



INQUIRE
INSPIRE
INNOVATE

VIRTUAL
RTi3
2021
MARCH 5-6

Canada's Premiere RADIATION THERAPY CONFERENCE

RTi3 PROGRAM GUIDE

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HOSTED BY



Radiation Oncology
UNIVERSITY OF TORONTO

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#RTi3Conference



DEAR COLLEAGUES,

RTi3 is Canada's premier annual meeting for the Radiation Therapy community. Grounded by the commitment to inspire, inquire, and innovate the practice of radiation therapy, it's with great pleasure that we welcome you to the 2021 RTi3 conference, hosted by the Department of Radiation Oncology, University of Toronto, on March 5-6, 2021.

New this year, we have the opportunity to host a fully virtual conference that extends beyond our Canadian borders with international reach. Our program includes 50 proffered abstracts presented on topics spanning Technical Advances in Radiation Therapy, Education, Treatment Planning, Quality, Patient Outcomes and Supportive Care. Due to the cancellation of last year's conference, authors whose abstracts were accepted last year were invited to resubmit this year. All new abstract submissions will be published in this year's online supplement in the Journal of Medical Imaging and Radiation Sciences while any resubmitted abstract can be found in last year's supplement.

Annual highlights in the program are our keynote addresses which are highlighted in this program, the National Innovation Snapshot sponsored by the Canadian Association of Medical Radiation Technologists, a rapid-fire session provides Radiation Therapists from across Canada an opportunity to showcase their local, practice-based innovations to the wider community and a dedicated stream for undergraduate medical radiation sciences students with sessions focused on certification exam preparation, how to get hired, getting noticed as a new RTT and starting a career in research.

There have been some unique additions to our virtual program. In light of the challenging times faced by RTTs due to the COVID-19 pandemic, a special plenary session was created to highlight the interesting work and projects initiated in response to the pandemic. This session includes a wide range of experiences, pivotal projects and innovative processes developed by RTTs to address a variety of challenges. In addition, the rapid-fire poster session will provide a surprising new experience for presenters as they share and discuss their research through the use of visual abstracts.

We feel this year's virtual event will bring the RTT community together in ways that weren't possible in an in-person meeting and pave an unprecedented way to interact with colleagues nationally and internationally using a virtual experience.

We thank you for your continued support of the RTi3 conference and look forward to seeing you at the 2022 RTi3 conference in Toronto, Canada. You can access up to date conference information by visiting www.RTi3.com.



Darby Erler

2021 RTi3 Co-Chair

Darby Erler



Grace Lee

2021 RTi3 Co-Chair

Grace Lee

CONFERENCE GOALS & OBJECTIVES

Program Goals

- To disseminate the latest evidence in radiation therapy to inform and stimulate clinical practice
- To provide learning opportunities for practitioners to update their clinical knowledge
- To facilitate networking and communication and the development of professional communities of practice

Learning Objectives

- To gain new knowledge and understanding on: the innovative application of radiotherapy technology, factors influencing clinical outcomes, quality improvement in radiotherapy, and patient and supportive care
- To inform practice knowledge and clinical skills through lectures and workshops on current and new practice models and strategies
- To discuss challenges and opportunities related to advanced practice initiatives, career specialization and development, and education and research endeavors

CONTINUING EDUCATION CREDITS

New Process for Virtual Events

For virtual sessions, the Medical Dosimetrist Certification Board (MDCB) requires completion of a quiz to verify that attendees actively participated in the full session. To award credit, we need to collect quiz results where you have scored a passmark of 75%.

Each session that is accredited will have a quiz located under “Polls” on our audience response system – Sli.do. Please remember to include your name for each quiz so we can be sure to complete your certificate accurately.

The quizzes will be open during each presentation and until March 12th. If you have any difficulty or questions – please email rti3@utoronto.ca or send your question in the Q&A box on Slido on the day of the event.

CE Credit Details for 2021 RTi3

This program has been granted a total of 12 MDCB continuing education credits for the full conference. The MDCB is a Recognized Continuing Education Evaluation Mechanism (RCEEM) for the American Registry of Radiologic Technologists (ARRT) and Canadian Association of Medical Radiation Technologists (CAMRT) and therefore is authorized to approve Category A and A+ credits. Radiation Therapists can use the assigned credits towards their continuing education requirements.

Which Sessions are Accredited?

