

## Experiments to be conducted in the MDA Minilab aboard the CONSORT 3 Sounding Rocket Flight

<u>Experiment</u>	<u>Principal Investigator</u>	<u>Institution Company Affiliation</u>
1. <i>Collagen Polymerization</i>	Dr. Marvin Luttgess Dr. Louis Stodieck	Bioserve CCDS
2. <i>Fibrin Clot Formation</i>	Dr. Marvin Luttgess	Bioserve CCDS
3. <i>Protein Crystal Stability</i>	John Cassanto and Dr. Z. R. Korszun Dr. Paul Todd	ITA/ University of Wisconsin-Parkside National Institute of Standards and Technology (NIST)
4. <i>Protein Diffusion</i>	William Vardaman Dr. Ronald Burgess Dr. Dennis Morrison	Rantek Corporation University of Kentucky NASA/ Johnson Space Center
5. <i>Polymer Membrane Casting</i>	Ivan Vera	Venezuela National Electric
6. <i>Ceramic Membrane Casting</i>	Dr. John Pellegrino	NIST
7. <i>E-O Polymer Crystallization</i>	Dr. Trip Mookherji	Teledyne Brown Engineering
8. <i>Precipitation Morphology</i>	Dr. Trip Mookherji	Teledyne Brown Engineering
9. <i>Zeolite Crystals</i>	Subhas K. Sikdar	NIST
10. <i>Baseline Mixing</i>	Dr. Paul Todd and Robin Stewart	NIST/ Bioserve CCDS
11. <i>Electrokinetic Transport</i>	Dr. Paul Todd and Robin Stewart	NIST/ Bioserve CCDS
12. <i>Immiscible Phases</i>	Dr. Paul Todd and Robin Stewart	NIST/ Bioserve CCDS
13. <i>Miscible-Immiscible Liquid Phases Behavior</i>	Dr. Antonio Viviani	Microgravity Advanced Research Support Center (MARS), Italy
14. <i>Wetting Studies</i>	Dr. Paul Todd and Robin Stewart	NIST/ Bioserve CCDS
15. <i>Membrane Casting</i>	Dr. Vince McGinniss Dr. Jack Knox	Battelle CCDS
16. <i>ITA Engineering Tests</i>	Ted Moller/Jaak Holemans	ITA

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Figure 1