

## ABSTRACT

*This Validity Test research is entitled the validity of animated video-based learning media on protist material for class X SMA. This research aims to determine the level of feasibility of biology learning media in the form of animated videos on protist material. Animated video is one of the audio-visual based learning media which is currently widely used by teachers and informal service business owners to increase students' interest in learning. The animated video in this research combines general material on protists with the results of research on ectoparasites that infect fish. This research was carried out in August-November 2023. This research used two methods, the R&D method in the 4-D model as the method used to obtain validation values, then research using the purposive sampling method as the method used to look for fish samples that were indicated to be infected with ectoparasites. . The results of research on material validation sheets by material experts were 95%, media experts were 96%, showing that animated video-based learning materials and media were classified as very valid. The results of research on ectoparasite identification found 4 types of parasites that infect Sangkuriang catfish, including the parasites Dactylogyrus, Quadriacanthus, Ivhtyobodo, and Anisakis. The parasite that most commonly infected fish in this study was Dactylogyrus. Meanwhile, the part of the fish's body that is most often infected with parasites is the gills. Some of the parasites found are not dangerous for humans, but there is one parasite, namely Anisakis, which is dangerous if consumed by humans because it can cause nausea, vomiting, fever, diarrhea, and even bloody stools. The results of the identification research are included in animated video-based learning media as material. The latest research is based on the results of research on the identification of ectoparasites in Sangkuriang catfish (*Clarias gariepinus*).*