Please visit the RTi3 2021 Live Program webpage to view accredited sessions. All Sessions marked with an asterisk (*) qualify for 1 CE Credit. Please view a demonstration starting page 6 on how to navigate the 2021 RTi3 Conference.

2021 PROGRAM COMMITTEE

Co-Chairs

Darby Erler	Odette Cancer Centre - Sunnybrook Dept. of Radiation Oncology, University of Toronto
Grace Lee	Princess Margaret Cancer Centre Dept. of Radiation Oncology, University of Toronto

Members

Brian Liszewski	Ontario Health (Cancer Care Ontario) Dept. of Radiation Oncology, University of Toronto
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Kieng Tan	Princess Margaret Cancer Centre Dept. of Radiation Oncology, University of Toronto
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Meaghan Stayzer	Michener MRS Student Representatives Dept. of Radiation Oncology, University of Toronto

Meghan Ward	Dept. of Radiation Oncology, University of Toronto
Merrylee McGuffin	Odette Cancer Centre - Sunnybrook Dept. of Radiation Oncology, University of Toronto
Michael Velec	Princess Margaret Cancer Centre Dept. of Radiation Oncology, University of Toronto
Michelle Greig	Royal Victoria Regional Health Centre
Mikki Campbell	Odette Cancer Centre - Sunnybrook Dept. of Radiation Oncology, University of Toronto
Nawroz Fatima	Trillium Health Partners, Credit Valley Hospital
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Paige Lau	Michener MRS Student Representatives Dept. of Radiation Oncology, University of Toronto
Ruvette Coelho	Durham Regional Cancer Centre - Lakeridge Health
Shaziya Malam	Southlake Regional Health Centre
Tara Rosewall	Dept. of Radiation Oncology, University of Toronto
Vickie Kong	Princess Margaret Cancer Centre Dept. of Radiation Oncology, University of Toronto
Winnie Li	Princess Margaret Cancer Centre Dept. of Radiation Oncology, University of Toronto



ZOOM LINKS & INTERACTION

Accessing Program Content

FRIDAY MARCH 5

10:00 - 11:00 AM - Welcome | Innovate Keynote Address *

11:00 - 11:10 AM - Morning Stretch

11:10 - 12:00 PM - STREAM A - Proffered Session 1: Patient Outcomes and Support

Click the session you want to expand

Interacting with the Conference

FRIDAY MARCH 5

10:00 - 11:00 AM - Welcome | Innovate Keynote Address *

Join Session

Zoom Password: 523006

Participate with Sli.do

Or login on mobile: [www.sli.do](#) - Code: 5RTI3

Use Sli.do to Participate in the **Innovate Keynote Address** session:

- Ask Elizabeth Knowles a question in Q&A section
- Need CE credits? Complete the Quiz in the Polls section.
- Need a Sli.do refresher? [View instructions](#)

Click "Join Session" button & type in Zoom password

Click on Sli.do button to interact through your browser or access Sli.do via you phone with the Code!

View ways you can participate here

Session details

TIME	ACTIVITY
10:00 - 10:05 AM	Conference Chairs Opening Remarks Darby Erler and Grace Lee
10:05 - 10:10 AM	UTDRO Chair Welcome Dr. Fei-Fei Liu
	Innovate Keynote Address

