

ACADEMIA-INDUSTRY CLUSTERS OF RESEARCH FOR INNOVATION CATALYSIS

Organizers

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Theme

The following quote underlines the need to bundle academic and industrial efforts:

“The translation of medically relevant academic inventions that could transform public health has been notoriously difficult, stemming largely from cultural differences between academia and industry. New initiatives to kindle academic entrepreneurship and establish stronger public/private partnerships are helping to align these differences and accelerating the translation of promising new therapies.”

Gehr & Garner, Cell, 2016

Initiatives have proliferated recently to facilitate more seamless transition of innovation processes from academic institutions to industry. These initiatives were / are encouraged and/or supported at different levels (e.g. local, regional, national or supranational) by academic institutions, governmental agencies and industries. The efficacy of such initiatives is assumed to depend on i) better mutual understanding of innovation motivations and environment by both academic and industry partners and ii) creation of a mutual critical mass of human power and resources, in both public and private setting.

The ESB2017 Translational Research Symposium will focus on ‘Academia-Industry clusters of research for innovation catalysis’. Translational research clusters across Europe will share their real experience in the clinical translation of biomaterials from both academic and industry perspective.

This event will be of interest to a wide audience ranging from medical device producers to academics and entrepreneurs and promoters of biomaterial technologies for medical applications. The program includes significant time for networking during coffee breaks, lunch and is also synchronized with other ESB2017 sessions throughout the day allowing the delegates to view other interesting lectures during the event.

Translation Award

This award is attributed to a postdoctoral scientist presenting the best contribution in translational research at the Biomaterials conference of the Society. The ESB council gives this

award. The winner is given a certificate and an honorarium of 300 €. Winner will be notified during the closing ceremony of the annual ESB conference.

The nominee need not be a member of the European Society for Biomaterials nor a citizen of a European country. The candidate must fulfill the following criteria:

The candidate must be a postdoctoral scientist who has completed their PhD no earlier than five years prior to the congress (a copy of the PhD showing the submission date of the PhD work is required).

The applicant must have an accepted abstract at the ESB annual meeting and should be the presenting author (first author).

The research study must be devoted to specific clinical applications and give an evidence of clinical potential through in vivo models and/or clinical tests while proving its industrial feasibility. Indications of IP protection and industrial involvement will be considered as added values.

Application deadline for the ESB translational research award is upon abstract submission to the annual ESB conference. The candidates should indicate on the Abstract Submission Form if they wish to be considered for the award.

Invited Speakers

Evonik

“Defined Biomaterial and Ingredients in Regenerative Medicine - the Evidence Paradigm”
Christian Kessler, Norbert Windhab

“Tissue Models driving Tissue Engineering Definition”

Prof. Heike Walles, Florian Groeber, Wurzburg Center for Reg Med and Cancer

“Nanoparticles or implant Device – Towards T-Cell targeted Cell-Therapy”

EU funded collaboration, Nijmegen, Oxford Evonik, Milano

Empa

“The interdisciplinary journey of a new antimicrobial coating towards the market”

Dr. Canet Acikgoz, Oerlikon Surface Solutions, LI Dr. Robin Bücher, Stryker, DE, Dr. Katharina Maniura, Empa Biointerfaces, CH

U Gent

“Innovative solid state cross-linking of hydrogel building blocks: how a beer on the annual Belgian Polymer Group Meeting opened a unique biomedical opportunity”

Peter Dubrueel, the PBM group and its collaborators @ Allnex

UCL (London)

“Reimagining transcatheter heart valves”

Gaetano Burriesci, UCL London

Lucideon

“Science for Industry – Advanced Materials for Biomedical Applications”

Prof. & Dr. Xiang Zhang, Lucideon and Royal Society Industry Fellow at University of Cambridge

CURAM / NUIG

“I am an academic – Do I need to work with industries?”

Dr. Dimitrios Zeugolis