



GLENN ANDERSON
32nd Annual
**DAY OF
GOLF**

Presented by



Help us find a
CURE

An event by





CURE CANCER FOUNDATION

The Cure Cancer Foundation is a new chapter in tournament history. It's a grassroots movement to generate funding for initiatives at the Cross Cancer Institute—including research, diagnosis, treatment and patient care. We are passionate about finding a cure for cancer, while enhancing the lives of Albertans dealing with the disease.

Dedicated volunteerism can maximize the impact of all the funds we raise. In 2019, funds raised continued to go to Dr. Weinfeld and his

research team. Cancer tumours can resist radiation and chemotherapy. They survive treatment by repairing their own DNA. This team is developing new drugs that will stop this repair process. Treatment will become more effective with fewer side effects.

The funds also went to multiple myeloma cancer research



WHERE THE MONEY GOES



Wiping Out Cancer Cells

Dr. Michael Chu's patients had both relapsed several times.

The University of Alberta graduate was completing a fellowship at Stanford, conducting research and treating acute leukemia and aggressive lymphoma.

"One hundred per cent of them were expected to die," says Dr. Chu. Stanford's medical faculty was interested in an emerging treatment, known as chimeric antigen receptor (CAR) T-cells. Dr. Chu's patients received the therapy. Three years later, both are still in remission.

"Both had a very dramatic response," says Dr. Chu, describing the treatment as "groundbreaking." Today, about 50 per cent of leukemia and lymphoma patients who receive CAR T-cell therapy experience a total turnaround. The treatment is effective even with patients who continue to relapse and are without hope.

When he returned to Edmonton, Dr. Chu became a clinician-scientist at the Cross Cancer Institute, where he could continue research into multiple myeloma—a painful and still incurable bone marrow cancer. There are indications now that CAR T-cell therapy could become a new multiple myeloma treatment and cure.

CAR T-cell therapy turbocharges the immune system to create killer immune cells that can

wipe out cancers. Rather than surgically removing tumours or obliterating them with radiation and chemo—clinicians alter a patient's own cells so they can fight back.

Lymphocytes—white blood cells with a natural killer instinct—attack bacteria, viruses and cancers. Every one of our cells has a barcode. Cancer cells, however, can hide theirs, so the lymphocytes that police our bodies can't spot them and attack.

CAR T-cell therapy involves extracting blood from a patient, filtering out the lymphocytes and then genetically altering them to turn them into killers.

Dr. Chu describes it as "giving the lymphocyte a new barcode reader." These renewed lymphocytes cook for 10 to 14 days in a CliniMACS Prodigy—a piece of equipment he compares to a Keurig™. Cooking multiplies the lymphocytes.

When these killer cells re-enter the blood stream, they go on the attack. One killer cell can destroy 100,000 cancer cells.

Commercial CAR T-cell therapy costs \$500,000 per patient. Oncologists collect the lymphocytes and ship them to pharmaceutical companies in the U.S. for genetic alteration followed by 10 to 14 days in equipment like a CliniMACS Prodigy. In Alberta, there are two Prodigies—one in Edmonton and one in Calgary. The next stage is to build up a lab infrastructure to further research and provide the treatment here in Canada.

If the Cross Cancer Institute could cook its own killer cells, the cost would drop to about \$50,000—a 10th of the price. The Cross could also speed up and improve the process to treat and cure many other cancers, including multiple myeloma.

With a stem cell transplant, despite weeks of chemotherapy, the patient's stem cells are still contaminated with myeloma cancer. And the more contaminated, the more likely you are to relapse. At the Cross Cancer Institute, Dr. Chu and his research team are pursuing a brand-new protocol that uses specialized magnetic beads to clear stem cells of contamination. Think of a sieve. The healthy cells pour through while the cancer cells don't. If researchers can thoroughly eliminate myeloma from the stem cells, while keeping the other cells healthy, the project will become a clinical trial. From prototype to clinical trial, this project would cost from \$250-300K.

DNA Repair

The Alberta DNA Repair Consortium is a research team designing drugs to treat cancer. These new drugs could be more benign than chemo and radiation.

Alberta is strong in basic research into how cells work. For decades, scientists have advanced our understanding of the basic differences between cancer and normal cells. Dr. Michael Weinfeld and the Alberta DNA Repair Consortium are carrying out translational research to apply that knowledge to new drug design.

“The therapy that kills cancer cells—whether it's radiation or many of the chemotherapy drugs—kills cells by damaging the DNA,” says Dr. Michael Weinfeld.

Enzymes can repair the cancer cell DNA, so the cells bounce back and the cancer returns. The consortium is identifying and creating compounds that can inhibit the enzymes and block the repair.

These blocker compounds will one day become new cancer drugs.



DR. WEINFELD

The research has two parts:

- developing drugs that inhibit DNA repair in cancer cells and
- directly targeting the cancer cells using nanotechnology to reach only cancer cells, so healthy cells survive, and the cancer cells die

The research project began with colorectal cancer but has the potential to treat a wide range of cancers such as lung cancer.



