

3rd Health From Space

INTERNATIONAL CONGRESS

PROGRAM

2-3 APRIL 2025

Palais des Festivals de Cannes
FRANCE

The «Health from Space» Congress explores how space-based research will revolutionize life sciences and health. Join global experts and industry leaders to discover new therapeutic applications and business opportunities in microgravity.



www.healthfromspace.com

QUINZE MAI





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Liberté
Égalité
Fraternité



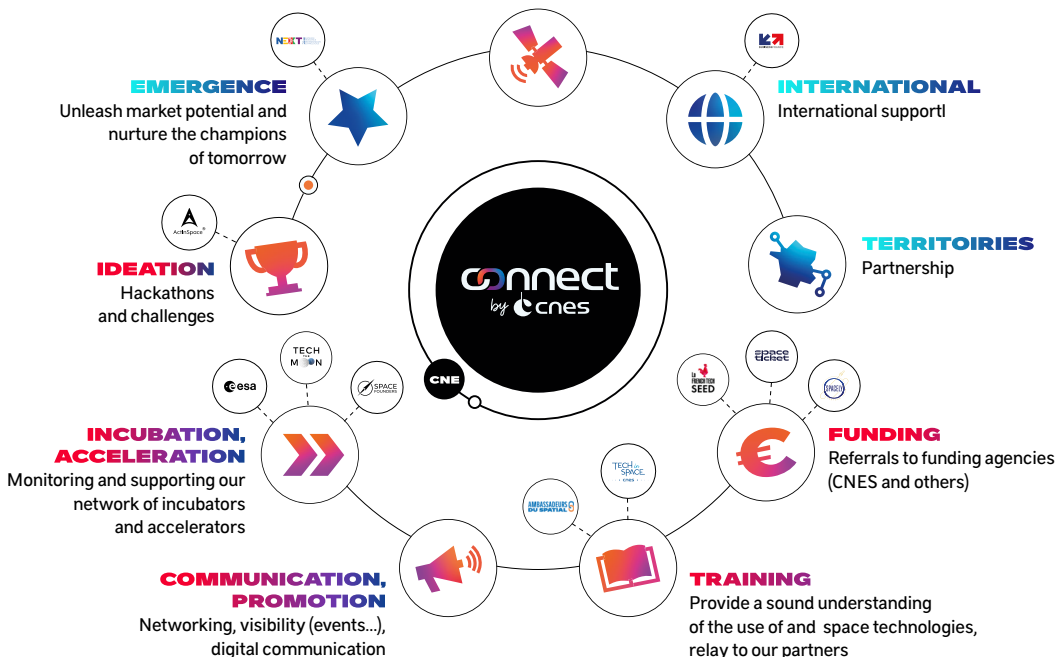
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WELCOME LETTER

Where do we stand on quality of life? Worldwide, several thousand diseases affect humans of which only about five hundred have any treatment, more than seven hundred million people suffer from malnutrition, health care for aging people and related diseases concern more than one billion people and more such issues are at stake.

With you and our partners, our vision and our values, we have the ambition to create with the 'Health from Space' conference a platform for the accelerated discoveries of therapies and advances in quality of life, for individuals as well as humankind globally.

Indeed, the life sciences, health and related biomaterial domains, are on the verge of a disruptive evolution, actually a revolution, thanks to the possibility to establish and operate facilities in the environment of space.

Oddly enough, most of the actors in these domains are unaware of these coming dramatic changes and it will happen that, even though the pharmaceutical and cosmetics industries can be considered fully mature with turnovers each of more than one trillion per year and hundreds of millions of dollars in research and development annually, the new environment offered by space is poised to dramatically impact those numbers positively. **The potential scientific, technological, and commercial benefits of microgravity research and development as well as manufacturing in space are considerable and will revolutionize traditional Earth-bound development and processing methods for these whole sectors.**

This revolution will stem both from the easier access to space in terms of cost and flight opportunities, and from the new space platforms and private stations planned to be launched from all over the world. Together with the new advanced and miniaturized laboratories, these will provide researchers and industry alike with exceptional opportunities to conduct experiments in a disruptive microgravity environment that will meet scientific and manufacturing principal standards. The resulting number of applications is expected to increase drastically from new therapeutics to anti-aging, regenerative medicine, and to stem cell research in general to name just a few. The whole pharmaceutical, cosmetics, medical, biotechnology and biomaterial industries will become major participants in the frame of the commercialization of space.

