

ESRR'26
April 16-19, 2026, Bergen, Norway

22nd European Symposium on
Radiopharmacy &
Radiochemistry

FINAL PROGRAMME





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For more than 20 years, JPT Peptide Technologies has supported the global biomedical community with high-quality peptide solutions spanning early discovery to clinical research.

From our state-of-the-art facilities in Berlin, Germany, we manufacture custom peptides under an ISO 9001:2015-certified quality management system, delivering quality, reliability, and reproducibility at every stage of your project.

For the radiopharmacy and radiochemistry community, JPT provides tailored peptide solutions to support the development of targeting vectors, reference compounds, screening tools, and preclinical research materials.

Our capabilities include:

- Linear, cyclic, stapled, and modified peptides
- Peptide libraries for screening and optimization
- Site-specific functionalization to enable conjugation strategies
- Light and heavy labelled peptides for analytical and bioanalytical applications

We look forward to discussing how JPT can support your peptide needs at ESRR'26 in Bergen.



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WELCOME ADDRESS

Dear Colleagues and Friends,

It is our great pleasure to welcome you to Bergen to attend the European Symposium on Radiopharmacy and Radiochemistry! We are delighted to host the 22nd edition of ESRR in Norway and to gather colleagues from across Europe and beyond for scientific exchange, collaboration, and discussion within our rapidly evolving field.

Often referred to as the gateway to the Norwegian fjords, Bergen is a historic coastal city on the western coast of Norway and has long served as an important center for trade, culture, and science. Founded in the year 1070, the city was once the capital of Norway and an important hub of the Hanseatic League. Today, Bergen is Norway's second-largest city and home to the University of Bergen, Haukeland University Hospital and several internationally recognized research institutions. Surrounded by mountains and fjords, the city offers a unique combination of rich cultural heritage, vibrant academic life, and spectacular natural scenery. The historic Bryggen wharf, a UNESCO World Heritage site, stands as a reminder of Bergen's long international connections.

The congress venue, Grieghallen, is one of Norway's most prominent cultural and congress centers. Named after the famous Norwegian composer Edvard Grieg, who was born, lived and worked in Bergen, the venue has hosted major international conferences, concerts, and cultural events since its opening in 1978. Located in the heart of the city, Grieghallen provides a top-modern and inspiring setting for scientific exchange and interaction.

The local host institution, Haukeland University Hospital, is one of Scandinavia's largest university hospitals and a central part of the Western Norway Regional Health Authority. Closely integrated with the University of Bergen, the hospital is a major center for medical research, clinical innovation, and advanced patient care.

In addition to the scientific programme, we hope you will have the opportunity to explore Bergen's historic streets, scenic surroundings, and vibrant cultural life. We trust that the combination of high-level science, engaging discussions, and the special atmosphere of this coastal city will make this 22nd ESRR meeting both productive and enjoyable. Velkommen til Bergen!

Tom Christian Holm Adamsen
Ole Heine Kvernenes



Photo:
Visit Bergen / Willy Haraldsen - visitBergen.com

ORGANISATION

Scientific Programme Committee:

Chair: Peter Laverman (Netherlands)

Martin Behe (Switzerland)
Jessica Bridoux (Belgium)
Frederik Cleeren (Belgium)
Filippo Lodi (Italy)
Thomas Mindt (Austria)
Cécile Philippe (Austria)

Local Organising Committee:

Tom Christian Adamsen
Ole Heine Kvernenes

Organising Secretariat:

AV ESRR
c/o EANM Executive Office
Schmalzhofgasse 26
1060 Vienna, AUSTRIA
+43 1 890 44 27
esrr@esrr.info
<http://www.esrr.info>

Congress Venue:

Grieghallen
Edvard Griegs Plass 1
5015 Bergen, Norway
<https://www.grieghallen.no/en>

EXHIBITORS & SPONSORS

We would like to thank all exhibitors and sponsors of the ESRR'26 for their support!

