

# Major Interest in Landmark Upright Radiotherapy Research Summit

*The in-person event in Vienna on May 12, 2023 has attracted a number of expert speakers in the field of upright radiotherapy.*

SMALLFIELD, SURREY, UNITED KINGDOM, April 6, 2023 /EINPresswire.com/ -- Leading specialists are set to exchange ideas in a landmark scientific meeting to discuss latest advances in the evolving field of upright radiotherapy and imaging.

Key areas of focus will be on cancers of the breast, prostate, liver, lung, head and neck and how imaging and treating patients with these conditions in an upright, rather than supine position, can potentially bring multiple benefits.

The in-person event in Vienna on May 12, 2023 has attracted a number of expert speakers in the field of upright radiotherapy and also aroused considerable interest in wider radiology and patient immobilisation circles with several well-known figures registering as delegates to learn more about upright cancer care.

During the event, delegates will hear about the work being conducted at Centre Léon Bérard in Lyon, France by Radiation Therapist, Dr Sophie Boisbouvier and Professor Vincent Gregoire on their research on patient positioning, stability and motion.

The diverse scientific programme will also include presentations on topics such as; the patient perspective on upright treatments; beam angle considerations and soft robotics; upright treatment planning; and image registration.

Professor Gregoire from Centre Léon Bérard in Lyon, France will deliver an opening statement to delegates gathered at the Impact Hub in Vienna for the event. Speaking ahead of the consortium meeting, he said: "he will begin by making a point about anthropology and living beings that

**Upright Radiotherapy Research Consortium Meeting**  
In-person, Friday May 12<sup>th</sup>, 2023, 'Impact Hub', Vienna



Consortium aims: to build a community of researchers interested in upright radiotherapy; to update each other on findings, data and expertise; to spark collaborations and to co-ordinate research efforts; to shape best practices internationally.

08.45-09.30	Breakfast and welcome
<b>Morning session: what has been achieved?</b>	
09.30-09.45	Opening statement from Prof Vincent Grégoire (Centre Léon Bérard, Lyon, France)
09.45-10.15	Upright treatments at Northwestern Proton Centre, Dr Mark Pankuch (Chicago, USA)
10.15-10.45	Upright patient set-ups at Centre Léon Bérard, Sophie Boisbouvier (Lyon, France)
10.45-11.00	Refreshment break
11.00-11.30	The patient perspective on upright set-ups, Prof Heidi Probst (Sheffield Hallam University, UK)
11.30-12.00	Upright RT beam angle considerations and soft robotics from Massachusetts General Hospital / Massachusetts Institute of Technology, Dr Susu Yan (Boston, USA)
12.00-13.00	Lunch
<b>Afternoon session: planning for the future</b>	
13.00-13.30	Upright radiotherapy for paediatric patients, Dr Susan Hiniker (Stanford Radiation Oncology, USA)
13.30-14.00	Upright treatment planning – RaySearch Laboratories – Dr Erik Engwall (Stockholm, Sweden)
14.00-14.30	Supine to upright image registrations - Therapanacea - Prof Nikos Paragios (Paris, France)
14.30-15.00	Refreshment break
15.00-16.30	Upright RT research matrix: how can we all contribute? Prof Thomas Bortfeld (Massachusetts General Hospital, Boston, USA), Prof Tony Lomax (Paul Scherrer Institute, Villigen, Switzerland)

For further information please contact [tracy.underwood@leocancercare.com](mailto:tracy.underwood@leocancercare.com)  
This consortium meeting is sponsored by Leo Cancer Care Ltd. Places are limited.  
To register, please visit <http://bit.ly/3HcOqfI> or follow the QR code.



**Upright Radiotherapy Research Consortium Speakers and Agenda**

naturally evolved from walking on four legs, to moving on two legs in the upright position. There are positive elements from moving from a supine to a standing position; we somehow have a larger view of the world than animals close to the ground.”

Pointing to how CT, MRI and ultrasound exams, or surgery, are still conducted on patients lying down, he continued: “When we look at the different physiology between supine and upright, we see a lot of differences.”

Referring to the work at Centre Léon Bérard, which will be discussed by other speakers, he pointed to organs moving into different positions after a patient lies down, which is likely to impact the delivery of radiation to the target organ(s).

He said there is increasing evidence to ‘suggest treatment in an upright position gives more degrees of freedom to try to spare normal tissues’ from radiation. Highlighting the importance of the meeting, he said it will stimulate interaction, and see ideas and knowledge exchanged on upright radiotherapy, with challenges to data and objective feedback delivered from other experts in the field.

“People will share their experiences, and by doing that we will build up data in favour of the upright position compared to supine position,” said Professor Gregoire.

Hosting the event is Dr Tracy Underwood, a senior physicist with Leo Cancer Care and an honorary senior research fellow at University College London.

She said: “Upright radiotherapy is a field full of scientific opportunities. Internationally, we are still a small group of researchers, but we are a warm and dynamic community. We hope that this meeting will encourage participants to think about how their research can fit together and how they can collaborate.”

The final session of the event will take the form of an open discussion to see how the different elements of research - and the work researchers are conducting at different centres - can fit together to advance the field of upright radiotherapy.

The upright radiotherapy and imaging research consortium was established by Leo Cancer Care to bring together academic and clinical groups working on relevant research, encouraging them to share ideas, data and expertise and make research on upright imaging and radiotherapy more efficient.

While there have been a number of virtual meetings, the May 12 meeting is significant as the first in-person session with delegates and speakers in the same venue together. If you would like to register your interest in attending please do so here: <https://tinyurl.com/mr46ja5a>

Sophie Towe

Leo Cancer Care

+44 7487557593

[email us here](#)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/626464455>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.