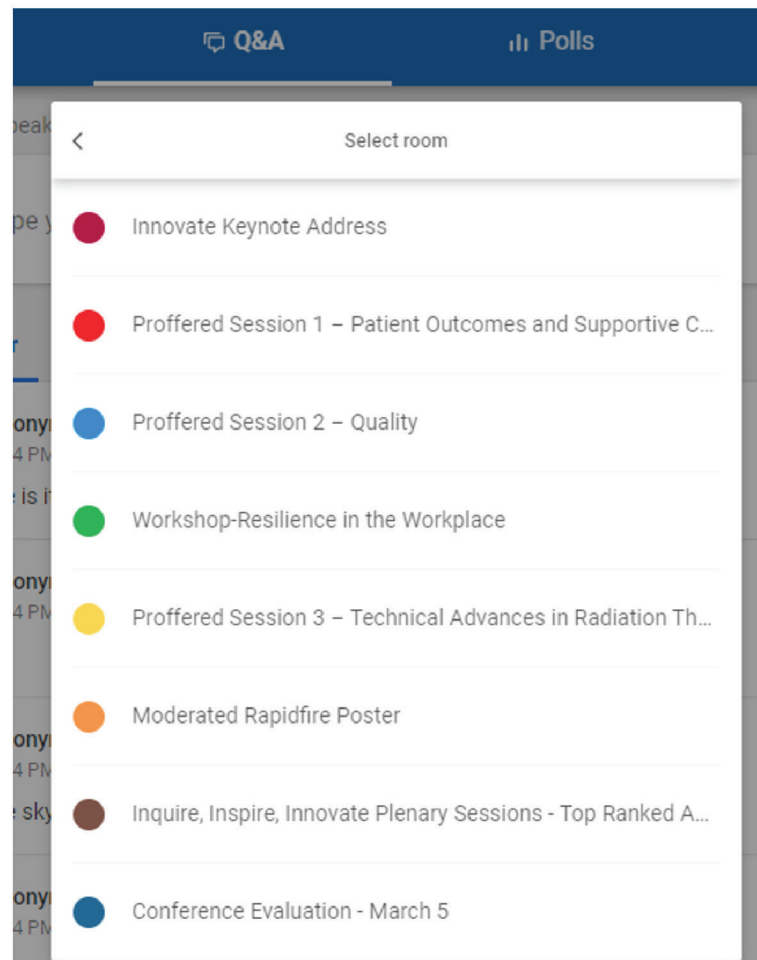
Page 6

Next: Sli.do for Q&A

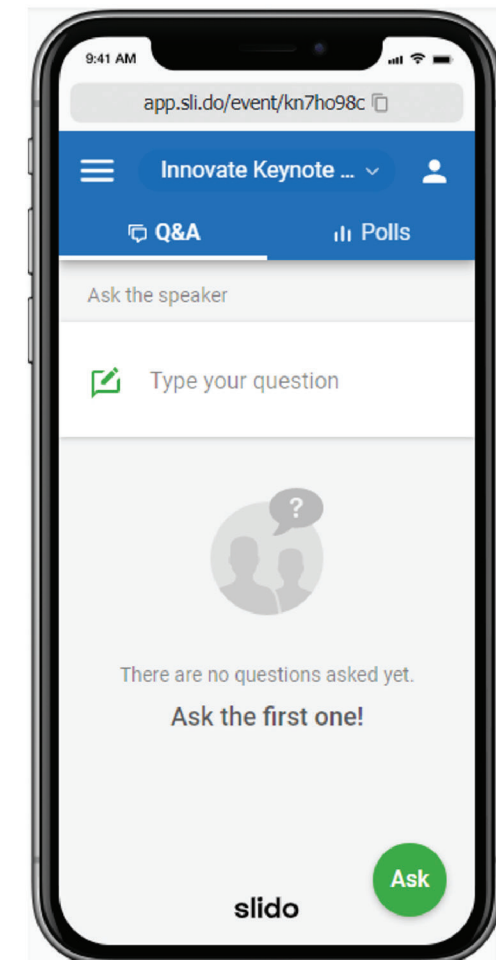
Q&A WITH SLI.DO

Engage with presenters during Q&A! You can enter questions or comments any time during each session.

Select your room
you are currently
in to submit the
question



Submit a
question
or comment



MDCB CREDITS QUIZ WITH SLI.DO

Need your CE Credits? Don't forget to complete the quiz in accredited sessions. Quizzes are open all day up until March 12, 2021.

Want to complete it later? No problem! Sli.do will remember your IP address, so you can come back and edit your submissions up until the deadline. If you submit multiple entries for the same session, only your last submission will be graded.

To view more information on the new MDCB CE Credits process for virtual events, please see page 4 of this program guide.

The screenshot shows the Sli.do interface for a live poll. At the top, there is a blue navigation bar with two tabs: 'Q&A' and 'Polls'. A red arrow points to the 'Polls' tab with the text 'Switch to Polls section to do the Quiz'. Below the navigation bar, the poll title 'E Knowles-QUIZ for MDCB Credits' is displayed. Underneath the title is a text input field labeled 'Enter your First Name and Last Name'. A red arrow points to this field with the text 'Enter your name!'. Below the name field is a question: 'Google states that "innovation is crucial to the success of any organisation"'. There are two radio button options: 'True' and 'False'. At the bottom of the poll form is a green 'SEND' button. A red arrow points to this button with the text 'Click "Send" when done'.

INNOVATE with Elizabeth Knowles

Product Manager, Elekta

Friday, March 5

10:10 AM



What role do you play in transforming radiotherapy?

