BIH Berlin Institute of Health at Charité



BIH Scientific Symposium 2026

Beyond Boundaries – The Impact of Collaboration

September 24, 2026 | Langenbeck-Virchow-Haus

Scientific Program

08:00 am - 09:00 am	
Registration (badge pick-up) with Networking coffee	
09:00 am - 09:15 am	
Welcome Session *Chair: Max Schubach & Aybuge Altay* Introduction to the Symposium (by Organizing Committee, with PhD Net) Words of Welcome by Christopher Baum	**Lecture Hall**
Transition Time	
09:20 am - 10:05 am	
Scientific Session I **"Decoding Tumor Ecosystems and Disease Heterogeneity"** *Chair: Francesca Tiso* 1. Gräßle, S. - *"Decoding the cellular ecosystem of uveal melanoma"* 2. Jiang, Y. – *"Multi-omics mapping reveals a stromally organized immune-exhaustion ecosystem in checkpoint blockade-resistant bladder cancer"* 3. Cen, X. - *"CT-based deep embeddings Refined Patient Subtypes with Prognostic Implication of Gastric Cancer in Real-World Datasets"*	**Lecture Hall**
Workshop 1 *With: Foo Wei, Martin Braun und Jacques Ehret* *AI infrastructure at Charité/BIH: What do we have and what can we do?*	**Bernhard von Langenbeck** 1st floor
Workshop 2 *With: Peter Brunecker & Jennifer Hoos, Raphaela Fritsche, Izabela Plumbom* *Core Units*	**Rudolf Virchow** 2nd floor

Transition Time	

10:10 am - 10:40 am	
Poster Teaser Session I (20 minutes - 20 posters) *Chair: Anika Neuschulz* **Introduction Art Installation** "My Virtual Dream" - A collective, interactive multimedia installation	**Lecture Hall**
10:40 am - 11:45 am	
Poster Session I Ground floor: Core Units, Business Divisions & Staff offices 1st Floor: MG-1, MG-3, MG-5, MG-7, MG-9, MG-11, RM-1, RM-3, RM-5, RM-7, RM-9 2nd Floor: DS-2, DS-3, DS-5- DS-7, DS-9, DS-11, DS-13, PD-1, PD-3 **(with coffee break)**	**Foyer** - ground floor & 2nd floor **Wandelhalle** - 1st floor **Expertisium** - ground floor
11:45 am - 12:30 pm	
Scientific Session II **"Advanced Methodologies for Genomic and Cellular Analysis"** *Chair: Max Schubach* 1. Salomon, K. - *"Massively parallel characterization and predictive modelling of neuronal regulatory variation"* 2. Salla, M. - *"Cryo-mtscATAC-seq for single-cell mitochondrial DNA genotyping and clonal tracing in archived human tissues"* 3. Minia, I. - *"UniCap-Seq: Universal capture of transgene insertion sites for diagnostic and research purposes"*	**Lecture Hall**
Workshop 3 *With: Tina Gundlach-Hauf* *Mentoring as a Leadership Experience –Shaping Your Role as a Young Researcher*	Bernhard von Langenbeck 1st floor
Workshop 4 *With: Karin Höhne, Raphaela Fritsche, Cyril Chéret* *Mental Health @ BIH – a panel discussion*	**Rudolf Virchow** 2nd floor

12:30 pm – 02:00 pm	
Lunch Break	

02:00 pm – 02:45 pm	
Scientific Session III **"AI and Large-Scale Health Data: From Infrastructure to Clinical Application"** *Chair: Aybuge Altay* 1. Rinaldi, E. - *"Building Bridges Between Healthcare, Public Health and Research through the European Health Data Space"* 2. Zeng, W. - *"Genetic decoding reveals druggable biology implicitly learned by a medical-history foundation model"* 3. Do, M.D. - *"Modeling Multimodal 3D Brain MRI Interactions for Brain Age Prediction"*	**Lecture Hall**
Workshop 5 *With: Foo Wei Ten, Magnus Hagdorn, Sören Brinkmeier, Clemens Messerschmidt* *HPC Services at Charité/BIH*	**Bernhard von Langenbeck** 1st floor
Workshop 6 *With: Sven Friedl* *Charité BIH ARC Innovation Center (CBAIC): Impact, Not Theory – How Does My Research Make Its Way to the Patient's Bedside?*	Rudolf Virchow 2nd floor

Transition Time

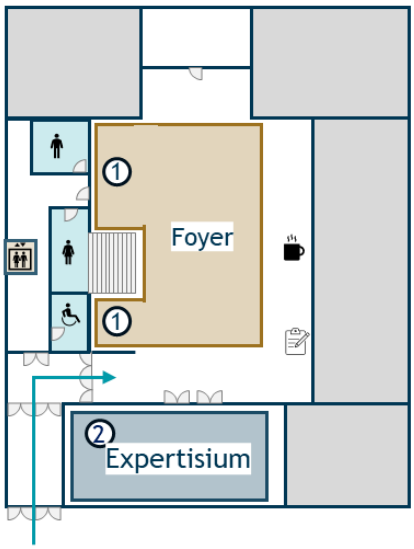
02:50 pm – 03:25 pm	
Poster Teaser Session II (20 minutes – 20 posters) *Chair: Max Schubach* **BIH-Services – Speed Talks**	**Lecture Hall**