	Antec Scientific
	BIOEMTECH
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	COMECER S.p.A.
	Cyclomedica
	Eichrom Technologies
	Elysia-Raytest
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	Ridgeview Instruments AB
	RQS Alexander Ruffani
	Trasis
	Triskem International
	Von Gahlen

SCIENTIFIC PROGRAMME

Thursday, April 16, 2026

17:30	Opening Ceremony & Welcome
17:45-18:30	Welcome Lecture Chairpersons: Peter Laverman, Tom Christian Holm Adamsen <i>Roger Strand</i> (Bergen University, Norway): Medical/Research Ethics and the Societal Ethical Aspects of Emerging Sciences and Technology
18:30-19:00	Walk to Venue for Welcome Reception
19:00	Welcome Reception

Friday, April 17, 2026

08:30-10:05	Session I Chairpersons: Sophie Poty, Verena Pichler
08:30-09:15	Back-to-basics I: Small Proteins-Based Diagnostic and Therapeutic Agents: Where We are and Where We are Going <i>Thomas Ertveldt</i> (Vrije Universiteit Brussel, Belgium)
09:15-10:05	» OP01: Jessica Bridoux: Unlocking Enzyme-Powered Radiofluorination of Single-Domain Antibodies Using VyPAL2 » OP02: Annemarie Doze: Design, Synthesis and Evaluation of a Novel Fibroblast Activation Protein Inhibitor (FAPi)-Tracer Radiolabeled Using an Ultrafast Photoclick Reaction » OP03: Kim de Roode: Use of Highly Reactive Click-To-Release Components for Improved Click-Cleavable Radioimmunotherapy » OP04: Célia Fernandes: Overcoming Cetuximab Resistance in Colorectal Cancer Using an EGFR/SHP2-Targeted Theranostic Antibody-Drug Conjugate
10:05-10:35	Coffee Break

10:35-12:20	Session II Chairpersons: Cécile Philippe, Ludovic Le Saux
10:35-11:20	Emerging techniques: radioactive cell sorting and beyond <i>Cécile Philippe</i> (MedUni Vienna, Austria)
11:20-12:20	» OP05: Jennifer Storch: Hexadentate Acyclic DACH-Based Chelators for [212/203Pb]Pb2+: Towards Potential Applications in Nuclear Medicine » OP06: Ward Storms: Development & Preclinical Evaluation Of [18F]ALF-/[213Bi]Bi-3p-C-NETA-FAP2286, a Perfect Match for Short-Lived PET Imaging and TAT. » OP07: Camille Van Laere: Preclinical Evaluation of a New Theranostic Pair for CAIX-Positive Tumours: [18F]AlF-NOTA-DPI-4452 and [161Tb]Tb-DOTA-DPI-4452 » OP08: Simona Mastroianni: Carboxylic- and Amide Donor-Functionalized Pyridine-N-trans-Substituted Cyclen-Based Chelators for Lead-203 and Lead-212 Theranostic Radiopharmaceuticals » OP09: Abir Dhimen: Overcoming Chelator Limitations in Theranostics: a New Nota-Derived Hybrid for Al-18F and 177Lu
12:20-13:45	Lunch Break
13:45-15:18	Session III Chairpersons: Daniëlle Vugts, Jessica Bridoux
13:45-14:30	Animal experiments: 3R's, organoids and beyond <i>Emma Laporte</i> (KU Leuven, Belgium)
14:30-15:18	» OP10: Sébastien Guillet: 211At-Metal Bonding in N-Heterocyclic Carbene Complexes: Exploring an Alternative Side of the Halogen Chemistry of Astatine » OP11: Ludovic Le Saux: In Vivo Preclinical Assessment of [11C]Onalespib as a PET Radiotracer for Hsp90 Imaging » OP12: Anna Pees: Oxygen-15 Labelling of Carboxylic Acids via Ester Hydrolysis with [15O]Water
15:18-15:42	Coffee Break

15:42-16:30 Session IV

Chairpersons: Martin Behe, Diana Wicks

- » **OP14:** *Aicha Nour Laouameria:*
Palladium-103 as a Theranostic Auger Electron Emitter: from Cyclotron Production to Preclinical Spect Evaluation in Murine Models
- » **OP15:** *Magda Piatkowska:*
Palladium-103 -Labeled PsmA Radiotracer for Auger Electron Therapy of Prostate Cancer Metastases
- » **OP16:** *Lorenzo Tei:*
Development of a ¹⁰³Pd-Bioconjugate for Auger-Targeted Radionuclide Therapy
- » **OP17:** *Thomas Scheiblauer:*
Towards Auger Electron Therapy by Targeting the Cancer Biomarker Nucleolin with A F3-Radiopeptide Analog

