

## Proposal for Forming IAA Study Group SG 2.13

**Title of Study:** Space Life Sciences in the Exploration Era

**Proposer(s):**

*(Must be member(s) of the Academy M or CM)*

Rupert Gerzer (M, Germany)

Ronald White (M, USA)

**Primary IAA Commission Preference:**

*(From Commission 1 to Commission 6)*

*Commissions: 1 Space Physical Sciences, 2 Space Life Sciences, 3 Space Technology & Systems Development, 4 Space Systems Operations & Utilization, 5 Space Policy, Law & Economics, 6 Space and Society: Culture and Education*

2 Space Life Sciences

**Secondary IAA Commission Interests:**

*(From Commission 1 to Commission 6)*

5 Space Policy, Law & Economics

6 Space and Society: Culture & Education

**Members of Study Team**

**Chair(s):**

*(Must be member(s) of the Academy, M or CM)*

Rupert Gerzer

Ronald White

**Secretary:**

Jörn Rittweger (Germany)

**Other Members:**

*(Open to members and non-members of the Academy)*

Jefferson Davis (USA)

Peter Graef (Germany)

Inessa Kozlovskaya (Russia)

Chiaki Mukai (Japan)

Oleg Orlov (Russia)

Ying-hui Li (China)

William H. Paloski (USA)

Thais Russomano (Brazil)

Patrik Sundblad (Sweden)

Fengyuan Zhuang (China)

The study group will be open for additional members from IAF Member societies and other IAA Commissions.

### **Short Description of Scope of Study**

#### **Overall Goal:**

*(Expected scientific or practical benefit of the study group's efforts)*

To prepare a Position Paper on Space Life Sciences for presentation at the Heads of Space Agencies Summit on Exploration in Washington, DC on January 9-10, 2014.

#### **Intermediate Goals:**

1. Prepare draft position paper on up to ten (10) important topics in space life sciences for discussion at the Humans in Space Symposium in Cologne, Germany in July. Revise paper and obtain endorsement from attendees.
2. Prepare final version of position paper for IAA/IAF meetings in Beijing.
3. Submit final Position Paper to both IAA and IAF for approval at Beijing meetings.

#### **Methodology:**

*(Email works, workshops, stand-alone conferences, interim publications, etc.)*

Workshop at Humans in Space, Email correspondence, teleconferences

#### **Time Line:**

*(Cannot exceed three years)*

Six Months

#### **Final Product (Report, Publication, etc.):**

IAA/IAF Position Paper on Space Life Sciences in the Exploration Era

#### **Target Community:**

Space agencies, politicians, decision makers, and the space life science community.

**Support Needed:**

No extra support required.

**Potential Sponsors:**

IAA, IAF

*To be returned to the IAA Secretary General Paris*

*by fax: 33 1 47 23 82 16 or*

*by email: [sgeneral@iaamail.org](mailto:sgeneral@iaamail.org)*

**Date: 8 March 2013**

*(No Signature required if document authenticated).*

**Follow-up Section for IAA use only**

**Initial Phase**

**Application received:**

8 March 2013

**Commission Approved:**

8 March 2013

**SAC Approved:**

**Web Site Section opened:**

**Members Formally Appointed by IAA:**

**Final Phase**

**Peer Review by Commission Completed:**

**Recommended by the Commission:**

**Final Report Received:**

**SAC Approved:**

**BOT Accepted:**

**Publisher Selected:**

**Study Published:**