

8th International LFS Association Symposium

Co-hosted by The University of Texas MD Anderson Cancer Center in collaboration with the LiFE Consortium

Program Agenda

Thursday, October 1st	The Blossom Hotel, Houston, TX 7118 Bertner Ave, Houston, TX
3.00pm – 5.00pm	Registration <i>The Blossom Hotel</i>
6.00pm – 8.00pm	Welcome Cocktail Reception <i>Ballroom, The Blossom Hotel</i>
Friday, October 2nd	TMC3 Collaborative Building • Helix Park • Houston, TX
7.00am – 8.00am	Registration & Poster set up
7.30am – 8.30am	Breakfast
8.00am – 9.15am	Welcome & Introduction <i>Jenn Perry & Banu Arun, MD</i>
	Family & Patient Perspective <i>Nancy Lesko</i>
	Dr. Louise Strong Lectureship Varying Physiological Activities of p53 Mutants <i>Gigi Lozano, PhD</i>
9.15am – 11.05pm	Pierre Hainaut Lectureships
9.15am – 9.40am	<i>TITLE TBA</i> <i>Arnie J. Levine, PhD</i>
9.45am – 10.05am	Exploring the Complex Relationship of p53 and Li-Fraumeni Syndrome <i>David Malkin, MD, FRCPC, FRSC, FAACR</i>
10.10am – 10.30am	<i>TITLE TBA</i> <i>Christian Kratz, MD</i>

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10.35am – 10.55am	Molecular Determinants of Phenotypic Variability in the Li-Fraumeni Syndrome <i>Emillie Montellier, PhD</i>
10.55am – 11.05am	Questions
11.10am – 12.10pm	LFSA Hope in Action <i>Jenn Perry, President & CEO LFSA</i> LFSA Medical Director <i>Robert Lufkin, DO, Medical Director LFSA</i>
12.10pm – 12.50pm	LUNCH
12.50pm – 3.10pm 12.50pm – 1.10pm	Updates on Screening, Surveillance and Prediction <i>TITLE TBA</i> <i>Brian Crompton, MD</i>
1.10pm – 1.30pm	Hearing from LFS Patients, Trial Interest & Barriers to Participation <i>Suzanne MacFarland, MD</i>
1.30pm – 1.50pm	<i>TITLE TBA</i> <i>Chris Porter, MD</i>
1.50pm – 2.10pm	Emerging Biomarkers & Models for Risk Stratification of Cancer Onset in LFS <i>Junne Kamihara, MD, PhD</i>
2.10pm – 2.30pm	Targeting Metabolism in LFS & Hereditary Cancers <i>Ran Kafri, PhD</i>
2.30pm – 2.50pm	<i>TITLE TBA</i> <i>Chris Amos, PhD</i>
2.50pm – 3.10pm	Questions
3.10pm – 3.30pm	BREAK
3.30pm – 5.15pm 3.30pm – 3.50pm	Therapeutic Impacts in LFS Radiation Induced second Malignancies <i>Payal Khincha, MBBS, MSHS</i>

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3.55pm – 4.15pm	Management of Breast Cancer in LFS Patients <i>Banu Arun, MD</i>
4.20pm – 4.40pm	Novel Insights in Glioma Management in Cancer Predisposition Syndromes including LFS <i>Anirban Das, MBBS, MD, DM</i>
4.45pm – 5.05pm	Hematologic Malignancies & LFS <i>Courtney DiNardo, MD</i>
5.05pm – 5.15pm	Questions
5.20pm – 5.30pm	Katherine M. Howley Endowment Fund
5.35pm – 5.45pm	LFSA Guardian Angel Award
6.00pm – 8.00pm	Dinner and Poster Session Begins! – TMC3 Collaborative Building
October 3rd, Saturday	TMC3 Collaborative Building • Helix Park • Houston, TX
7.30am – 8.30am	Breakfast
8.00am – 8.30am	Dr. Joseph F. Fraumeni Jr. Lecture <i>Maria Isabel Achatz, MD, PhD</i>
8.35am – 11.15am	The International Perspective
8.35am – 8.55am	Li-Fraumeni Syndrome Across Borders: Lessons from Brazil & International Collaborative Studies <i>Renata Sandoval, MD, PhD</i>
9.00am – 9.20am	France LFSA France Chapter Chair <i>Gaelle Bougeard, PhD</i>
9.25am – 9.45am	Africa LFSA Africa Chapter Chair <i>Samuel Oliech Omolo Mzee</i>
9.50am – 10.10am	England