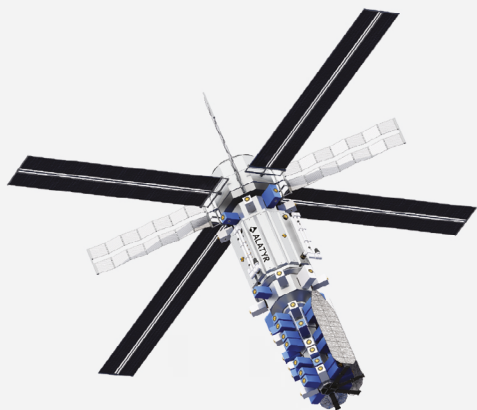
As key actors of these domains, we invite you to attend this high-level event which is expected to gather several hundred participants including worldwide experts and investors as well as CEOs and other C-Level executives from the Pharma, Cosmetics, Biotechnology, Nutrition, Medical and Advanced Biomaterials Industry. Heads of Scientific Institutions and Space Agencies, as well as other Government Officials will share in discussions on how to foster these innovations.

AS A CONFERENCE PARTICIPANT:

- Learning about how state-of-the-art space systems will revolutionize life sciences and health.
- Learning how big a market health will be for space companies.
- Unique opportunities to listen to and directly meet world leaders in the field thanks to the 'in-person' only participations.
- Discover new startups through pitches.
- Exceptional occasions to meet investors: several key investment deals were generated at 'Health for Space 2023 & 2024'.
- Get hints for new possible business

AS A SPONSOR AND EXHIBITOR:

- High level B2B and B2G networking possibilities.
- International visibility.
- A business accelerator to initiate partnership, contracts, and agreements.
- Increase your brand awareness towards high executives and decision makers.
- Have additional highly visible opportunities to showcase your projects and products, both inside the event and through media access priorities



Join us in shaping the future where biotech meets space,
for life changing advances on Earth!

contact@alatyr.space
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**DEVELOPING COMMERCIAL
USE OF MICROGRAVITY**

ASTROBIOME®



Meet us @ booth 8



EXPLORE LUXEMBOURG'S SPACE ECOSYSTEM
Discover our Space Directory 2024

ORGANISING COMMITTEE

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JEAN-MARC DELVIT, CNES

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FLORIAN MARMUSE, ESA-CIC

SYLVAIN ROUGET, FSA

EMILIE ROYERE, EUROBIOMED

PROGRAM COMMITTEE

	Specialty	Location
ROBERT LANGER , MIT USA	LIFE	USA
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PATSY MACDONALD , CADW	LIFE	USA
ALEXIS PAILLET , CNES	SPACE	FRANCE
AZITA DJALILVAND , ROCHE Diagnostics	LIFE	USA

APRIL 2, 2025

8:00 – 8:45 Registration – Palais des festivals et des congrès

8:45 – 9:00 Entrance to plenary auditorium

9:00-9:30

Welcome:

Francoise BRUNETEAUX,

Regional Counselor, Deputy Mayor of Cannes

Conference opening:

Daniel NEUENSCHWANDER, ESA, Director, Human and Robotics Exploration

Jean-Marc ASTORG, CNES, Director of Strategy

Robyn GATENS, NASA, Director, International Space Station

Lisa CARNELL, Director, NASA's Biological and Physical Sciences Division

9:30-10:30

PANEL 1:

The move towards health from space across the world

Fireside chat: Astronaut Andreas **MOGENSEN** with

Daniel NEUENSCHWANDER

Moderator: **Francesco BONGIOVANNI**, CEO, Orbital Solutions Monaco

Audrey BERTHIER, CEO, MEDES, France

Geraldine NAJA, Director, CIC, European Space Agency

Marc SERRES, CEO, Luxembourg Space Agency

Aleksandra STANKOVIC, Director, Center for Space Medicine Research, MGH, HMS, USA

