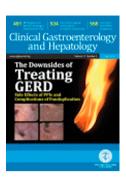
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Molecular Ellipticity of Circulating Albumin-Bilirubin Complex Associates With Mortality in Patients With Severe Alcoholic Hepatitis

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ACCEPTED MANUSCRIPT

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- 1 Molecular Ellipticity of Circulating Albumin-Bilirubin Complex Associates With Mortality
- 2 in Patients With Severe Alcoholic Hepatitis
- 3 *Short Title:* Optical activity of albumin-bilirubin complex
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- 16 research) grant no: 4903-C.
- 17 Abbreviations: AH, alcoholic hepatitis; SAH, severe alcoholic hepatitis; AC, alcoholic cirrhosis; HC, healthy
- 18 control; HBV, hepatitis B virus; HCV, hepatitis C virus; HIV, human immunodeficiency virus; CD, circular
- dichroism; ME, molecular ellipticity; DP, discovery phase; VP, validation phase; mM, millimolar; MELD, Model
- 20 for End-Stage Liver Disease; MELD-Na, Model for End-Stage Liver Disease-Sodium; DF, Maddrey's discriminant
- 21 function; ABIC, Age Bilirubin INR Creatinine; ROC, Receiver operating characteristic; AUROC, area under ROC;
- 22 KM, Kaplan-Meier; ABiC, albumin binding capacity.
- 23 *Disclosure:* All authors have declared no conflict of interest.
- 24 Authors' contribution:
- 25 SD, JSM, SH, SSM, procured the samples. SD performed CD-UV analysis, determination of ABiC and
- 26 carried out data analysis. SD, JSM, SS, RM, TPS, SKS drafted the manuscript. This manuscript has been
- 27 seen and approved by all authors.
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