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Emma Woodward, PhD, FRCP

10.15am – 10.35am	Li-Fraumeni Syndrome in Japan: Nationwide Efforts to Address Current Challenges <i>Yoshiko Nakano</i>
10.40am – 11.00am	Individual and Family Level Experiences of Living with a Cancer Predisposition Syndrome: Perspectives of adolescents and Young Adults and their Parental Caregivers <i>Meis Omran, MD, PhD</i>
11.05am – 11.15am	Questions
11.20am – 12.40pm	Novel Therapies – Vaccines & Drug Repurposing
11.20am – 11.40am	Experimental Oncology in the field of LFS <i>Sarah Blagden, BSc, FRCP, PhD</i>
11.45am – 12.05pm	Immunotherapy & Small Ligands <i>David Hoyos</i>
12.10pm – 12.30pm	Molecular Profile of Normal Breast & Breast Tumors in LFS Patients <i>Kornelia Polyak, MD, PhD</i>
12.30pm – 12.40pm	Questions
12.40pm – 1.45pm	Lunch
12.40pm – 2.00pm	Sponsorship Luncheon
1.00pm – 2.00pm	Breakout Room A What & When to Tell Children session #1 1.00pm – 1.30pm session #2 1.30pm – 2.00pm Breakout Room B Breast Cancer Topics <i>Dr. Judy Garber, Dr. Maria Isabel Achatz</i> session #1 1.00pm – 1.30pm session #2 1.30pm – 2.00pm
2.15pm – 3.15pm	LFS & Sarcomas
2.15pm – 2.35pm	<i>TITLE TBA</i> <i>Adam Shlien, PhD, FCCMG</i>

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2.40pm – 3.00pm	<i>TITLE TBA</i> <i>Judy Garber, MD, MPH</i>
3.05pm – 3.15pm	Questions
3.20pm – 4.10pm	Youth Panel
3.20pm – 4.00pm	Youth Program Participants
4.00pm – 4.10pm	Questions
4.15pm – 4.30pm	Lesko-Fleming Grant
4.35pm – 4.55pm	A Ticking Time Bomb: A Decade Spent Writing a Book About LFS <i>Katelyn Verstraeten</i>
5.00pm – 5.15pm	LFSA Global Pioneer Award
<i>FREE NIGHT! Enjoy Houston everyone!</i>	
October 4th, Sunday	TMC3 Collaborative Building • Helix Park • Houston, TX
7.30am – 8.30am	Breakfast
8.00am – 10.00am	Advances in Understanding Clinical Manifestations & Management
8.00am – 8.20am	The Importance of discerning acquired versus inherited TP53 <i>Jeffrey Weitzel, MD, FACMG</i>
8.20am – 8.40am	From Code to Care; Variant Interpretation & Clinical Management for Non-Missense TP53 Variants <i>Megan Frone, MS, LGC</i>
8.40am – 9.00am	Hypomorphs <i>Huma Rana, MD, MPH</i>
9.00am – 9.20am	AYA & a Transition Tool <i>Rose McGee, MS, CGC</i>