GLENN ANDERSON
32nd Annual
**DAY OF
GOLF**

Thursday, August 13TH, 2020
Derrick Golf & Winter Club

Lunch & Registration: **11:30 a.m.**
Shotgun Start: **1:00 p.m.**



PARTNERSHIP OPPORTUNITIES

\$10,000 VIP EXPERIENCE

(4 golfers) 10 available

- Enjoy the Post Match Dinner with a Celebrity/Cross Cancer Institute Researcher
- VIP treatment at event
- Foursome Caddy
- Prominent logo recognition on event collateral materials and activation area

\$5,000 PLATINUM PARTNER

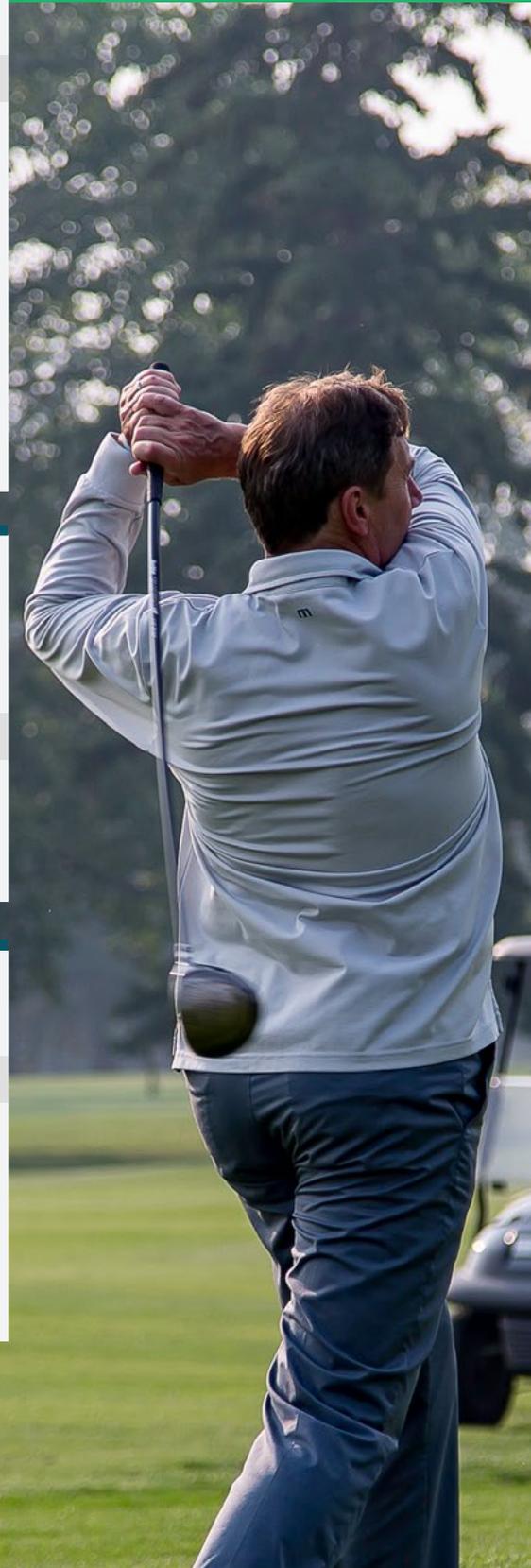
(2 golfers) 25 available

- Prominent logo recognition on selected activation area and collateral materials

PARTNER ACTIVATION OPPORTUNITIES

first-come-first-serve basis

- | | | |
|----------------------------|---------------------|----------------------|
| 1. BANQUET | 6. WINE | 10. GOLF CART |
| 2. REGISTRATION & BAG DROP | 7. DRIVING RANGE | 11. REFRESHMENT CART |
| 3. VOLUNTEERS | 8. PUTTING GREEN | 12. SCORECARD |
| 4. BAG TAG | 9. 18TH GREEN PARTY | 13. VOLUNTEER CART |
| 5. LUNCH | | |



PARTNERSHIP OPPORTUNITIES

\$3,000 **GOLD PARTNER**

(1 golfer) 40 available

- Prominent logo recognition on selected collateral materials

\$1,000 **SILVER PARTNER**

Unlimited

- Prominent logo recognition on selected collateral materials

\$500 **BRONZE PARTNER**

Unlimited

- Text listing recognition on selected collateral materials

Hole partnerships are available.
Contact Kate Gallagher for more information
kate@kmgevents.ca

Thank you to our partners for their support in 2019!

PRESENTING PARTNER



VIP EXPERIENCE PARTNERS



Scorecard Partner



Volunteer Partner &
Banquet Partner



PLATINUM PARTNERS

Course Guide Partner



Safe Ride Home Partner



Golf Cart Partner



Bag Tag Partner



Beverage Cart Partner



PLATINUM PARTNERS



CONSTRUCTION LEADERS

CONTINUING EDUCATION



DIAMOND IN-KIND PARTNERS



GOLD PARTNERS



Bennett Jones

Charbonneau
Family Memorial



GRAHAM



SILVER PARTNERS



COMPANION EVENT PARTNERS

Keyera
Leadership
Summit

POINTS WEST
MARKETING



RUTH'S
CHRIS
STEAK HOUSE
Tasting Series

Toast of Town
Celebrating
Barrie Stafford

LIVE AUCTION PARTNERS



Help us find a cure today.

COMMITTEE MEMBERS

Co-Chairman

Darren Baumgardner
Peter Wilkes
Guy Mersereau

Brian Anstice
Tim Boston
Jennifer Broda
Ryan Christensen
Brendan Connolly
Sean Curran
Darryl Boessenkool
Jeremy Fearnley
Bryn Griffiths
Brad Hainstock
Dean Heuman
Peter Inglis

Ken Jurina
Lylle Kephart
Blaine MacMillan
Kris Mauthe
Don McNabb
Simone Reese
Brian Samletzki
John Sexsmith
Dave Smith
Barrie Stafford
Darin Stuckey

DAY OF GOLF PRODUCED BY



IN PARTNERSHIP WITH



EVENT MANAGEMENT



Kate Gallagher
kate@kmgevents.ca
780 757 3077

www.curecancerfoundation.ca