodies to a self-protein, K- α 1T, as well as ColV and the development of BOS following human LTx [14•, 36••].

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Author: Anil Seetharam, Venkataswarup Tiriveedh...

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(PDF) Grand Challenges in Alloimmunity and Transplantation

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Allogeneic **hematopoietic stem cell transplantation** (allo-SCT) from an HLA-matched related or unrelated donor is a curative option for patients with high-risk hematological diseases.

Revisiting the '6-month' liver transplant rule for alcohol ...

<https://canlivj.utpjournals.press/doi/full/10.3138/canlivj.2018-0002>

There is historical reluctance in the medical community to offer **liver transplantation** to patients with alcoholic **liver** disease. **Transplant** programs broadly follow a policy that requires abstinence from alcohol for a minimum of 6 months. This policy, however, is at odds with data that supports improved survival in patients with severe acute alcoholic hepatitis (SAAH).

Author: Sanjeev Sirpal, Eric M Yoshida, Natas... Publish Year: 2018

Liver transplantation in the mouse: Insights into liver ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/full/10.1002/lt.24394>

Dec 28, 2015 · The surgically demanding mouse orthotopic **liver transplant** model was first described in 1991. It has proved to be a powerful research tool for the investigation of **liver** biology, tissue injury, the regulation of **alloimmunity** and tolerance induction, and the pathogenesis of specific **liver** diseases.

Cited by: 12

Author: Shinichiro Yokota, Osamu Yoshida, Yoshi...

Publish Year: 2016

Obesity and Its Impact on Transplantation and Alloimmunity

journals.lww.com/transplantjournal/Fulltext/2013/07150/Obesity_and_Its_Impact_on...

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2004年8月30日 - **Revisiting liver transplant** immunology: From the concept of immune including the putative **role** of transmitted and intercurrent infections.

Primary biliary cirrhosis and liver transplantation - NCBI

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4204562/> - 翻译此页

作者: N Akamatsu - 2012 - 被引用次数: 9 - 相关文章

Keywords: Primary biliary cirrhosis, **liver transplantation**, ursodeoxycholic acid ... Most **autoimmune** diseases are predominant in female patients, and in PBC, of AMA-positive individuals with normal **liver function**, which revealed 24 out of 29 cholestatic **liver** disease: Mechanisms of action and therapeutic use **revisited**.

Transplantation in autoimmune liver diseases - NCBI

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2716593/> - 翻译此页

作者: M Mottershead - 2008 - 被引用次数: 55 - 相关文章

2008年6月7日 - Abstract. **Liver transplantation** remains an effective treatment for those with end-stage disease and with intractable **liver**-related symptoms. The shortage of organs for **transplantation** has resulted in the need for rationing. ... Disease may recur after **transplantation** and may affect patient and graft survival.

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Inflammatory bowel disease in liver transplanted patients - NCBI

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5434427/> - 翻译此页

作者: TF Kanizaj - 2017 - 被引用次数: 4 - 相关文章

2017年5月14日 - **Liver transplantation** (LT) is a routine treatment option for patients with ... Because of the overlap of various **autoimmune** diseases in high volume **transplant** centres, The **role** of