## The presence of NaCI has been described to enhance set approximation of the set of the set of the set isolater runn satisfies of the set of the set of the set tradet spectrum of K activity in the presence of satisfies were identified in a previous survey. The possibility that these zymoons could be more sable than the ones described so far, lead to the selection of the unit which yield and years in the selection of the unit which yield before any set.

The mapping of assume is basis are considered tables proteins, unified to biolechnological purposes, Preimmary experiments performed to characterize C. Obdensis K (Saco Shored Table, Deskisk keeping Its stable after inclusion in a reatively bload range of temperature and privilaus, whether or not in the presence of salt. These results renewed the interest applications, especially in the preservation of salted memories (and the order to achieve the industrial particular) in order to achieve the isolation, characterization of C. modernas K toon, an experimental product was global could be applications of an achieved to the order to achieve the isolation, characterization of C. modernas K toon, an najority of known K toxins are con s, unfitted for biotechnologica der to achieve the isolati molecular and biochemi . nodaensis K toxin, was developed, involv anol precipitation followed matography. Along with the in, the study of its mode of

## Partial purification and characterization of

## Candida nodaensis killer toxin





Experiments performed to characterize C. nodaensis K toxin showed that:

> Toxin stability is maintained after incubation in a relatively broad range of temperature, pH and NaCl concentrations

Toxin mode of action can involve programmed cell death mechanisms

>The predicted molecular weight of the K toxin from SDS-PAGE of FPLC active fractions lays around 120 KDa

Further work will focus on

- final steps on protein purification and sequencing
- detailed study of the mechanisms underlying K toxin induced cell death

