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**February 15, 2023**

**8:00 - 8:45      REGISTRATION – PALAIS DES FESTIVALS ET DES CONGRÉS**

**8:45 - 9:00      ENTRANCE TO PLENARY AUDITORIUM**





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February 15, 2023



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## SESSION 1 : KEY SPACE ACHIEVEMENTS AND CHALLENGES FOR PHARMA, COSMETICS, NUTRITION, ADVANCED MATERIALS

9:00 - 9:10 WELCOME: ESA DG Josef ASCHBACHER

### PANEL 1: What are the most effective mechanisms to develop NewSpace applications?

9:10 - 9:30 Lisa DENZER, ESA, The BSGN Initiative

9:30 - 9:45 Audrey BERTHIER, CEO, MEDES, Life Sciences

9:45 - 10:00 Guillaume PRIGENT, Emmanuel MONDON ESA – BASS-BSGN Applications

10:00 - 10:15 Pascal ROSENFELD, CFO, ALEPH-FARMS

10:15 - 10:45 Q&A Moderator: Michel CASTELLANET, SAFECLUSTER

10:45 - 11:10 Coffee Break

### PANEL 2: Which domains are the most mature for in-space manufacturing?

11:15 - 11:45 Ken SAVIN, CSO, REDWIRE. 'Developing Products in Space: what it is going to take'

11:45 - 12:00 Andrei SAPERA, Ice Cubes Life Sciences: Current and future developments

12:00 - 12:15 José SALGADO, CMO, SCM, Tackling Agri and Food Challenges from Space

12:15 - 12:30 Liliana LAYER, CSO, PROMETHEUS, 'Production in Space for Health on Earth'

12:30 – 13:00 Q&A Moderator: Daniel CAMPBELL, SP-UK

13:00 - 13:55 B2B Sandwich Lunch





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## SESSION 2: KEY SPACE ACHIEVEMENTS AND CHALLENGES FOR BIOTECHNOLOGY, MEDICINE, LONGEVITY AND HUMAN SPACE FLIGHT

### PANEL 3: What medical domains are in greatest need of urgent innovation?

- 14:00 - 14:20 **Frederic REVAH, CEO, GENETHON, Space meeting the challenges of Gene Therapy?**
- 14:20 - 14:35 **Dity NATAN, VP-R&D, AMORPHICAL, Amorphous Calcium Carbonate for Longevity**
- 14:35 - 14:50 **Pr. Francois BERGER, UGA, Space for Brain & Neurodegenerative Research**
- 14:50 - 15:10 **Jennifer FOGARTY, Space for all: benefits, challenges of commercial spaceflight human res.**
- 15:10 - 15:40 **Q&A Moderator: Thomas DE PARIENTE, CANNES-CITY**
- 15:40 - 16:05 **Coffee Break**

### PANEL 4: Where is space most relevant for health innovation?

- 16:10 - 16:40 **Keynote: Michael ROBERTS, CSO ISS-NL, ISS Achievements & New Challenges**
- 16:40 - 16:55 **Vincent RONFARD, CTO, CUTISS, Synthetic Skin, Innovation from space**
- 16:55 - 17:10 **Eric GILSON, Director, IRCAN, Aging challenges & innovation potential from space**
- 17:10 - 17:25 **Patsy McDonald, MOFFITT Cancer Centre, Mitigating DNA damage in space**
- 17:25 - 17:55 **Q&A Moderator: Audrey BERTHIER, MEDES**



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**February 16, 2023**

**8:00 - 8:45      REGISTRATION – PALAIS DES FESTIVALS ET DES CONGRÉS**

**8:45 - 9:00      ENTRANCE TO PLENARY AUDITORIUM**





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 **Health  
Space**  
from  
**February 16, 2023**



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## SESSION 3: FUTURE SPACE INFRASTRUCTURES FOR IN-ORBIT SERVICING AND MANUFACTURING

**9:00 - 9:10 WELCOME: Francoise BRUNETEAUX, PACA REGION and CANNES CITY HALL**

### PANEL 5: Research opportunities in Low Earth Orbit beyond ISS

9:10 - 9:25 **Shimon AMSELEM, SPACEPHARMA, Biopharma Space factory**

9:25 - 9:40 **Liz WARREN, BLUE ORIGIN, The Orbital Reef Infrastructure**

9:40 - 9:55 **Marc GIULIANOTTI, SIERRA SPACE, In-Space Manufacturing**

9:55 - 10:10 **Walter CUGNO, TAS, Future space infrastructure for in-orbit servicing and manufacturing**

10:10 - 10:40 **Q&A Moderator: Lisa DENZER, ESA**

10:40 - 11:05 **Coffee Break**

### PANEL 6: In-Space Manufacturing opportunities in Low Earth Orbit beyond ISS

11:10 - 11:25 **Fabio CAMELLI, ESA, The Space Rider Program**

11:25 - 11:40 **Veronica LA REGINA, NANORACKS-EU, Bishop Airlock and NR infrastructures**

11:40 - 11:55 **Pierre FAUCOUP, THE EXPLORATION COMPANY**

11:55 - 12:10 **Johannes WINDISCH, TU-DRESDEN, Space 3D Bioprinting: Opportunities, Limitations**

12:10 - 12:40 **Q&A Moderator: Yves DURAND, TAS**

12:45 - 13:45 **B2B Sandwich Lunch**





## SESSION 4: EVOLUTION OF HEALTH INNOVATION FROM NEWSPACE

14:00 - 14:50

**ROUND TABLE 1: C-LEVEL from Health and Space sectors: bridging the gap between sectors?**

**Moderator: Donatella PONZIANI (ESA)**

**Massimo COMPARINI (CEO, TAS-I), Yannis GUILLEMIN (CTO, ISBA Pharma), Ken SAVIN (CSO, REDWIRE),  
Laura TODD (AIRBUS), Yossi YAMIN (CEO, SPACEPHARMA)**

15:00 - 15:50

**ROUND TABLE 2: INSTITUTIONS: Is there still a role for governments in NewSpace and which one?**

**Moderator: Veronica LA REGINA (NANORACKS-EU)**

**Audrey BERTHIER (CEO, MEDES), Vincenzo GIORGIO (CEO, ALTEC), Geraldine NAJA (Dir. CIP, ESA), Michael  
ROBERTS (CSO, ISSNL), Cécile THEARD-JALLU (Intl. BAR Assoc.)**

16:00 - 16:50

**ROUND TABLE 3: INVESTORS. Motivating the financial world to accelerate this health revolution?**

**Moderator: Candace JOHNSON (EBAN CEO)**

**Luca DEL MONTE (ESA), Dante GALLI (ESA), Maureen HAVERTY (SERAPHIM), Emmanuel MONDON (SCE),  
Jeremy TEBOUL (PROMUS)**

**16:50 – 17:00 CONFERENCE CLOSING**