16:30-17:00 Poster pitches

Chairpersons: Frederik Cleeren

- » **PP01:** *Subhadeep Paul:*
Development of Radiolabeled Nir- Silicon Rhodamines as Bimodal Radio/Optical Agents for Theranostic Cancer Treatment
- » **PP02:** *Ahmad Kurniawan:*
Radiosynthesis and In Vitro Evaluation of [¹²⁵I]CC1, a PARP-Targeted Auger Electron Radionuclide Therapy Agent
- » **PP03:** *Frederik Sachse:*
Development of Novel Chelator-Based Small-Molecule Radioligands for Imaging PD-L1-Positive Tumors
- » **PP04:** *Alessia Savio:*
Development of ¹⁷⁷Lu-iPSMA-iGRP78 Heterodimer with enhanced Internalisation in Prostate Cancer Cells
- » **PP05:** *Elmar Diekstra:*
[¹²³I]iodobicalutamide, a Novel Androgen Receptor Radioligand for Targeted Radionuclide Therapy and SPECT Imaging.
- » **PP06:** *Rafał Walczak:*
Radiobioconjugates of Co-55 for Three Gamma Tomography
- » **PP07:** *Jingjing Yu:*
Design and Evaluation of a ⁶⁸Ga-Labeled Dimeric Cyclic Peptide as a Large-Volume Linker Strategy for Balancing Affinity and Retention in CXCR4-Targeted PET Imaging
- » **PP08:** *Barbara Janota:*
Radical Scavenging Strategies in the Synthesis of Ac-225-Based Radiopharmaceuticals: A Two-Stage Approach to Minimize Autoradiolysis and Enhance Clinical Stability
- » **PP09:** *Laurene Wagner:*
Synthesis and Radiolabelling of Estradiol- and Peptide-Based Ligands Targeting Estrogen Receptor and Human Epidermal Growth Factor Receptor 2 for Breast Cancer Radiotheragnostics

17:00-17:30 Poster viewing

Saturday, April 18, 2026

08:30-10:05 Session V

Chairpersons: Robin de Kruijff, Barbara Lugato

- 08:30-09:15 **Back-to-basics II: Basics of reactor production of radionuclides**
Robin de Kruijff (TU Delft, Reactor Institute, Netherlands)
- 09:15-10:05
 - » **OP18:** *Pavel Barta:*
¹⁶¹Tb-Labeled Antiangiogenic Monoclonal Antibody Ramucirumab as an Effective Tool for Therapy of VEGFR2-Positive Micrometastasis
 - » **OP19:** *Johannes Nikodemus Staudinger:*
Development of Ruthenium-Based Photosensitizers Isotopically Labeled with Ru-97/103 for Theranostic Applications and Combined PDT/Endoradiotherapy
 - » **OP20:** *Ahmad Kurniawan:*
Assessing Cancer Cell Delivery of [¹⁶¹Tb]Tb-DOTA-olaparib Using Liposome Encapsulation Strategies
 - » **OP21:** *Eliza Lambidis:*
Radiochemistry and Preclinical Imaging Workflow For Tracking ²²⁵Ac Daughter Emissions in a FAP-targeted Oncology Model

10:05-10:35 Coffee Break

10:35-12:20 Session VI

Chairpersons: Julie Bolcaen, Filippo Lodi

- 10:35-11:20 **Why radiobiology and cellular dosimetry matter for advancing targeted radionuclide therapy**
Julie Bolcaen (Paul Scherrer Institut PSI, Switzerland):
- 11:20-12:20
 - » **OP22:** *Naveen Kumar:*
Prostate Cancer Theranostics Using ¹⁷⁷Lu and ⁴⁷Sc-labeled Grpr Antagonists: Integrated Imaging and Targeted Radionuclide Therapy in Combination with Everolimus
 - » **OP23:** *Maxime Cheveau:*
A First ¹⁷⁷Lu/¹⁶¹Tb/²²⁵Ac Radioimmunoconjugate Comparative Therapy Study Enabled by the Use Of A Versatile Bifunctional PYTA Chelator.
 - » **OP24:** *Barbara Lugato:*
Chelators for the Development of Complexes Radiolabeled with Ruthenium-97/103: a New Theranostic Tool for Nuclear Imaging and Endoradiotherapy
 - » **OP25:** *Maximilian Anderla:*
Unlocking the Potential of Ruthenium Radioisotopes for Radiopharmaceutical Development