Elizabeth Knowles joins us as our Innovate Keynote Speaker at the 2021 Virtual RTi3. Her presentation, "*Transforming Radiotherapy – Did you know that you all play a role?*" will provide an overview of the innovations in radiotherapy over the last 20 years and the roles RTTs have played in those technological advances.

Learning Objectives

- Review the historical innovations in Radiotherapy over the last 20 years
- Learn the details of the MR-linac design and how technological barriers were overcome
- Discover the importance of Usability in Medical Device development
- Understand the pivotal role that RTTs play in determining whether technological advances result in improved patient care

Biography

Elizabeth graduated in 2000 from Kingston University/Royal Marsden Hospital, Surrey, UK with a degree in Therapeutic Radiography. After working as a Radiographer at St. Bartholomew's Hospital in London for 2 years, she moved to Canada to work at the Princess Margaret Hospital in Toronto. After initially furthering the clinical evidence for fiducial marker-guided Radiotherapy for prostate, she gained one of the first research roles for RTTs working for David Jaffray specializing in image guidance. This role involved the establishment of protocols to aid the translation of cone-beam CT technology from a research device to a practical clinical tool and included the presentation and publication of multiple papers on the subject of IGRT. In 2006 Elizabeth moved back to the UK where she continues for Elekta Ltd. as a Product Manager for Unity (MR-linac) maintaining a focus on the innovation of image guidance products and, more recently, developing a special interest and certification in the field of Human Factors and Usability in Medical Devices.

INTER-PROFESSIONAL *with Dr. David Palma*

MD, MSc, PhD, FRCPC

Friday, March 5

3:50 PM



How does quality of care impact patient outcomes?

Join Dr. David Palma to learn about improve quality of care in radiation oncology and empowering our patients. His presentation, "*Improving Quality of Care in Radiation Oncology: Top-Down, or Bottom-Up?*" is not to be missed!

Learning Objectives

- Impact of quality of care on patient survival after cancer treatment
- National and international shortfalls in delivering high-quality care
- Step-by-step method wherein patients can advocate for their own cancer care

Biography

Dr. David Palma is a Radiation Oncologist at the London Health Sciences Centre and a Clinician-Scientist with the Ontario Institute for Cancer Research. He holds an MD from the University of Western Ontario, a Master's Degree in Epidemiology from the Harvard School of Public Health, and a PhD from the VU University in Amsterdam. He completed his residency in Radiation Oncology in Vancouver, Canada. He is the chair of the Canadian Pulmonary Radiotherapy Investigators (CAPRI) group, and the author of the bestselling book, *Taking Charge of Cancer: What You Need to Know to Get the Best Treatment*.



INSPIRE

with Lee Fairclough

President of St. Mary's General Hospital

Saturday, March 6

10:10 AM



Can we ensure that better care really does have no limit?

It is often said that healthcare is complex. There are so many things to balance – what the evidence suggests for care, what matters most to patients and families, and what clinicians and providers working at the front lines of care need to succeed.

For a publicly funded health system how we invest in health care is underpinned by the policy imperative of the day and driven by our democratic process. Is it possible to make sense of these pieces to deliver on high quality care? How do we keep pace with change in other industries and ensure patients can benefit from all that emerging technology and information can offer? Having spent the last year working together through the COVID-19 pandemic, are there new ways we should approach leadership in health care?

Biography

Lee Fairclough started as President St. Mary's General Hospital in January 2020. During the pandemic, she was also the Hospital Lead for the Waterloo Wellington COVID-19 Triad response, supporting the coordination of efforts in the region in response to COVID-19. In the years prior, she championed a focus on quality in Ontario, as the VP of Quality Improvement at Health Quality Ontario (2014-2020). Her first exposures to the health system providing cancer care as a Radiation Therapist at Princess Margaret Hospital were the most influential, particularly for what matters most to patients and families. Since completing a Masters in Health Policy, Management and Evaluation at the University of Toronto in 2002, she has held a variety of leadership roles at Princess Margaret Hospital/University Health Network, Cancer Care Ontario and the Canadian Partnership Against Cancer. She is an Adjunct Professor at the Institute for Health Policy, Management and Evaluation at the University of Toronto, and has served on several provincial committees and not for profit boards. She is proud mom to two boys, Justin and Oliver. As an alumni of the Canadian Women's Rugby Team, she is also a strong supporter and promoter of sport.

