



MaGIC

Malignant Germ Cell
International Consortium

FALL 2022 QUARTERLY NEWSLETTER



MaGIC reunion of some of our wonderful pediatric oncologists in Barcelona at the International Society of Pediatric Oncology Annual Congress, held in Barcelona from September 28 - October 1, 2022.

Pictured from left to right: Mariana Tomazini Pinto, Gisele Eiras Martins Jorge, Ana Glenda Santarosa Vieira, Lindsay Frazier, Vandana Batra, Cecile Faure-Contier, Tom Olson, Tyler Severance, and Luiz Fernando Lopez

MaGIC Member Spotlight



MaGIC's very own Rod Rassekh celebrating the win of the 2022 Hockey Beer League Cup with his team the PediHatricks

Name: Rod Rassekh

Affiliation: BC Children's Hospital Research Institute

Number of years involved in MaGIC:

7 years; First Annual Meeting was Cambridge 2016

Role within MaGIC:

Chair of Membership Committee; Pharmacogenomics research on AGCT1531

Why MaGIC?

Lindsay Frazier kindly invited me to become involved due to my research interest in the genetics of cisplatin toxicity. So came initially for a fantastic opportunity to be involved in a biology aim on a clinical trial, but stayed for the amazing friendships, scientific discussions, international collaborations, and the bowling!

Tell us a fun fact about yourself:

Was a breech baby and delivered via c-section by my grandfather who was the only western trained obstetrician in Iran (he didn't trust the others). Had to defend a two-time NBA MVP in high school basketball (Steve Nash only scored 61 points on me). Still play ice hockey twice a week and must be getting old as my son is now playing on my team.

News and Announcements

- Led by our Translational group, MaGIC recently published our recommendations for integrative translational research: [Advancing clinical and translational research in germ cell tumors \(GCT\): recommendations from the Malignant Germ Cell International Consortium](#)

- Toshi Shioda's lab was recently featured in Oncology Times for their research on human PGC-like cell culture: [Novel Model Developed for Genetic Modeling of Human Testicular Cancers](#)
- MaGIC Vice-Chair [Michelle Lockely](#) was recently promoted to Professor!

Upcoming Events

- [GU ASCO](#), San Francisco
February 16-18, 2023

Welcome to MaGIC

New Members

- Ronald de Krijger
Pediatric Pathology, Princess Maxima Center, Utrecht, Netherlands
- Caroline Hulsker
Pediatric Surgery, Princess Maxima Center, Utrecht, Netherlands
- Lucia Kucerova
Translational Research Unit, Comenius University and National Cancer Institute, Bratislava, Slovakia
- Annelies Mavinkurve-Groothuis
Pediatric Oncology, Princess Maxima Center, Utrecht, Netherlands
- Michal Mego
Adult Medical Oncology, Comenius University and National Cancer Institute, Bratislava, Slovakia
- Vedang Murthy
Radiation Oncology, Tata Memorial, Mumbai, India
- Jeanelle Sabourin
Gynecologic Oncology, Cross Cancer Institute/Royal Alexandra Hospital, Alberta, Canada
- Joanna Stefanowicz
Pediatric Oncology, Medical University of Gdansk, Gdansk, Poland

New Young Investigators

- Alex Chehrazi-Raffle
Adult Medical Oncology, City of Hope Comprehensive Cancer Center, California, USA
- Katarina Rejlekova
Adult Medical Oncology, Comenius University and National Cancer Institute, Bratislava, Slovakia
- Claire Stokes
Pediatric Oncology, CHOA/Emory University, Georgia, USA

Committee Updates

Clinical Research Updates

Pathology Sub-Committee

- Committee continues to grow, with 18 active members, including representation from pediatric/developmental, genitourinary and gynecologic pathology groups
- Actively collecting slides for the Immature Teratoma grading reproducibility project
- Pathology liaisons established to work with most MaGIC sub-committees
 - Young Investigator: Alyaa Al-Ibraheemi and Andy Acosta
 - Relapse Trials: João Lobo
 - Immature Teratoma: Krisztina Hanley and Andres Matoso
 - Surgery: Kim Hazard
 - Biology: Esther Elishaev and Sonja Chen

Survivorship Sub-Committee

- Working to compile survivorship data and cohorts currently available
- Looking into opportunities for prospective data collection
- Actively seeking more patient and survivor participants

Clinical Trial Design & Development Updates

Relapse/Refractory Sub-Committee

- Manuscript detailing review of existing therapies is in draft
- Discussion and planning for the development of GRACE (GCT Research Acceleration Through Collaboration of Experts) Consortium is underway
- First virtual tumor board planned for January 2023

Poor risk Sub-Committee

- Trial concept approved by Alliance GU Committee; will then move on to Alliance Steering Committee for review

Dysgerminoma Sub-Committee

- Had initial committee meeting in late October
- Created a list of key priorities and considerations required to move the field forward

Immature Teratoma sub-committee

- Recently published white paper resulting from 2020 Immature Teratoma Pathology Consensus Conference: [Addressing the Diagnostic and](#)

[Therapeutic Dilemmas of Ovarian Immature Teratoma: Report from a Clinicopathologic Consensus Conference](#)

- Sections have been assigned for a follow-up white paper describing the general MaGIC consensus on the appropriate treatment and management of immature teratoma in its' different forms of clinical presentations

Data Commons Updates

- Continuing to make progress with data harmonization and transfer into the commons

Biology Updates

Upcoming webinars ([zoom link](#); Meeting ID: 983 5222 8826; Passcode: 169775)

- **December 21 - Investigating the Role of piRNAs and Transposons in Testicular Germ Cell Tumor Formation**

Xin Zhiguo Li, PhD

Associate Professor, Department of Biochemistry and Biophysics, Department of Urology, University of Rochester

Patient Advocate Updates

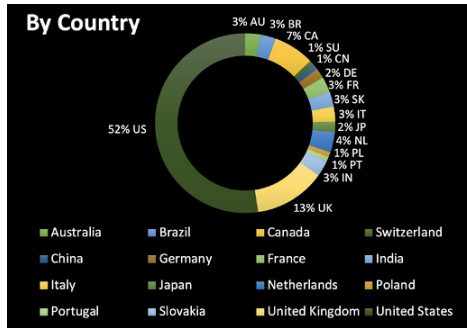
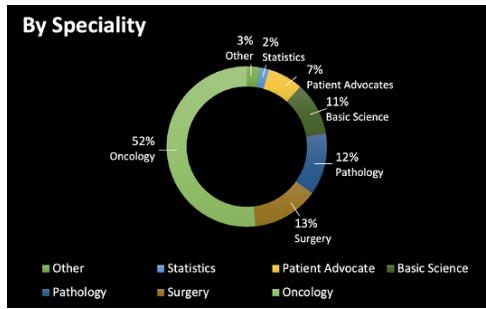
- White paper of patient and survivor priorities is in development

Young Investigators Updates

- Next committee meeting scheduled for December 2

MaGIC At A Glance

A brief overview of the current breakdown of MaGIC Membership



A heartfelt thanks to our wonderful Donors and Supporters ...



... and to our Data Contributors!



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