

**MEETING AGENDA  
 ADVISORY COMMITTEE ON THE MEDICAL USES OF ISOTOPES (ACMUI)  
 October 4, 2021  
 Virtual Meeting**

NOTE: Sessions of the meeting may be closed pursuant to 5 U.S.C. 552(b) to discuss organizational and personnel matters that relate solely to internal personnel rules and practices of the ACMUI; information the release of which would constitute a clearly unwarranted invasion of personal privacy; information the premature disclosure of which would be likely to significantly frustrate implementation of a proposed agency action; and disclosure of information which would risk circumvention of an agency regulation or statute.

**Monday, October 4, 2021**

**OPEN SESSION**

- |               |  |   |
|---------------|--|---|
| 10:00 – 10:15 | <b>1. Opening Remarks</b><br>Mr. Einberg will formally open the meeting and Ms. Clark will provide opening remarks.  | <b>C. Einberg, NRC<br/>         T. Clark, NRC</b> |
| 10:15 – 10:30 | <b>2. Old Business</b><br>Mr. DiMarco will review past ACMUI recommendations and provide NRC responses.  | <b>D. DiMarco, NRC</b>                            |
| 10:30 – 11:00 | <b>3. Medical Events Subcommittee Report</b><br>Dr. Ennis will provide an analysis of FY20 medical events.   | <b>R. Ennis, ACMUI</b>                            |
| 11:00 – 11:45 | <b>4. Radionuclide Generator Knowledge and Practice Requirements Subcommittee Report</b><br>Mr. Green will discuss the subcommittee’s recommendations on the knowledge and specialized practice requirements for eluting, measuring, and testing, and processing the eluate from radionuclide generator systems. | <b>R. Green, ACMUI</b>                            |
| 11:45 - 12:00 | <b>5. Open Forum</b><br>The ACMUI will identify medical topics of interest for further discussion.   | <b>ACMUI, NRC</b>                                 |

**12:00 - 12:45 LUNCH**

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|--------------|---|-------------------------|
| 12:45 – 1:30 | <b>6. Emerging Radiopharmaceutical Therapy Knowledge Requirements in Theranostics Subcommittee</b><br>Dr. Jadvar will discuss the subcommittee’s recommendations on the knowledge and specialized practice requirements needed for the safe use and handling of emerging radionuclides in theranostics. | <b>H. Jadvar, ACMUI</b> |
| 1:30 - 2:15  | <b>7. Future of Personalized Dosimetry</b><br>Discuss the work of new American Association of Physicists in Medicine (AAPM) task groups on this subject,  | <b>R. Hobbs, AAPM</b>   |

2:15 - 3:00

**8. Production Challenges for Therapeutic Radiopharmaceuticals**

**M. Shober, ACMUI**

Discuss production methods of emerging therapeutic radiopharmaceuticals and effects on radiation safety for end users, and the challenges of various production methods.

3:00 – 3:15

**BREAK**

3:15 - 3:30

**9. Special Presentation to Mr. Michael Sheetz**

**R. Lewis, NRC**

3:30 - 3:45

**10. Open Forum**

**ACMUI, NRC**

The ACMUI will continue discussion on medical topics of interest.

3:45 – 4:00

**11. Administrative Closing**

**D. DiMarco, NRC**

Mr. DiMarco will provide a meeting summary and propose dates for the spring 2022 meeting.

**ADJOURN**