ABSTRAK

Penelitian pengembangan ini bertujuan untuk menghasilkan suatu produk bahan ajar berupa modul biologi yang berbasis model pembelajaran POGIL (*Process Orientation Guided Inquiry Learning*) pada materi jamur yang dirancang untuk digunakan pada kelas X IPA SMA. Metode pengembangan modul ini adalah model Thiagarajan (4-D) yang mempunyai tahapan *define, design, development* dan *disseminate*, tetapi pada pengembangan modul ini hanya sampai tahap *development*. Hasil dari pengembangan modul biologi berbasis model pembelajaran POGIL dari validasi ahli desain diperoleh persentase 87%. Hasil validasi ahli materi diperoleh 94% dan hasil uji coba peserta didik diperoleh 90%. Berdasarkan hasil uji tersebut dapat disimpulkan bahwa ketiga uji mendapatkan kategori "Sangat Baik" sehingga modul ini layak digunakan sebagai salah satu bahan ajar tambahan pada pembelajaran materi jamur di sekolah.

Kata kunci: modul; model pembelajaran POGIL; pengembangan

ABSTRACT

This development research aims to produce a teaching material product in the form of a biology module based on the POGIL (Process Orientation Guided Inquiry Learning) learning model on mushroom material which is designed to be used in class X science in high school. The development method for this module is the Thiagarajan (4-D) model which has the stages of define, design, develop and disseminate, but the development of this module only reaches the development stage. The results of the development of a biology module based on the POGIL learning model from the validation of design experts obtained 87%. The results of the material expert validation obtained 94% and the results of the student trials obtained 90%. Based on the test results, it can be concluded that the three tests results are categorized as "Very Good" so that this module is suitable to be used as one of the additional teaching materials in learning mushroom material at school.

Keywords*: module; POGIL learning model; development*