

Answers to reviewers

RE: ESPS Manuscript NO: 18624

Xia J, Mizuta T, Ozaki I. Vitamin K and hepatocellular carcinoma: The basic and clinic

Answers to reviewer 03270509

According to the reviewer's suggestion, we added the description of VK3, 4 and 5. We also added the new section "Vitamin K deficiency bleeding (VKDB) in newborns" and described the role of vitamin K supplementation in new born to prevent VKDB. The newly added portion and references are underlined.

Answers to reviewer 02439215

According to the reviewer's comments, we added the topics about UBIAD1 that synthesize MK4 and has been regarded as tumor suppressor in prostate cancer in the section of "The involvement of VK in cell and tumor biology". Although we mentioned the several novel VK derivatives, most of these compounds are under the investigation in preclinical stage and the information of the effects on HCC cells are limited. The added section and references are underlined.

Answers to reviewer 03270502

According to the reviewer's suggestion, the manuscript has been checked by native English speaker and errors are corrected.