12:20-13:45 Lunch Break

13:45-15:30	Session VII
	Chairpersons: Jonathan Cotton, Philip Elsinga
13:45-14:30	Emerging techniques in C-11 and F-18 radiochemistry <i>Jonathan Cotton</i> (Werner Siemens Imaging Center, Germany)
14:30-15:30	» OP27: Shireen Jozi: Structure-Activity-Relationship Investigation Of Modifications at the C-terminus of [68Ga]Ga-LW02050 on the Effect of the in Vitro/Vivo GRPR-Targeting Capability » OP28: Fatemeh Radnia: Substitution of Lysine1 in [68ga]ga-z02176, a Bradykinin B1 Receptor-Targeting PET Tracer, with lys(me), lys(me)2 or lys(me)3 Significantly Reduces Kidney Uptake While Relatively Retaining the Tumor Uptake » OP29: Mattia Asti: Tuning the Pharmacokinetic Profile of Two 68Ga-labelled Nastorazepide Derivatives Targeting CCK2R Expressing Tumors. » OP30: Paulina Pazitkova: Evaluating Multi-Site Chelation Strategies in PSMA Ligands: Insights from PSMA-617 and PSMA I&T » OP31: Shireen Jozi: Synthesis and Evaluation of 68Ga-labeled [D-Phe6,Thz14]Bombesin(6-14) Derivatives for Detecting Gastrin-Releasing Peptide Receptor-Expressing Cancer with Positron Emission Tomography
15:30-16:00	Coffee Break
16:00-18:00	Session VIII: Pharmacopeia Corner and GMP session – clinical trials with radiopharmaceuticals
	Chairperson: Oliver Kiß, Felicitas Landau
16:00-16:05	» Introduction of the session <i>Oliver Kiß</i> (Helmholtz-Zentrum Dresden-Rossendorf, Germany)
16:05-16:25	» Pharmacopoeia Update <i>Thijs Kroon</i> (Netherlands)
16:25-16:55	» Navigating the Bottlenecks in the Translation of Novel Radiopharmaceuticals <i>Margret Schottelius</i> (CHUV – Lausanne University Hospital, Switzerland)
16:55-17:25	» Clinical Trials in Nuclear Medicine: From Authorization to Execution <i>Felicitas Landau</i> (University Hospital Münster, Germany)
17:25-17:35	» AEA TWG-RPHR: Shaping the Future of Radiopharmaceutical Regulation Together <i>Clemens Decristoforo</i> (University Hospital Innsbruck, Austria)
17:35-18:00	» Pharmacopoeia Corner – Roundtable Discussion/Open Forum with Panelists <i>Marianne Patt</i> (University Hospital Augsburg, Germany), <i>Clemens Decristoforo</i> (University Hospital Innsbruck, Austria), <i>Felicitas Landau</i> (University Hospital Münster, Germany), <i>Margret Schottelius</i> (CHUV Lausanne, Switzerland)
20:00	Social Event supported by EANM

Sunday, April 19, 2026

08:30-10:05	Session IX
	Chairpersons: Margret Schottelius, Thomas Ertveldt
08:30-09:15	Back-to-basics III: Unveiling the Tumor Microenvironment through radiopharmaceuticals: beyond FAPI <i>Margret Schottelius</i> (CHUV – Lausanne University Hospital, Switzerland)
09:15-10:05	OP32: Martijn Moers: The Radiobiological Effects of FAP-targeted Radionuclide Therapy on Primary Cancer-Associated Fibroblasts OP33: Adrianna Bilinska: FAP Biology Determines the Diagnostic and Therapeutic Pharmacokinetics of Monomeric and Dimeric FAPI Radiopharmaceuticals OP34: Filipe Elvas: FAP PET/CT Imaging Using a Druglike 18F-FAPI in an Orthotopic Model of Pancreatic Adenocarcinoma OP35: Naveen Kumar: Theranostic Potential of DOTAGA.GLU2.(FAPI)2 with Enhanced Tumor Retention: Insights Into Imaging Performance and Efficacy of Fractionated Monotherapy
10:05-10:35	Coffee Break
10:35-11:35	Session X: ESRR-EANM joint session - Radiopharmaceutical Education: Mapping Needs and Gaps
	Chairpersons: Peter Laverman, Filipe Elvas
	Panel members: » <i>Marko Kroselj</i> (Ljubljana, Slovenia) - Coordinator Radiopharmacy course ETH » <i>Robin de Kruijff</i> (TU Delft, Reactor Institute, Netherlands) - Project leader of 2 national educational grants in NL » <i>Daniëlle Vugts</i> (Amsterdam UMC, Netherlands) » <i>Oliver Kiß</i> (Helmholtz-Zentrum Dresden-Rossendorf, Germany) - involved in German educational activities
11:35-12:15	Closing / Award ceremony
	Chairperson: Thomas Mindt
12:15	Farewell Lunch

