

16 August 2023

Dear Sir or Madam,

On behalf of the Nuclear Energy Agency (NEA), I am pleased to invite you and your organization to participate in the NEA's **International Workshop on Medical Radioisotopes Supply** on the current status and future action to ensure the reliable supply for molybdenum-99 (^{99}Mo) and conversation on a new generation of innovative radioisotopes for diagnostics and therapy. The workshop will be held at the Organization for Economic Development (OECD) headquarters in Paris on October 30-31, 2023.

NEA support for global efforts to ensure a reliable supply of medical radioisotopes, specifically ^{99}Mo , dates back to 2009 during a period of substantial shortages for ^{99}Mo and its decay product, technetium-99m ($^{99\text{m}}\text{Tc}$). This led to the establishment of the High-Level Group on the Security of Supply of Medical Radioisotopes (HLG-MR) comprised of experts representing 18 countries (including some non-NEA member countries), the Euratom Supply Agency and the International Atomic Energy Agency (IAEA). Work by the High-Level Group helped inform policy decisions to stabilize supplies, although shortages reappeared at times.

The **International Workshop on Medical Radioisotopes Supply** will examine developments since 2019, as well as ongoing supply and demand impacts stemming from the Covid-19 crisis on ^{99}Mo . Despite clear progress on increased irradiation and processing capacity, OECD countries today still rely on a relatively small number of multipurpose and aging research reactors to supply nearly all of the world's demand for ^{99}Mo . Moreover, recent trends towards research and development and clinical use of new diagnostic isotopes mean additional demand on the supply chain in coming years.

The workshop will also highlight developments in approved and proposed therapeutic radioisotopes such as lutetium-177 (^{177}Lu), actinium-225 (^{225}Ac) and astatine-211 (^{211}At) which are expected to see significant future demand growth. Discussion to ensure reliable supplies of these therapeutic radioisotopes will be examined in the context of ongoing investments by governments and the private sector.

The registration form for the workshop can be found following this link: <https://tinyurl.com/NEAMedRadio23>. Please complete it to register as soon as possible, whether you plan to attend virtually or in-person. Further details about the workshop will be published here: https://www.oecd-nea.org/icms/pl_83710/international-workshop-on-medical-radioisotopes-supply.

The workshop also offers an outreach and sponsorship opportunity, where you can exhibit the expertise of your organisation in an energised and focused setting. Examples of sponsorship levels available:

1. A speaking role, an exhibition booth and the sponsor's logo on all printed materials, or
2. Inclusion of the sponsor's logo on printed materials.

Limited exhibition spaces are available.

If you are interested in sponsoring this event, or have any further questions, please feel free to contact us on medical_isotopes@oecd-nea.org. We would be delighted to hear from you.

Yours sincerely,



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