Biodiesel production using a mixture of immobilized *Rhizopus oryzae* and *Candida rugosa* lipases

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The mixture of immobilized *Rhizopus oryzae* and *Candida rugosa* lipases was used to produce biodiesel from soybean oil. Biodiesel conversion reached 70% at 18 h and was not increased further by using immobilized *R. oryzae* lipase only. The mixture of the two immobilized lipases greatly enhanced the rate of biodiesel production and increased biodiesel conversion. Biodiesel conversion reached over 99% at 21 h. The reusability of immobilized lipases was also investigated. Biodiesel conversion was maintained at over 80% of its original conversion after 10 cycles.