

Artificial Intelligence meets Health

-from desk to bench to bedside-



11th of November 2019

German Cancer Research Center (DKFZ), Heidelberg

Programme

09:30 – 10:00	Registration & Get-together
	Welcome
10:00 – 10:30	Gitte Neubauer - Cellzome, a GSK Company and BioRN Executive Board Michael Boutros - German Cancer Research Center (DKFZ) and BioRN Executive Board Theresia Bauer - Minister of Science, Research and the Arts, Member of the State Government of Baden-Württemberg
10:30 – 11:00	Keynote: The resolution revolution and the consequences for Heidelberg Stefan Hell - Max Planck Institute for Medical Research, Heidelberg and for Biophysical Chemistry, Göttingen
11:00 – 11:20	Computational single-cell genomics - advances and translational opportunities Oliver Stegle - German Cancer Research Center (DKFZ) and European Molecular Biology Laboratory (EMBL)
11:20 – 11:40	Machine Learning in Computer-aided Drug Design Rebecca Wade - Heidelberg Institute for Theoretical Studies (HITS) and Heidelberg University
11:40 – 12:30	<i>Research Short-Talks: project pitching by PhD Students and Postdoctoral Fellows</i>
12:30 – 14:00	Lunch & Networking & Industry Poster Exhibition

14:00 – 14:40	<p>HAEP - A Novel Format to Foster Academia-Industry Partnerships Friedemann Loos, BioRN</p> <p><i>HAEP Success Stories:</i></p> <ul style="list-style-type: none"> ○ Closing the gap between “episteme” and “techne”: challenges for successful biotechnology transfer Patrick Most - University Hospital Heidelberg, Jefferson University and AaviGen GmbH ○ Artificial Intelligence: Deep Learning in Medicine, Myth or Reality? Sergey Biniaminov - HS Analysis ○ Organs-On-A-Chip And Artificial Intelligence Platforms In Personalized Medication Development Ute Schepers - VasQlab and Karlsruhe Institute of Technology (KIT)
14:40 – 15:00	<p>opnMe.com, a digital platform for sharing chemical tools Adrian Carter - Boehringer Ingelheim</p>
15:00 – 15:20	<p>Value and Challenges of Data-Explosion in Pharma R&D Lars Greiffenberg - AbbVie</p>
15:20 – 15:40	<p>Artificial Intelligence - Benchmarking research in the Rhein-Neckar Region and implications for Life Science Players Maria de Kleijn - Elsevier</p>
15:40 – 16:00	<p>AI in Drug Discovery at Merck: benefits and perspectives Friedrich Rippmann - Merck</p>
16:00 – 16:20	<p>Robust Tumor Heterogeneity Characterization from Single-cell Sequencing with Graph-based Artificial Intelligence Brandon Malone - NEC Laboratories Europe GmbH</p>
16:20 – 16:50	<p>Keynote: Artificial intelligence: What exactly is it, and how can it support drug discovery? Lindsay Edwards - GlaxoSmithKline</p>
16:50 – 17:00	<p>Research Short Talk AWARD & Closing Remarks Michael Boutros - German Cancer Research Center (DKFZ) and BioRN Executive Board</p>
From 17:00	<p>Get-Together</p>

More Information: <https://www.biorn.org/biorn-annual-conference> and info@biorn.org

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