03:25 pm – 04:30 pm	
Poster Session II Ground floor: Core Units, Business Divisions & Staff offices 1st Floor: MG-2, MG-4, MG-6, MG-8, MG-10, MG-12, RM-2, RM-4, RM-6, RM-8 2nd Floor: DS-1, DS-4, DS-6, DS-8, DS-10, DS-12, DS-14, PD-2, PD-4, PD-5 **(with coffee break)**	**Foyer** - ground floor & 2nd floor **Wandelhalle** - 1st floor **Expertisium** - ground floor
04:30 pm – 05:15 pm	
Scientific Session IV **"Translational Approaches in Regeneration, Immunotherapy & Body Composition"** *Chair: Anika Neuschulz* 1. Lim, R. - *"Targeted epigenetic engineering programs precision regulatory T cell products with antigen specificity and lineage stability"* 2. Storbeck, M. - *"Metabolic regulation of fracture healing: The role of bone marrow adipose tissue"* 3. Williamson, A. - *"Genetic architecture of fat and lean mass across body compartments in men and women"*	**Lecture Hall**
04:30 pm – 05:15 pm	
Workshop 7 *With: Laura Keßler, Valerie Bürger, Jungyeon Jung* **Implementing Patient Engagement at BIH: What does the community need?**	**Bernhard von Langenbeck** 1st floor
Workshop 8 *With: Nathalie Huber, Iwan Meij* **Discover the BIH Biomedical Innovation Academy: Spotlights on Career Support Programs and Fellows**	**Rudolf Virchow** 2nd floor
Transition Time	

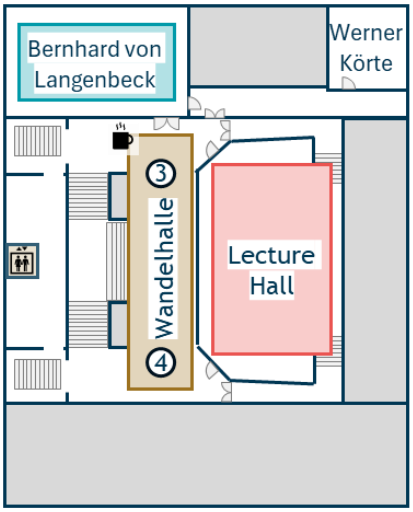
05:20 pm - 06:30 pm	
5:20 - 6:10	**Lecture Hall**
Panel Discussion *With: Christopher Baum, Avner Shahal, Louise Delwen Owen Franzen* *Moderation: Aleksandra Laski* **Embracing Failure — Rethinking Error Culture in Science**	
6:10 - 6:30	
Closing Session Announcement Poster Awards	
06:30 pm - 09:00 pm	
Networking Event	**Foyer** - ground floor
"My Virtual Dream" **A collective, interactive multimedia installation**	**Expertisium** - ground floor

Floorplan - Langenbeck-Virchow Haus

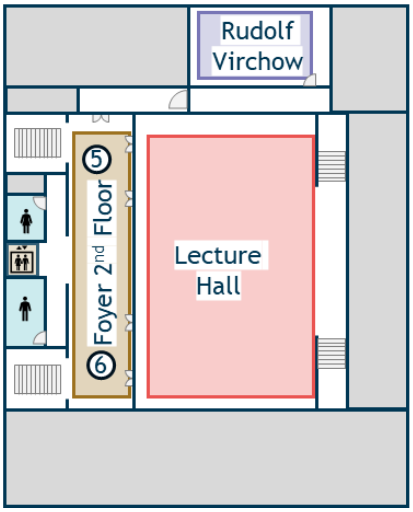
Ground Floor



1st Floor



2nd Floor



Ground Floor

Registration

Foyer	Poster session ① Core Units
Expertisium	Poster session ② Business Divisions & Staff offices

1st Floor

Lecture Hall	Scientific Sessions I - IV Poster Teaser I & II Overview Core Units Highlight Session
Wandelhalle	Poster session ③ Molecular and Genomic Mechanisms for Disease ④ Regenerative Medicine and Cell-Based Therapies
Bernhard von Langenbeck	Workshop 1 Workshop 3 Workshop 5 Workshop 7

2nd Floor

Lecture Hall	Scientific Sessions I - IV Poster Teaser I & II Overview Core Units Highlight Session
Foyer 2nd Floor	Poster session ⑤ Data Science, AI, and Health Informatics Infrastructure ⑥ Precision Diagnostics and Therapeutic Platforms
Rudolf Virchow	Workshop 2 Workshop 4 Workshop 6 Workshop 8

Registration	Ground Floor	Elevator
Coffee	Ground Floor 1st Floor	
Toilets	Ground Floor 2nd Floor	