

**Autoimmune hepatitis following COVID-19 Vaccination: true
causality or mere association?**

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Table S1. Trend of liver function test*

Date	Normal Range	11-Feb-2013	24-May-2021	26-May-2021	28-May-2021	31-May-2021	01-Jun-2021	03-Jun-2021	07-Jun-2021
Bilirubin ($\mu\text{mol/L}$)	5-30	15	87	105	79	53	46	34	20
Alkaline phosphatase (U/L)	32-103	60	252	298	260	248	207	203	177
Alanine aminotransferase (U/L)	10-55	24	1417	1701	1470	1337	1032	885	471
Aspartate aminotransferase (U/L)	10-45	30	890	1124	850	690	606	430	130

*Liver biopsy was performed on 01/06/2021 and Budesonide was started on 02/06/2021.

Table S2. Other relevant investigations

Date	Investigation	Results
24-May 2021	Hepatitis A IgM	Non-reactive
24-May 2021	Hepatitis B surface Antigen	Non-reactive
24-May 2021	Hepatitis B core Antibody	Not detected

24-May 2021	Hepatitis C Antibody Screen (EIA)	Non-reactive
24-May 2021	Hepatitis E IgM Antibody	Non-reactive
27-May 2021	Cytomegalovirus PCR	Not detected
27-May 2021	Ebstein-Barr Virus PCR	Not detected
27-May 2021	Herpes Simplex Virus IgM	Negative
27-May 2021	Varicella Zoster Virus IgM	Negative
27-May 2021	Antinuclear antibody titre	1:640 (homogenous pattern)
27-May 2021	Anti-smooth muscle antibody	1: 320
27-May 2021	Immunoglobulin G	32.6 G/L
25-May 2021	CT Scan of Abdomen	Liver parenchyma normal. No biliary obstruction.

CT: Computerise Tomography ; G/L: Gram per Litre; IgM: Immunoglobulin M; PCR: Polymerase Chain Reaction.