

Preliminary Program

(The program may be subject to changes without prior notice)

14th International Conference on Biological Barriers

TUESDAY, March 3rd

11:00	Registration
13:00 – 13:15	Welcome
13:15 – 13:40	Hamid Ghandehari (Salt Lake City, US) <i>“Approaches for spatiotemporal drug delivery”</i>
13:40 – 14:05	Cameron Alexander (Nottingham, UK) <i>“Polymer therapeutics – Can we use new materials to cross BioBarriers for diseases of unmet need”</i>
14:05 – 14:15	Contributed talk
14:15 – 14:25	Contributed talk
14:25 – 15:00	Coffee break (posters & exhibition)
15:00 – 15:25	Elias Fattal (Paris, FR) <i>“Nanomedicines for immunomodulation”</i>
15:25 – 15:50	Ana Beloqui (Louvain, BE) <i>“Gut hormone stimulation via lipid nanocarriers as therapeutic strategy in the treatment of gastrointestinal disorders”</i>
15:50 – 16:00	Contributed talk
16:00 – 16:10	Contributed talk
16:10 – 16:20	Contributed talk
16:20 – 16:30	Contributed talk
16:30 – 17:30	Posters + industry exhibition
17:30	Welcome reception

WEDNESDAY, March 4th

08:30 – 08:55	Elise Lepeltier (Angers, FR) <i>“Lung cancer and microbiota: Inhalable nanomedicines with antimicrobial properties as an innovative strategy to fight lung cancer”</i>
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08:55 – 09:20	Jens Puschhof (Heidelberg, DE) <i>“Modelling cancer-microbe interactions with organoids and organ chips”</i>
09:20 – 09:30	Contributed talk
09:30 – 09:40	Contributed talk
09:40 – 09:50	Contributed talk
09:50 – 10:00	Contributed talk
10:00 – 10:30	Coffee break (posters & exhibition)
10:30 – 10:55	Sarah Hedtrich (Vancouver, CA) – Galenus Guest Speaker <i>“Local gene therapies to rescue severe genetic diseases of human epithelia”</i>
10:55 – 11:20	Otmar Schmidt (Munich, DE) <i>“Relevance of mechanobiology for improved clinical relevance of in vitro lung models”</i>
11:20 – 11:30	Contributed talk
11:30 – 11:40	Contributed talk
11:40 – 11:50	Contributed talk
11:50 – 12:00	Contributed talk
12:00 – 13:00	Lunch (posters & exhibition)

GALENOS meets TALENTS: Workshops for Young Scientists

13:00 – 14:00	Alumni Key Notes (3x 20 min.)
14:00 – 15:00	Alumni Roundtable I (7 x 5 min. + discussion)
15:00 – 15:30	Coffee break (posters & exhibition)
15:30 – 16:30	Alumni Key Notes II (3x 20 min.)
16:30 – 17:30	Alumni Roundtable II (7 x 5 min. + discussion)
17:30 – 17:50	Anna Hirsch <i>“Anti-infective drug discovery and development at the HIPS from a medicinal chemist’s perspective”</i>
17:50	Posters + industry exhibition
18:30	TALENTS reception

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THURSDAY, March 5th

Workshop Session

08:50 - 09:00 **PhD defended – what comes next? – Postdoctoral opportunities**

Short introduction: Claus-Michael Lehr

09:00 - 09:50 **Academic track: „How to become postdoc?**

Funding landscape

Introduction of selected funding bodies

Open discussion

09:50 - 10:40 **Industry track „How to get a job in Industry?**

Employer perspective

Getting prepared – Dos and Don'ts in job applications

10:40 - 11:10 Coffee break (posters & exhibition)

11:10 - 12:45 **“Start Up! – Founding a company in the life sciences sector”**

Founding - How and where to start?

Investors - What matters?

Pitch Session

In parallel session

08:50 – 12:45 **Current Technologies** (exact time will be determined)

Presentations from our exhibitors

12:45 – 13.45 **Lunch break & registration for CRS DeChAt participants**

30th CRS DeChAt Local Chapter Meeting

13:45 – 14:00 Welcome

14:00 – 14:25 **Andreas Keller** (Saarbrücken, DE)

„MicroRNAs as therapeutic agents: delivery strategies and translational barriers”

14:25 – 14:50 **Simone Schürle** (Zürich, CH)

“Engineering and controlling biomimetic and biohybrid microrobots for end- and transvascular drug delivery”

14:50 – 15:00 Contributed talk

15:00 – 15:10 Contributed talk

15:10 – 16:00 Posters & exhibition (with coffee)

16:00 – 16:25 **Rainer Haag** (Berlin, DE)

„Polyelectrolytes as potent antimicrobial systems”

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16:25 – 16:50	Maria Vicent (Valencia, ES) - <i>tba</i>
16:50 – 17:00	Contributed talk
17:00 – 17:10	Bio break
17:30 – 18:15	Poster flash talks
18:15 – 19:15	Roundtable “Emerging Pharma Companies”
19:15 – 19:30	Adjourn and walk to dinner location
19:30	Conference dinner

FRIDAY, March 6th

08:00 – 08:30	Registration & Coffee
08:30 – 09:30	General Assembly CRS DeChAT
09:30 – 09:55	Avi Schröder (Haifa, IL) <i>“Designing brain-targeted drug delivery systems for treating Parkinson’s disease”</i>
09:55 – 10:20	Wilfried Weber (Saarbrücken, DE) <i>“Remote-controlled drug delivery”</i>
10:20 – 10:30	Contributed talk
10:30 – 10:40	Contributed talk
10:40 – 11:10	Posters & exhibition (with coffee)
11:10 – 11:15	Young Scientist Committee Introduction
11:15 – 11:25	Contributed talk selected by YSC
11:25 – 11:35	Contributed talk selected by YSC
11:35 – 11:45	Contributed talk selected by YSC
11:45 – 11:55	Contributed talk selected by YSC
11:55 – 12:20	Bruno Sarmiento (Porto, PT) <i>“Multicompartmental bioengineered 3D intestinal models for advanced drug screening”</i>
12:20 – 12:45	Hagar Labouta (Toronto, CA) <i>“Microengineered platforms driving innovation in Nanomedicine”</i>
12:45 – 13:15	Poster Award Ceremony & Closing remarks Award for best poster, best flash talks and best short talk
13:00	End of the program