

GenEHumdi Annual meeting

Working Group Meeting

07/04/2025

7. April 2025 10:30-18:30 (UTC+01:00) Brussels, Copenhagen, Madrid, Paris.
University of Copenhagen, Frederiksberg Campus, Fest Aud. A1-01-01,
Bülowsvej 17, 1870 Frederiksberg, Denmark

Zoom; <https://ucph-ku.zoom.us/j/66342395644?pwd=XOb0l1sAJUCZLvpWnmOVUlnTTGmIw6.1>

Organized by the European COST Action “Genome Editing to Treat Human Diseases” (GenE-HumDi; Action CA21113)



Coordinated by

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Monday (April 7th, 2025)

10:00 – 10:15	Check-in and Accreditation
	Welcome & Overview of the meeting Karim Benabdellah, Alessia Cavazza, Jan Gorodkin
Session 1: WG2, Endonucleases and New Developments Speakers: Dr. Claudio Mussolino, Dr. Julian Ceron, Dr. Francisco Martín	
10:15 – 10:30	Claudio Mussolino: Strategic plan and overview of upcoming activities (WG2). New developments with self-assembling nucleases
10:30 – 10:45	Francisco Martín Molina: “Smart” Knock-In strategies for gene therapy applications
10:45– 11:00	Joint Q&A session for the two talks
11:00 – 11:15	Coffee break
Session 2: WG3, Delivery Technologies for Gene Editing Speakers : Duško Lainšček, Marcella Franquesa, Yonglun Luo	
11:15 – 11:30	Duško Lainšček: Strategic plan and overview of upcoming activities (WG3)
11:30 – 11:50	Marcella Franquesa: Basic concepts of EV production and isolation and their potential as gene delivery vehicles
11:50 – 12:10	Yonglun Luo: Optimization of lipid nanoparticles for mRNA and CRISPR delivery
12:10 – 12:20	Joint Q&A session for the three talks
12:20– 13:20	Lunch
Session 3: WG4, Off-Target Analysis Protocols Speakers: Carla Fuster, Nechama Kalter, Jan Gorodkin	
13:30–13:45	Carla Fuster: Strategic plan and overview of upcoming activities (WG4)
13:45–14:00	Nechama Kalter: Advances in CRISPR-Cas On- and Off-Target Efficiency and Specificity Measurements

14:00–14:15	Jan Gorodkin: Predictive Modeling in Gene Editing
14:15–14:30	Joint Q&A session for the three talks
Session 4: WG5/WG6, GMP Production of Gene Editing Tools and ATMPs Regulation Speakers: Alessia Cavazza (UCL), Carsten Lederer, Davide Magri	
14:30–14:45	Alessia Cavazza (UCL): Strategic plan and overview of upcoming activities (WG5/6)
14:45–15:00	Davide Magri (GS) Accelerating Cell and Gene Therapy Success with cGMP-compliant solutions
15:00–15:15	Carsten Lederer: Regulatory aspects and commercialization challenges for gene editing-related ATMPs
15:15–15:30	Joint Q&A session for the three talks
15:30– 16:00	Coffee break
Session 5: WG7, Dissemination, Webinars with CMN Speakers: Laura Torella, Javier Molina	
16:00– 16:15	Javier Molina: Strategic plan and overview of upcoming activities (WG7)
16:15– 16:30	Laura Torella: Presentation of the webinar series in collaboration with CMN
Session 6: International Collaboration & Regional Meetings Speakers: Khalid Sadki (Morocco, remote connection), Fatma & Erden Atilla (Turkey, remote connection), Melita Xetani	
17:00–17:30	Khalid Sadki: Possible agenda of the regional meeting in Rabat, Morocco Fatma & Erden Atilla: Possible agenda of the regional meeting in Ankara, Turkey Melita Xetani: Possible agenda of the regional meeting in Albania
17:30–18:30	Closing Remarks Summary and action points

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