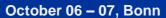
Program of the Annual AGD Meeting 2022



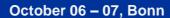


Annual AGD Meeting 2022: "Genomic Health and the Blockchain" - Day 1

Thursday, October 6

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11:00–12:00	Screening of Posters in the Auditorium
12:00–12:45	Lunch Break and Opening of the Industrial Exhibition
12:45–13:00	Welcome and Opening of the Scientific Symposium
13:00–15:30	German NGS competence centers (session 1) Session Chair: Joachim Schultze, DZNE, Germany
• 13:00–13:30	Lukas Schmitt (Dresden-concept Genome Center, Dresden) Prediction of designer-recombinases for DNA editing with generative deep learning
• 13:30–14:00	Joana Bernandes (Competence Centre for Genomic Analysis, Kiel) Precision medicine: Cell-resolved approaches to understand complex immune disorders
• 14:00–14:30	Dennis Lal (West German Genome Center, Cologne) Comprehensive genomic biomarker discovery in patients with common and rare epileptic brain lesions
• 14:30–15:00	Fubo Cheng (NGS Competence Center Tübingen, Tübingen) Systematic approach to decipher gene regulatory mechanism
• 15:00–15:30	Michael Papen (CommaSoft, Germany) Accelerate Research with FastGenomics
15:30–16:00	Coffee Break, Industrial Exhibition and Poster Viewing
16:00-17:00	Wolfgang Prinz (Vice Chair Fraunhofer FIT)
16:00–17:00	Wolfgang Prinz (Vice Chair Fraunhofer FIT) Blockchain – more than just crypto coins
16:00–17:00 17:00–19:00	,
	Blockchain – more than just crypto coins Blockchain in Healthcare (session 2)
17:00–19:00	Blockchain – more than just crypto coins Blockchain in Healthcare (session 2) Session Chair: Peter Krawitz, University Hospital Bonn TJ Yoon (medibloc, South Korea)
17:00–19:00 • 17:00–17:30	Blockchain – more than just crypto coins Blockchain in Healthcare (session 2) Session Chair: Peter Krawitz, University Hospital Bonn TJ Yoon (medibloc, South Korea) How to own your health data on the blockchain David Lazerson (Briya, Israel)
17:00–19:00 • 17:00–17:30 • 17:30–18:00	Blockchain – more than just crypto coins Blockchain in Healthcare (session 2) Session Chair: Peter Krawitz, University Hospital Bonn TJ Yoon (medibloc, South Korea) How to own your health data on the blockchain David Lazerson (Briya, Israel) Platform for end-to-end decentralized data retrieval Hartmut Schultze (Hewlett Packard Enterprise, Germany)
17:00–19:00 • 17:00–17:30 • 17:30–18:00 • 18:00–18:30	Blockchain – more than just crypto coins Blockchain in Healthcare (session 2) Session Chair: Peter Krawitz, University Hospital Bonn TJ Yoon (medibloc, South Korea) How to own your health data on the blockchain David Lazerson (Briya, Israel) Platform for end-to-end decentralized data retrieval Hartmut Schultze (Hewlett Packard Enterprise, Germany) Security in medical data – the next level Anna Graf (Bertelsmann, Hamburg, Germany)

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Annual AGD Meeting 2022: "Genomic Health and the Blockchain" - Day 2

Friday, October 7

9:00-11:00	Al in Clinical Applications (session 3) Session Chair: Ingo Kurth, University Hospital Aachen
• 09:00–09:30	Tzung-Chien Hsieh (University Hospital Bonn, Germany) GestaltMatcher: Next-generation phenotyping on medical imaging data of patients with rare disorders
• 09:30–10:00	Behnam Javanmardi (University Hospital Bonn, Germany) Bone2Gene – Al for skeletal malformations
• 10:00-10:30	Nikolas Pontikos (Institute of Ophthalmology, UCL, London) Eye2Gene – prediction of inherited retinal disease with Al
• 10:30-11:00	Jan Kirchhoff (medicalvalues, Germany) A software platform for diagnostic pathways and data enrichment
11:00–11:30	Coffee Break, Industrial Exhibition and Poster Viewing
11:30–13:30	Outreach and Creative Destruction of Medicine (session 4) Session Chair: Sebahattin Cirak, University Hospital Ulm
• 11:30-12:00	Matthias Becker (DZNE, Germany) How to build a good swarm experiment
• 12:00–12:30	Silvan Mertes (Chair of Human-Centered Artificial Intelligence, Augsburg) Explainable AI by counterfactual GANs
• 12:30–13:00	Shahida Moosa (Stellenbosch University, Cape Town, South Africa) Genetics in Africa: Myths, challenges, and triumphs
• 13:00–13:30	Ben Solomon (Clinical Director of National Human Genome Research Institute,US) The educational value of styleGANs
13:30–14:15	Oral Presentations of Poster Prize Winners 2021 & Awards 2022
14:15–16:00	Buffet, Industrial Exhibition
14:45–16:00	AGD General Assembly
16:00	End of Meeting
19:00	Speakers' Dinner im Nees

Program of the Annual AGD Meeting 2022

October 06 - 07, Bonn



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