



SYIS – STUDENT MEET MENTOR

Jons Hilborn

Current Chaired Professor at Uppsala University where research focuses on design and synthesis of new polymer materials for in-vivo applications and modification of natural polymers and on exact design of self assembly systems inspired from nature or biology. Gels, porous materials and knitted fabrics provide scaffolds with compliance for 3D cell cultures. Current interest is the mechanical interaction between implant and tissue and its implications for fibrotic reactions. Applications are mainly found in soft tissue repair and regeneration in areas such as urology and cardiovascular but also cartilage, bone and neural tissue.