

**Name of Journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 39580

**Manuscript Type:** MINIREVIEWS

**Rethinking *de novo* immune hepatitis, an old concept for liver allograft rejection: Relevance of glutathione S-transferase T1 mismatch**

Aguilera I *et al.* GSTT1 mismatch in rejection

Isabel Aguilera, Elena Aguado-Dominguez, Jose Manuel Sousa, Antonio Nuñez-Roldan

### Abstract

Antibody-mediated rejection (AMR) in liver transplantation has long been underestimated. The concept of the liver as an organ susceptible to AMR has emerged in recent years, not only in the context of the major histocompatibility complex with the presence of HLA donor-specific antibodies, but also with

### Match Overview

1	<b>Crossref</b> 42 words Elena Aguado-Domínguez, Lourdes Gómez, José Manuel Sousa, Miguel Ángel Gómez-Bravo et al. "Identification of th	1%
2	<b>Internet</b> 24 words crawled on 19-May-2018 <a href="http://www.wjgnet.com">www.wjgnet.com</a>	1%
3	<b>Crossref</b> 18 words HadÄ¼iÄ¼, Nedim, Alberto Quaglia, Corina Cotoi, Munther J. Hussain, Nigel Brown, Diego Vergani, and Giordina Mieli	<1%
4	<b>Crossref</b> 18 words Christopher O. C. Bellamy. "Complement C4d immunohis ... chemistry in the assessment of liver allograft biopsy sample	<1%
5	<b>Crossref</b> 14 words Rodrigo Liberal, Maria Serena Longhi, Charlotte R. Grant, Giordina Mieli-Vergani, Diego Vergani. "Autoimmune Hei ...	<1%
6	<b>Internet</b> 12 words crawled on 09-Aug-2017 <a href="http://linknovate.com">linknovate.com</a>	<1%



Rethinking de novo immune hepatitis, an old concept for liver allograft rejection



全部

图片

新闻

视频

更多

设置

工具

找到约 700 条结果 (用时 0.79 秒)

### Anti-glutathione S-transferase T1 antibody-mediated rejection in C4d ...

<https://academic.oup.com/ndt/article/23/7/2393/1860923> ▼ 翻译此页

作者: I Aguilera - 2008 - 被引用次数: 32 - 相关文章

2008年2月28日 - This was a surprising result because in liver transplants the GSTT1 genetic mismatch and subsequent formation of anti-GSTT1 antibodies is highly associated with the risk of developing de novo immune hepatitis [7]. The GSTT1 enzyme is a phase II detoxifying enzyme encoded by a single gene that has ...

### Risk factors for developing de novo autoimmune hepatitis associated ...

<https://www.ncbi.nlm.nih.gov/pubmed/19399747> ▼ 翻译此页

作者: M Salcedo - 2009 - 被引用次数: 47 - 相关文章

Risk factors for developing de novo autoimmune hepatitis associated with anti-glutathione S-transferase T1 antibodies after liver transplantation. Salcedo M(1) ... GSTT1 donor/recipient genotype mismatch has been suggested as a necessary condition for the appearance of autoantibodies and de novo AIH.

However ...

缺少字词: rethinking old concept

### Anti-glutathione S-transferase T1 antibody-mediated rejection in ...

[https://www.researchgate.net/.../5543204\\_Anti-glutathione\\_S-transferase\\_T1...](https://www.researchgate.net/.../5543204_Anti-glutathione_S-transferase_T1...) - 翻译此页

This is the first study reporting an association between the appearance of chronic antibody-mediated renal allograft rejection and the occurrence of de novo production of anti-GSTT1 antibodies, in the absence of anti-HLA donor-specific antibodies. This fact suggests a potential role of the GSTT1 system in anti-graft immune ...

### T-cell allorecognition of donor glutathione S-transferase T1 in plasma ...

<https://www.wjgnet.com/1948-5182/full/v9/i27/1115.htm> ▼ 翻译此页



全部

图片

新闻

购物

视频

更多

设置

工具

找到约 5 条结果 (用时 0.46 秒)

### Glutathione S-transferase T1 mismatch constitutes a risk factor for de ...

<https://www.ncbi.nlm.nih.gov/pubmed/15350010> - 翻译此页

作者: I Aguilera - 2004 - 被引用次数: 86 - 相关文章

Glutathione S-transferase T1 mismatch constitutes a risk factor for de novo immune ... A new form of autoimmune hepatitis referred to as de novo, has been reported after liver ... We analyzed a cohort of 110 liver transplant patients treated in the liver ... the importance of the GSTT1 genotype from donor and recipient of a liver ...

