

Development of a postgraduate study course in immune modulation: Results of the IMCert (Immune Modulation Certificate for postgraduate students acquired by blended learning) piloting, self-assessed competencies pre post, written assessment and research proposal assessment.

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Abstract

Background

IMCert is an approved proposal in the “Capacity building in the field of higher education” Erasmus plus. The aim was to develop a postgraduate study course in cooperation between Egypt, France, Germany and Greece. Before implementation of all nine modules of the certificate we piloted three of them.

Summary Of Work

44 participants from Egyptian universities (Al-Azhar, Cairo, Ain-Shams, Damanhour and Aswan University) attended the three Al-Azhar University’ modules. Nine medical, 11 pharmaceutical and 24 natural sciences participants (18 males) were selected by questionnaire and expert interview from 1835 applicants. Teaching included theoretical parts online and in physical presence, practical lab parts, PBL cases, videos, worksheets and group discussions. Assessment consisted of written assessment and research proposal writing and presentation.

To assess the process of the piloting we used questionnaires for participants and teachers. We asked the participants how competent they felt before and after each module (1 not competent at all to 10 very competent).