INQUIRE *with Natalie Rozanec*

APRT(T), MSc

Saturday, March 6
4:35 PM

How can the spirit of inquiry guide our career development?

Pairing of creativity and critical thinking skills can help develop a spirit of inquiry within us, which can be used to guide our role and career development within the field of radiation therapy. As advanced practice roles in radiation therapy continue to expand across Canada, inquiry is an important element that can be used to implement and integrate new roles at appropriate time points throughout the radiation therapy journey.

Natalie Rozanec's presentation, "From Da Vinci to Dose Painting: The Art of Inquiry-Based Travels in Radiotherapy," will explore some of the questions and inspiration that have helped frame the development of APRT(T) roles to maximize positive impacts on our patients as well as the overall healthcare system.

Biography

Natalie Rozanec is an Advanced Practice Radiation Therapist at the Stronach Regional Cancer Centre in Newmarket, Ontario. Her key responsibilities include clinical care of patients seen through the Rapid Response Program, teaching family medicine residents and community care providers about palliative radiotherapy, conducting research aimed at improving the patient experience throughout the radiotherapy journey, and she is also involved in several leadership initiatives locally, provincially, nationally, and internationally. Natalie graduated from the Medical Radiation Sciences Program at the University of Toronto/Michener Institute in 2009. She has been working at the Southlake Regional Health Centre since 2010, where she has worked both as a radiation therapist and clinical trials coordinator. In 2012, Natalie began working as an Advanced Practice Radiation Therapist. She went on to complete her MSc. Advanced Practice (Radiotherapy and Oncology) from Sheffield Hallam University in 2018 and APRT(T) certification through the CAMRT in 2019.



ESCAPE ROOM, SOCIAL NETWORKING, PRIZES!

Friday, March 5
5:00 PM



ESCAPE



**START
YOUR
ESCAPE**

THANK YOU ABSTRACT REVIEWERS

We wish to highlight the efforts of and extend our gratitude to the abstract reviewers for RTi3 2021. All submitted abstracts underwent a rigorous double-blind peer review, and we are grateful to those who volunteered their time and expertise.

Aaron Cumal
Abby Sirisegaram-Cole
Allan Day
Caitlin Gillan
Carol-Anne Davis
Carrie Lavergne
Colleen Dickie
Diana Lee
Ewa Szumacher
Hon Biu Chan
Jaclyn Jacques
Janet Walker
Jennifer Dewhurst
Julie Renaud
Kari Osmar
Kieng Tan
Kitty Chan
Krista Dawdy
Krista McGrath
Lori Holden
Mackenzie Smith
Madette Galapin

Marnie Peacock
Merrylee McGuffin
Michael Velec
Mikki Campbell
Mina Yaver
Monica Van Larkin
Natalie Rozanec
Natasha McMaster
Nawroz Fatima
Pauline Warden
Pete Bridge
Rob Case
Ruby Bola
Ruvette Coelho
Sheila Sze
Sophie Huang
Tammy Fetterly
Tara Rosewall
Vanessa Hribar
Vickie Kong
William Tran
Winnie Li

THANK YOU TWITTER AMBASSADORS

Thank you to our Twitter Ambassadors for volunteering their time during the 2021 RTi3 Conference to keep everyone updated and excited about our robust program!