缺少字词: rethinking old concept rejection

### De novo autoimmune hepatitis after liver transplantation: A focus on ...

<https://www.ncbi.nlm.nih.gov/pubmed/27712026> - 翻译此页

作者: L Ibáñez-Samaniego - 2017 - 被引用次数: 1 - 相关文章

2016年11月15日 - De novo autoimmune hepatitis after liver transplantation: A focus on glutathione ... The impact of DAIH on graft survival is relevant, and early diagnosis and treatment is ... Although glutathione S-transferase theta 1 (GSTT1) alloimmune ... Glutathione Transferase/immunology\*; Graft Rejection/immunology\* ...

缺少字词: rethinking old concept mismatch

### Anti-glutathione S-transferase T1 antibody-mediated rejection in C4d ...

<https://academic.oup.com/ndt/article/23/7/2393/1860923> - 翻译此页

作者: I Aguilera - 2008 - 被引用次数: 32 - 相关文章

2008年2月28日 - Chronic humoral rejection is a progressive form of graft injury, with ... This was a surprising result because in liver transplants the GSTT1 genetic mismatch and ... highly associated with the risk of developing de novo immune hepatitis [7]. ... importance of the GSTT1 genetic mismatch in renal transplantation.

### [PDF] Resident Handout - Transplant Pathology Internet Services - UPMC

[tpis.upmc.com/tpislibrary/Resident\\_Handout\\_2010.pdf](https://tpis.upmc.com/tpislibrary/Resident_Handout_2010.pdf) - 翻译此页

Liver. Grading Systems. Banff Schema for Acute Liver Allograft ... Revision of 1996 WF for Lung Transplant Rejection.....172 ..... nature, Good suggested a new two-component concept of immunity and ..... Active hepatitis A or B ..... Roldan A. Glutathione S-transferase T1 mismatch constitutes a risk for ..... 500

全部

图片

新闻

购物

视频

更多

设置

工具

找到约 5 条结果 (用时 0.46 秒)

### Glutathione S-transferase T1 mismatch constitutes a risk factor for de ...

<https://www.ncbi.nlm.nih.gov/pubmed/15350010> - 翻译此页

作者: I Aguilera - 2004 - 被引用次数: 86 - 相关文章

Glutathione S-transferase T1 mismatch constitutes a risk factor for de novo immune ... A new form of autoimmune hepatitis referred to as de novo, has been reported after liver ... We analyzed a cohort of 110 liver transplant patients treated in the liver ... the importance of the GSTT1 genotype from donor and recipient of a liver ...

缺少字词: rethinking old concept rejection

### De novo autoimmune hepatitis after liver transplantation: A focus on ...

<https://www.ncbi.nlm.nih.gov/pubmed/27712026> - 翻译此页

作者: L Ibáñez-Samaniego - 2017 - 被引用次数: 1 - 相关文章

2016年11月15日 - De novo autoimmune hepatitis after liver transplantation: A focus on glutathione ... The impact of DAIH on graft survival is relevant, and early diagnosis and treatment is ... Although glutathione S-transferase theta 1 (GSTT1) alloimmune ... Glutathione Transferase/immunology\*; Graft Rejection/immunology\* ...

缺少字词: rethinking old concept mismatch

### Anti-glutathione S-transferase T1 antibody-mediated rejection in C4d ...

<https://academic.oup.com/ndt/article/23/7/2393/1860923> - 翻译此页

作者: I Aguilera - 2008 - 被引用次数: 32 - 相关文章

2008年2月28日 - Chronic humoral rejection is a progressive form of graft injury, with ... This was a surprising result because in liver transplants the GSTT1 genetic mismatch and ... highly associated with the risk of developing de novo immune hepatitis [7]. ... importance of the GSTT1 genetic mismatch in renal transplantation.

### [PDF] Resident Handout - Transplant Pathology Internet Services - UPMC

[tpis.upmc.com/tpislibrary/Resident\\_Handout\\_2010.pdf](https://tpis.upmc.com/tpislibrary/Resident_Handout_2010.pdf) - 翻译此页

Liver. Grading Systems. Banff Schema for Acute Liver Allograft ... Revision of 1996 WF for Lung Transplant Rejection.....172 ..... nature, Good suggested a new two-component concept of immunity and ..... Active hepatitis A or B ..... Roldan A. Glutathione S-transferase T1 mismatch constitutes a risk for ..... 500