SOCIAL PROGRAMME

Thursday, April 16, 2026
19:00

Welcome Reception
Håkonshalle
Bergenhus 10, 5003 Bergen

Saturday, April 18, 2026
20:00

Social Event supported by EANM
Galleri Nygaten
Nygaten 7, 5017 Bergen

Sunday, April 19, 2026
12:15

Farewell Lunch
Congress Venue



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POSTER PRESENTATIONS

PP01
Development of Radiolabeled NIR- Silicon Rhodamines as Bimodal Radio/Optical Agents for Theranostic Cancer Treatment
Subhadeep Paul, Germany

PP02
Radiosynthesis and In Vitro Evaluation of [125I]CC1, a PARP-Targeted Auger Electron Radionuclide Therapy Agent
Ahmad Kurniawan, Netherlands

PP03
Development of Novel Chelator-Based Small-Molecule Radioligands for Imaging PD-L1-positive Tumors
Frederik Sachse, Germany

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Development of ¹⁷⁷Lu-iPSMA-iGRP78 Heterodimer with Enhanced Internalisation in prostate Cancer Cells
Alessia Savio, Italy

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[123I]Iodobicalutamide, A Novel Androgen Receptor Radioligand for Targeted Radionuclide Therapy and SPECT Imaging.
Elmar Diekstra, Netherlands

PP06
Radiobioconjugates of Co-55 for Three Gamma Tomography
Rafał Walczak, Poland

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Design and Evaluation of a ⁶⁸Ga-Labeled Dimeric Cyclic Peptide as a Large-Volume Linker Strategy for Balancing Affinity and Retention in CXCR4-Targeted PET Imaging
Jingjing Yu, China

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Radical Scavenging Strategies in the Synthesis of Ac-225-Based Radiopharmaceuticals: A Two-Stage Approach to Minimize Autoradiolysis and Enhance Clinical Stability
Barbara Janota, Poland

PP09
Synthesis and Radiolabelling of Estradiol- and Peptide-Based Ligands Targeting Estrogen Receptor and Human Epidermal Growth Factor Receptor 2 for Breast Cancer Radiotheragnostics
Laurene Wagner, Germany

PP10
A Rigorous Monte Carlo Simulation Framework for Actinium-225-PSMA-617 Targeted Alpha Therapy in Metastatic Castration-Resistant Prostate Cancer
Ali Alshehri, Saudi Arabia

PP12
Improved Quality Control of [¹⁸F]FDG: Overcoming Matrix Effects with Advanced Column and Rinsing Strategies
Detlef Jensen, Netherlands

PP13
Product Quality Review of the [¹⁸F]FDG radiopharmaceutical
Marija Atanasova Lazareva, North Macedonia

PP14
Integrating Risk Assessment for Effective Process Control in Radiopharmaceutical Production Facility
Maja Chochevska, North Macedonia

PP15
Stereoselective Synthesis of ¹⁸F-Labeled Specialized Pro-Resolving Mediators
Åshild Sørskår, Norway

PP16
Synthesis and Preclinical Evaluation of Gallium-68 and Zirconium-89 Labeled Desferrioxamine-B Analogues for PET/CT Imaging of Infection.
Robin Maradan, Austria

PP17
Preclinical Target Validation of the Chemokine Receptor Type 2 Supporting Brain PET Tracer Development
Bieneke Janssen, Netherlands

PP18
[¹⁸F]Fluoroethylveliparib: A novel PET Radiotracer for PARP Imaging in Glioblastoma
Sreelakshmi Unnikrishnan, Netherlands

PP19
Comparison of Alpha-Synuclein Binding of Several PET-tracer Candidates by Molecular Docking and ¹⁸F-Labeling/Automation of Most Potent Molecule
Fernando Oviedo Garza, Netherlands

