

## **Materials compatibilization**

4<sup>th</sup> September 2019

Lund University, Sweden

Sponsored by STINT

Location: Chemical Center, hall F

**13.15 – 13.30** Welcome – Introduction

**Cedric Dicko**, Applied Biochemistry, Chemistry Dept., Lund.

**13.30 – 14.00** “Polymers compatibilization in biomedical implants and tissue engineering”

**Eliana Duek**, Department of Physiological Sciences, Biomaterials Laboratory, Pontifical Catholic University, Sorocaba, São Paulo – Brazil and Department of Materials Engineering, Faculty of Mechanical Engineering, University of Campinas, São Paulo – Brazil.

**14.00 – 14.30** “Sustainable bio-based polymers”

**Rajni Hatti-Kaul**, Biotechnology Division, Chemistry Dept., Lund.

**14.30 – 15.00** “Surface characterization of biomaterials from renewable sources”

**José Campos Terán**, Departamento de Procesos y Tecnología, Universidad Autónoma Metropolitana, Unidad Cuajimalpa, México. Visiting Professor at LINX and Physical Chemistry, Lund.

**15.00 – 15.30** Coffee break

**15.30 – 16.00** “Materials science perspective on living matter with X-ray and neutron scattering”

**Chris Garvey**, National Deuterium Facility, Bragg Institute, Australian Nuclear Science and Technology Organisation, New South Wales, Australia. Visiting Professor at LINX and Malmö University.

**16.00 – 16.30** “Artificial blood and the challenges of compatibilization”

**Leif Bülow**, Applied Biochemistry, Chemistry Dept, Lund.