Q&A with attendees and the Press

10:30-10:50



Coffee break

10:50-11:50

PANEL 2:

Can space help tackle neurodegenerative diseases

Moderator: **Frederic GIRARD**, President, France Biotech

Uriah BECKENSTEIN, CEO Nucleo-Tech

Stefan LUEBCKE, Director Yuri Luxemburg

Alain MARTELLI, PFIZER

Q&A Round Table

11:50-12:50

PANEL 3:

Space from regenerative medicine to cosmetics

Moderator: **Isabelle CASTIEL**, Scientific Communication Director, L'OREAL Research & Innovation

Ann BELIEN, CEO, Rejuvenate Biomed

Julie FAITG, Senior Manager Applied Research & Regulatory Affairs, TIMELINE

Frederic FLAMENT, Global head Clinical & Physics Evaluation Intelligence, L'OREAL

Yael BERTON, Program Manager, CUTISS INNOVATION

David SMADJA, Director Res. Lab., EHGP Hospital

Q&A Round Table

12:50-13:50



B2B Lunch

2-3 APRIL 2025

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13:50-14:45

PANEL 4:

Deep tech for disruptive innovation in health from space

Moderator: Philip CARVIL, STFC-UKRI

Molly MULLIGAN, Director Business Dev, REDWIRE

Yves DURAND, PM, -SAFE CLUSTER

Daven NORTHRUP-KUDER, Lead Scientist, RHODIUM Scientific

Cyril WYON BOYAULT, CEO ONE-TRECK

Q&A Round Table

14:45-15:40

PANEL 5:

Advances in space access and return

Keynote: Giorgio TUMINO, Chief Technical Advisor for Space Transportation, ESA

Moderator: Adeline MARTIN, MEDES/CNES

Fabio CARAMELLI, PM, SPACE RIDER

Eric LASKER, CRO, VARDA

Devon PAPANDREW, VP STOKE SPACE

Guillaume DIEPPEDALLE, Head of Business Development, Atmos Space Cargo GmbH

Pierre NOWACKI, Sales Manager, LATITUDE

Q&A Round Table

15:40-16:35

PANEL 6:

Space infrastructures: stations, platforms, gateways

Moderator: Francesco LIUCCI, ESA

David CAPONIO, SVP, VAST

Ken SAVIN, CSO, REDWIRE

Hugo VERJUS, Managing Director, ANDROMACH SPACE

Luis ZEA, CHIEF SCIENTIST, STARLAB-SPACE

Q&A Round Table

16:35-17:00



Coffee break

17:00-19:15

PANEL 7:

Special session with High level international panel

SPACE FOR LONGEVITY

Andreas MOGENSEN, ESA Astronaut: The HUGGIN Mission

Q&A



movie exclusive projection

Introduction by Ruben FIGUERES, Producer

«LONGEVITY HACKERS» (2024) - EXCLUSIVE PROJECTION

18:30-19:15

Longevity panel and debate

Moderator: Paul KAMOUN, HFS

Andreas MOGENSEN, ESA Astronaut: The HUGGIN Mission

Ann BELIEN, CEO Rejuvenate Biomed

Sam SHARIFI, CSO Matter Bio

Eric GILSON, Director IRCAN

Ruben FIGUERES, Producer

Petr SRAMEK, Managing Partner, VC Longevity Tech Fund

19:15-20:30



NETWORKING COCKTAIL

APRIL 3, 2025

8:00 – 8:45 Registration – Palais des festivals et des congrés

8:45 – 9:00 Entrance to plenary auditorium and Welcome

9:00-9:40

PANEL 8:

Space innovations for rare/orphan diseases

Moderator: Jean-Philippe **ANNEREAU**, CEO, MEDETIA

Elvire **GOUZE**, CEO, JALERAN

Victoria **RENDON**, PROMETHEUS

Fabien **SAUVET**, Institut de recherche biomédicale des armées

Maura **STRIGINI**, INSERM

Q&A Round Table

9:40-10:20

PANEL 9:

Space to fight antibiotic resistance

Moderator: Alexandra **BELTOISE**, EUROBIOMED

Heath **MILLS**, CSO, RHODIUM Scientific

Fathi **KAROUIA**, NASA Ames Research Center

Daniel **KOGAN**, SpacePharma

Luis **ZEA**, CHIEF SCIENTIST, STARLAB-SPACE

Q&A Round Table

10:20-10:45



Coffee break

10:45-11:00

Presentation:

ESA BIOLOGY ROADMAP FOR SPACE EXPLORATION

11:00-11:50

PANEL 10:

Space for genes and cells therapies

Keynote: Pr. David **SMADJA**, Director, Research Lab, EGP Hospital

Moderator: Annette **MASSIAS**, Ecole des Mines

Joseph **BORG**, CEO, SPACEOMICS

Tobias **NIEDERWIESER**, BioServe

Francois **BERGER**, UGA Grenoble

Q&A Round Table

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FRANCE



APRIL 3, 2025

12:00-13:00

PANEL 11:

Investments landscape in 2025

Moderator: Bernhard HUFENBACH, ESA-HRE

Florence ALLOUCHE-AKNIN, CEO, Sorbonne Ventures

Gianluigi BALDESI, Head of the Ventures and Financing Office, ESA

Jana HECKER, Senior partner, Einstein ventures

Lior HERMANN, CEO Hermann Technologies

Benjamin PAVIE, Senior partner EXPANSION

Q&A Round Table

13:00-14:00



Networking Lunch

14:00-15:00

PANEL 12:

In-space manufacturing for health: industry 5.0

Moderator: Eric-Olivier PALLU, EU-EIC

Kyle ACIERNO, CEO, Exobiophere

Nicolas GAUME, CEO, SPACE CARGO

Emeric LHOMME, CEO, ALATYR

Fathi KAROUIA, BIOSERVE Space Technologies

Molly MULLIGAN, Director Business Dev, REDWIRE

Yossi YAMIN, CEO, SpacePharma

Q&A Round Table

15:00-16:00

PANEL 13:

Regulatory frameworks and market trends

Keynote: Cynthia BOUTHOT, CEO, SCM

Moderator: Cecile THEARD-JALLU, Int. Bar Assoc.

Aimee DADOUN, ICOSA

Ignacio KRASOVITZKY, xponential space

Vladimir LESHKO, Unlimited Bio

Francesco LIUCCI, ESA-HRE

Q&A Round Table

16:00-16:30

PANEL 14:

High level recommendations – round table

Moderator: Bernhard HUFENBACH, ESA-HRE

Luca DEL MONTE, ESA-CIC

Azita DJALILVAND, ROCHE Diagnostics

Emmanuel LEMOUDER, Eurobiomed

Alain MARTELLI, PFIZER

Eric-Olivier PALLU, EU-EIC

Q&A Round Table



FAREWELL DRINK - NETWORKING
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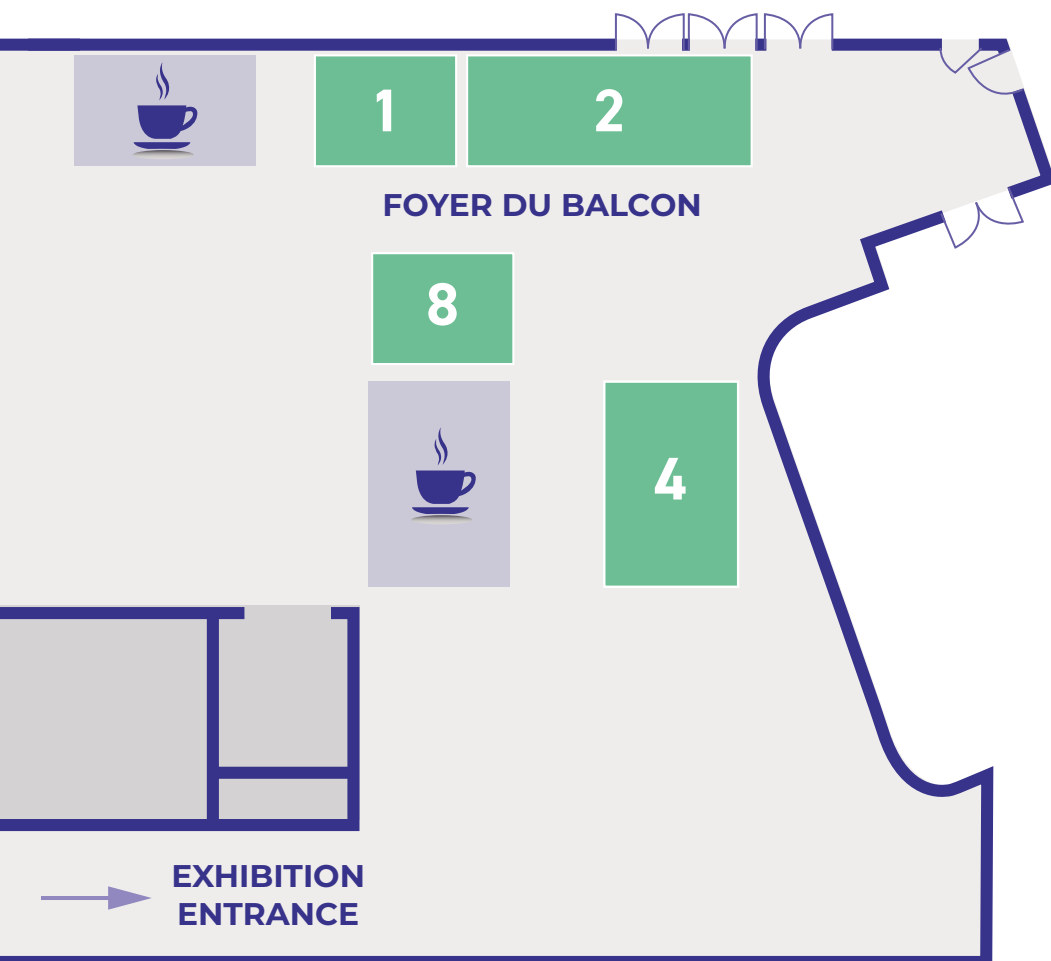
EXHIBITORS BOOTH

- 1. ALATYR**
- 2. CNES** (Centre National d'Études Spatiales)
- 8. LSA** (Luxembourg Space Agency)
- 4. ESA** (European Space Agency),
BSGN (Business in Space Growth Network)

**PLENARY ROOM
ACCESS**

PLENARY ROOM

EXHIBITION MAP



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OTHER EXHIBITORS & SPONSORS



2-3 APRIL 2025
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GENERAL INFORMATION

VENUE

Palais des Festivals et des Congrès de Cannes
1 Bd de la Croisette,
06400 Cannes

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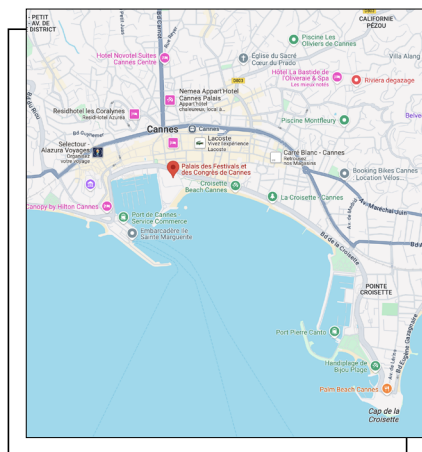
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For more information, please visit the congress website:
<https://www.healthfromspace.com/en/>



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NOTES

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**Building
Humanity's
Next
Space
Stations**



BSGN

Business in Space Growth Network

3RD HEALTH FROM SPACE INTERNATIONAL CONGRESS

Life Sciences Innovation in Space

The Business in Space Growth Network (BSGN), an ESA initiative, fosters a commercial space ecosystem, enabling life sciences, pharmaceutical, and cosmetics industries to access space-based R&D and biomanufacturing. Microgravity provides unique conditions for breakthrough discoveries that advance life sciences and medicine.

Since 2021, the BSGN Life Sciences Industry Accelerator, managed by MEDES, has been at the forefront of innovation in diagnostics, pharmaceuticals, and bioproduction.

The Accelerator leverages space-based environments to accelerate research, development, and biomanufacturing in biotechnology, pharmaceuticals, and cosmetics.

From early-stage research to market-ready applications, life sciences industries can harness microgravity's potential to drive breakthroughs at every stage of development.