PP20
Development and Evaluation of Two [^{99m}Tc]TC Tricarboxylic Complexes Derived from Erlotinib for Molecular Imaging in Triple Negative Breast Cancer.
Maria Emilia Tejeria, Uruguay

PP21
Introducing Site-Specific N-terminal Modification and Radiolabeling of Nanobodies for Improved in Vivo Performance
Marie Velada Dugois, Netherlands

PP22
Evaluation of the Metabolic Response of Glioblastoma Spheroids to [⁶⁴Cu]CuCl₂
Filipa Mendes, Portugal

PP23
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Dana Zappaterra, Germany

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Chiara Favaretto, Italy

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Shireen Jozi, Canada

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PP29
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Camille Custodio, France

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Diana Rodrigues, Portugal

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Eduard Pogorilyy, Norway

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PP35
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PP38
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PP39
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Clemens Decristoforo, Austria

PP40
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Andrzej Czudek, Poland

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In Vivo Pharmacokinetics of Novel ⁶⁸Ga-labeled pt(iv)-dfo Complexes in an Orthotopic Osteosarcoma Mouse Model

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Inês Farinha Antunes, Netherlands

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Taraneh Sadat Zavvar, Austria

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Laura Trump, Belgium

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Ali Alshehri, Saudi Arabia

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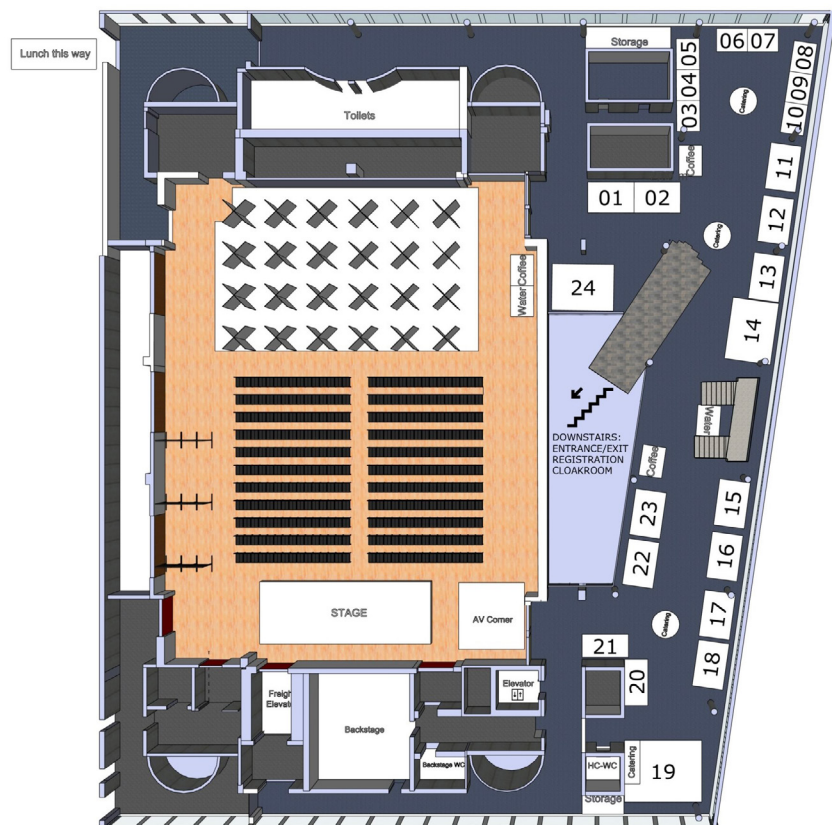
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EXHIBITION PLAN



Venue Overview

Griegshallen
Edvard Griegs Plass 1
5015 Bergen, Norway
www.griegshallen.no/en

Registration Desk

1st floor - Foyer 1 Peer Gynt

Industry Exhibition

2nd floor – Foyer 2 Peer Gynt

Scientific Programme

2nd floor – Peer Gynt hall

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Booth Number	Company
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03	IRE ELiT
04	Von Gahlen
05	Ridgeview Instruments AB
06	RQS Alexander Ruffani
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19	Young Minds Lounge
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21	Innovation Norway
22	Bruker BioSpin GmbH & Co. KG
23	JPT Peptide Technologies GmbH
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CONTENT

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