

# WEBINAR ON BIODEGRADABLE MAGNESIUM-IMPLANTS

“ BRIDGING SCIENCE & ENTREPRENEURSHIP ”

Thursday 03 March 2022  
08:45 - 16:30 CET

08:45 Webinar opening

08:50



**Biological basis of Magnesium for musculoskeletal regeneration**

**Ling Qin & Jerry Xu**

*The Chinese University of Hong Kong*

09:50



**The nanostructural response of bone towards degrading Magnesium implants**

**Tilman A. Grünewald**

*Institut Fresnel Marseille*

10:30



**Paving the way for 3D-printed Magnesium alloys through process optimisation and material characterisation**

**Francesco D'Elia**

*Uppsala University*



**Porous Magnesium scaffolds - Challenges and opportunities of indirect additive manufacturing**

**Nicole Kleger**

*ETH Zürich*

11:40



**Entrepreneurship in Bioengineering after a Ph.D.**

**Emmanuel Stratakis**

*Foundation for Research and Technology Hellas*

12:30 Lunch break (1h)

13:30



**Product developed – what now? Role of the Medical Department**

**Inga Wefel & Denis Redondo Oviedo**

*Syntellix A.G.*

14:30



**How a Magnesium alloy becomes a medical device – from regulatory perspective?**

**Claudia Pieh**

*Syntellix A.G.*

15:30



**Beyond growth Factors: Magnesium as driver of cell differentiation**

**Charles Sfeir**

*University of Pittsburgh*

16:20 Closing remarks

Registration: [https://gu-se.zoom.us/webinar/register/WN\\_x6WrKYKrRpiCFmTUAOdMZA](https://gu-se.zoom.us/webinar/register/WN_x6WrKYKrRpiCFmTUAOdMZA)

Listed times are in Central European Time