

International Space Station

National Laboratory



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Purpose of the Pre-Implementation Meeting



- **Identify the available hardware, software and services for prospective applicants to use when generating proposals**
- **Explain the NIH process for proposal, selection, and award**
- **Meeting format**
 - **Morning presentations on hardware capabilities and NIH processes**
 - **Afternoon one-on-one discussions between implementation partners and prospective applicants**
 - **Wrap up with open Q&A session**

Role of the Implementation Partners



- **Implementation partners are companies or organizations that have the expertise and equipment appropriate for conducting different types of experiments on ISS or in space.**
 - **Provide hardware**
 - **Provide integration and operations services**
 - **Handle the engineering, safety, documentation and standard agreements required to conduct experiments on ISS**
 - **Implementation partner works closely with NASA to implement experiments allowing the investigator to focus on scientific expertise**

NASA-owned vs Commercially-owned Hardware



- **A list of hardware that will be discussed today has been provided**
 - **Indicates whether the hardware is owned by NASA or the commercial developer**
 - **Indicates the original commercial developer if NASA owns the hardware**
- **Other hardware that may be of use for cellular/molecular biology does exist**
 - **Hardware developed by our International Partners**
 - **Hardware developed by companies that chose not to participate in today's meeting**
 - **If a specific piece of hardware is of interest that is not discussed today, please contact the ISS National Lab Office for more information**

Hardware Availability and Agreements for Use



- **NASA-owned hardware will be provided by NASA through a formal agreement once the NIH selection of award has been made**
 - **Implementation partner provides all the integration documentation required for the investigation**
 - **In this scenario, the implementation partner is a service provider for the investigator**
- **Commercially-owned hardware will be provided by the commercial partner via a contract between the NIH applicant and the commercial company**
 - **Implementation partner provides the hardware and all the integration documentation required for the investigation**
 - **NASA does not broker any agreements between commercially-owned hardware and NIH applicants**

Service Providing Implementation Partners



- **The following companies will not present in the morning session as they only provide integration services and do not own hardware appropriate for cellular/molecular biology research**
 - **Aurora Flight Sciences**
 - **MEI, Inc.**
 - **Tec-Masters**
 - **United Space Alliance**
- **These implementation partners do have tables set up for the afternoon one-on-one discussions**