

BMFZ MEETING IN DÜSSELDORF
December 2, 2016
“Genome Editing”



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9.15 h	Welcome	Guido Reifenberger, Düsseldorf
Session I		Chair: James Adjaye
9.30 h	Prospects and challenges of genome editing tools for genome surgery	Frank Buchholz, Dresden
10.15 h	Human induced pluripotent stem cell derived hepatocyte-like cells serve as a genetic-background specific model for non alcoholic fatty liver disease	Nina Graffmann, Düsseldorf
10.45 h	Coffee Break	
Session II		Chair: James Adjaye
11.15 h	Targeted gene disruption in hPS cells for investigating human cardiac development and disease	Boris Greber, Münster
12.00 h	Epigenetic alterations mediated by Ring1b are crucial for acinar cell dedifferentiation and pancreatic carcinogenesis	Ivonne Regel, Düsseldorf
12.30 h	Lunch	
13.45 h	Hadding award ceremony	Klaus Pfeffer, Vice President for Strategic Management and Equal Opportunities, Düsseldorf
	I. beta-Hairpin motifs of amyloidogenic intrinsically disordered proteins	Wolfgang Hoyer, Düsseldorf
	II. Caught in the act: Stabilization of soluble toxic Abeta conformers to elucidate early phases of Alzheimer's disease	Andreas Müller-Schiffmann, Düsseldorf
Session III		Chair: Andreas Weber
14.15 h	Genome engineering in plants	Holger Puchta, Karlsruhe
15.00 h	Engineering photosynthesis by genome editing	Andreas Weber, Düsseldorf
15.30 h	Coffee Break	
Session IV		Chair: James Adjaye
16.00 h	CRISVar: Generating structural variations to study the 3D organization of the genome in disease	Dario Lupianez, Berlin
16.45 h	Decoding the secret of Long Non-Coding RNAs using CRISPR/Cas9	Nan Qin, Düsseldorf
17.30 h	<u>Public lecture</u> CRISPR und andere Genscheren: Die schöne neue Welt der Gentechnik	Heiner Niemann, Neustadt
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18.30 h	Closing remarks	Guido Reifenberger, Düsseldorf

Location Haus der Universität, Schadowplatz 14, 40212 Düsseldorf

Time December 2, 2016; 9.15 h - 18.30 h

Program Committee James Adjaye (Chair), Andreas Weber (Chair), Arndt Borkhardt, Guido Reifenberger, Dieter Willbold

Organisation Cornelia Höner

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www.BMFZ.de (see BMFZ-Meeting 2016)