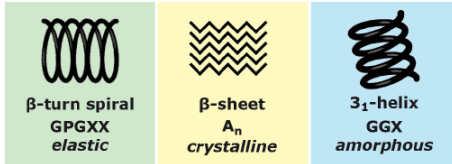


THEMA 2: ATR-FTIR-Spektroskopie an orientierten Filmen aus rekombinanter Spinnenseide

PD Dr. Martin Müller

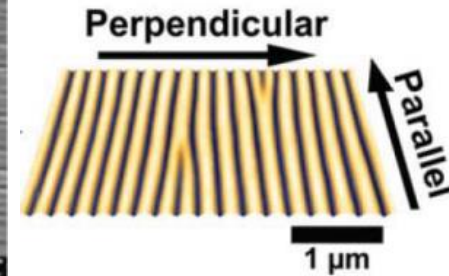
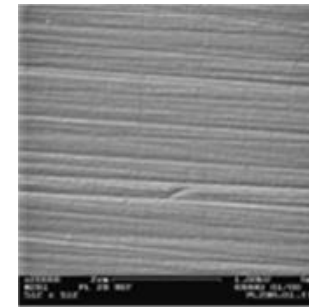
Material: Rekombinant hergestellte Spinnenseide



GSSAAAAAAS GPGGY GPENQGPS GPGGY GPGGP

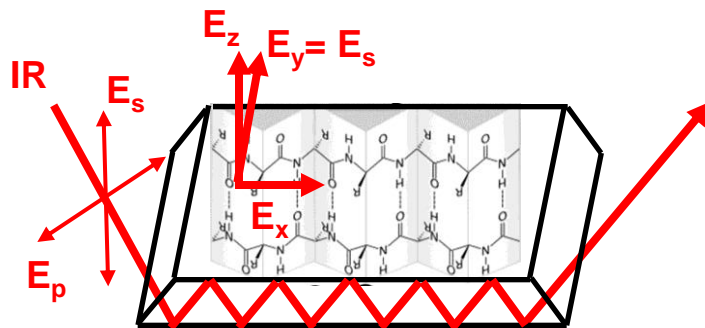
Substrat:

- Unidirektional texturierte (scratched) Siliziumträger
- Falten-(Wrinkle)-Folien



Einflußparameter: Lösungsmittel

Methode: ATR-FTIR-Dichroismus



$$A \propto \vec{E}^2 \cdot \vec{M}^2 \cos^2(\vec{E}, \vec{M})$$

