

Eawag Seminar Invitation

Growth versus storage: Exploring competitive strategies in microbial ecosystems

Speaker **Prof. Robbert Kleerebezem**
TU Delft, Netherlands

When **November 9, 11.00 – 12.00 a.m.**

Where **Forum Chriesbach, room C20, Eawag Dübendorf**

Abstract Microbial ecosystems are very creative in dealing with dynamic environmental conditions. Dynamic conditions can result from variations in redox conditions, the alternating presence and absence of substrates or variations in the presence of an energy source like light. In these conditions the capacity of microorganisms to produce and consume storage polymers provide a competitive advantage to microorganisms. In this presentation I will describe a number of examples of competitive strategies involving storage polymers and how these ecological principles can be used for process development.