

# PROFESSIONAL DEVELOPMENT NEEDS FOR HIGH SCHOOL BIOLOGY TEACHERS IN THE LIGHT OF THE NEXT GENERATION SCIENCE STANDARDS

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***ABSTRACT\_** This research, aimed to determine the need of high school biology teachers professional development in the light of the Next Generation Science Standards (NGSS) biology teacher competencies. The sample comprised of 54 female biology teachers from Alkharch province who answered the questionnaire that were prepared by the researchers. The results show that: high average values of the sample responses of most of the competencies in the questionnaire. This result indicates the importance of competencies included in the questionnaire from the standpoint of high school biology teachers. Finally, the study provide some recommendations and suggestions for future research.*

***KEY WORDS:** professional development, teacher competences of biology teachers for the next generation science standards.*