Carmen Chan
Kitty Chan
Madette Galapin

Join us on Twitter
#RTi3Conference

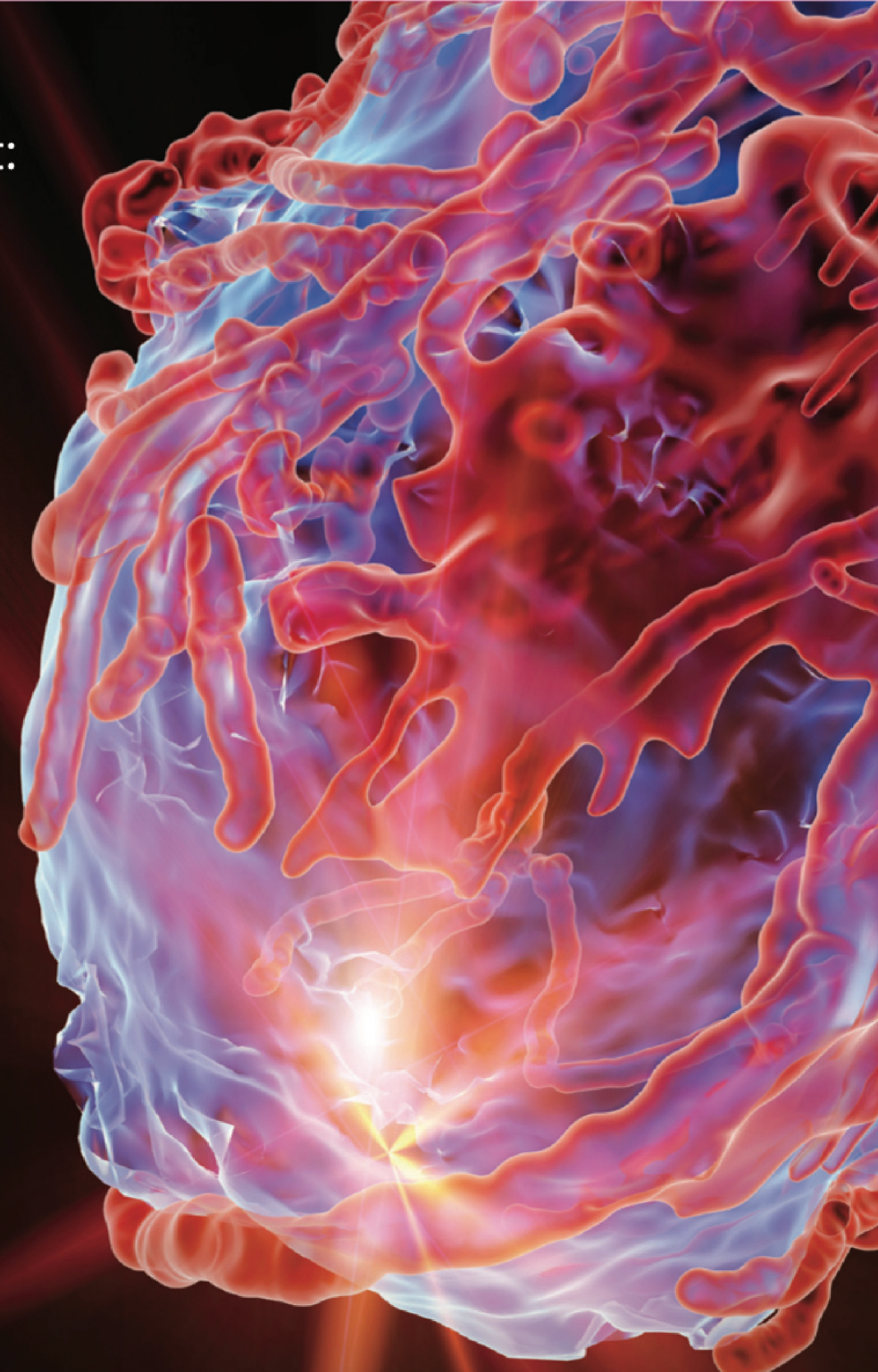
VIRTUAL EXHIBITOR HALL

Learn more about our Sponsors and Partners by visiting the Virtual Exhibitor Hall. Virtual booths will be open on both, Friday and Saturday during scheduled lunch breaks and on Saturday morning prior to Conference start. Please see **RTi3 2021 Live Program** for Zoom links and details.



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Cancer touches us all in one way or another. That's why every effort put into the fight must tear down the walls separating patient from progress with more intelligent ideas and answers. **Intelligent Cancer Care™** is building shorter paths from research to remission. Bridging the distance between Manhattan and Mozambique. Driving a direct link from high tech to high impact. And resolutely facing today's unique challenges by connecting us all through more intelligent solutions, data, and insights to deliver advanced care—ultimately helping us realize our vision of a world without fear of cancer.


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Important Safety Information
Most side effects of radiotherapy, including radiotherapy delivered with Accuray systems, are mild and temporary, often involving fatigue, nausea, and skin irritation. Side effects can be severe, however, leading to pain, alterations in normal body functions (for example, urinary or salivary functions), deterioration of quality of life, permanent injury, and even death. Side effects can occur during or shortly after radiation treatment or in the months and years following radiation. The nature and severity of side effects depend on many factors, including the site and location of the treated tumor, the treatment technique (for example, the radiation dose), and the patient's general medical conditions to name a few. For more details about the side effects of your radiation therapy, and to see if treatment with an Accuray product is right for you, ask your doctor.

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