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9.20am – 9.40am	Rezatapopt in TP53 Y220C – Mutant Cancers <i>Masha Poyurovsky, PhD</i>
9.40am – 10.00am	Questions
10.00am – 10.10am	Break
10.10am – 12.05pm	Models for Discovery in LFS
10.10am – 10.30am	Beyond Extra p53: New Insights into Elephant Cancer Resistance and Li-Fraumeni Syndrome <i>Lisa Abbeglen, PhD</i>
10.30am – 10.50am	Zebrafish <i>Jason Berman, MD</i>
10.50am – 11.10am	p53 as a Target for Cancer Therapy & Prevention <i>Kanaga Sabapathy, PhD</i>
11.10am – 11.30am	<i>TITLE TBA</i> <i>Jacey Pridgen, MD, PhD</i>
11.30am – 11.50am	Precision Therapy for Treating Li-Fraumeni Syndrome: Can Rezatapopt Delay or Prevent Tumorigenesis in Mice with a Germline TP53-Y220C Mutation? <i>Zambetti, PhD</i>
11.50am – 12.00pm	Questions
12:00pm – 1:00pm	Lunch
12.10pm – 1:10pm	Breakout Room A Radiation screening & more Behrang Amiri, MD, PhD session #1 12.10pm – 12:40pm session #2 12.40pm – 1:10pm Breakout Room B Managing Scanxiety session #1 12.10pm – 12:40pm session #2 12.40pm – 1:10pm

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1.15pm – 3.05pm

AI and Machine Learning and LFS

1.15pm – 1.35pm

How the MIPOGG App can screen LFS in Children and Young Adults

Catherine Goudie, MD, FRCPC

1.35pm – 1.55pm

TITLE TBA

1.55pm – 2.15pm

Machine Learning Groups of Deleterious TP53 Mutations For Personalized Risk Prediction

Wenyi Wang, PhD

2.15pm – 2.35pm

LFSPRO prediction

Jessica Cooredor, GC

2.35pm – 2.55pm

Examples of how AI/ML are Helping to Offer Insights and Therapies for Rare Diseases

Stephen H. Friend, MD, PhD

2.55pm - 3.05pm

Questions

3.10pm – 5.00pm

Newborn Screening for LFS

3.10pm – 3.30pm

TITLE TBA

Lisa R. Diller, MD

3.30pm – 3.50pm

TITLE TBA

Sharon Plon, MD, PhD

3.50pm – 4.10pm

Not a Foregone Conclusion: Parental Acceptability of NBS for LFS and Other Predisposition Syndromes

Yiming Wang, MD, PhD, FRCPC

4.10pm – 4.30pm

TITLE TBA

4.30pm – 5.00pm

Screening Panel Discussion

Judy Garber, MD, MPH, Behrang Amiri, MD, PhD

6.00pm – 8.00pm

International Dinner, The Blossom Hotel

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October 5th, Monday

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7.30am – 8.30am

Breakfast

8.30am – 8.40am

LFSA Global Champion Award

8.40am – 8.55am

LFSA Hero Award

8.55am – 10.55am

Emerging Malignancies

8.55am – 9.15am

Prostate, Thyroid & colon Cancer in Li-Fraumeni Syndrome
Kara Maxwell, MD, PhD

9.15am – 9.35am

Inherited Risk, Acquired Drivers: Understanding Lung Cancer
in Li-Fraumeni Syndrome
Jaclyn LoPiccolo, MD, PhD

9.35am – 9.55am

TITLE TBA
Asaf Maoz, MD

9.55am – 10.15am

Gynecological Tumors in Li-Fraumeni Syndrome: Emerging
Evidence & Unanswered Questions
Adela Rodriguez Hernandez, MD

10.15am – 10.35am

TITLE TBA

10.35am – 10.55am

Questions

11.00am – 12.00pm

Panel Discussion

Judy Garber, MD, MPH; Maria Isabel Achatz, MD, PhD; Megan Frone,
MS, LGC; Josh Schiffman MD; Kara Maxwell, MD, PhD

12.00pm – 12.30pm

Closing and announcements