



XXX IACRLRD SYMPOSIUM

IACRLRD

2021

30th Symposium of the
International Association for
Comparative Research on
Leukemia and Related Diseases



12 EBAH
CREDIT POINTS



13 - 16 OCTOBER, 2021

Hilton Beirut Habtoor Grand
Beirut, Lebanon



XXX IACRLRD SYMPOSIUM

13 - 16 October, 2021



Dear colleagues and friends,

It is my pleasure to invite you to the 30th Symposium of the International Association for Comparative Research on Leukemia and Related Diseases (XXX IACRLRD 2021) hybrid event (on-site & via Zoom) to be held for the first time in the Middle-East region in Beirut, Lebanon from the 13th to the 16th of October, 2021.

This high caliber event which takes place at various sites around the world every two years, has become one of the leading international platforms for the exchange of ideas, knowledge and the latest research on leukemia and other related diseases.

IACRLRD 2021 features world-renowned speakers with valuable contributions in the field of Leukemia presenting the latest advances and studies, a stimulating scientific program and several opportunities for participants to network and build collaborative relationships in the aim of improving patient outcomes in leukemia and related diseases worldwide.

We are delighted to be hosting this widely anticipated event and we will spare no effort to meet everyone's expectations. Mark this important date in your calendar, and follow up on updates on both the IACRLRD 2021 and Infomed International for events websites.

We look forward to seeing you all, either face to face or online at the IACRLRD 2021.

Sincerely Yours,

Ali Bazarbachi, MD, PhD

President of IACRLRD 2021



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IACRLRD EXECUTIVE COMMITTEE

President	Ali Bazarbachi, Lebanon
Vice president	Hagop Kantarjian, USA
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President elect of the Lebanese Society of Hematology

Ali Taher, The American University of Beirut, Faculty of Medicine.

COLLABORATION WITH REGIONAL SOCIETIES



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LEBANESE SOCIETY OF HEMATOLOGY
AND BLOOD TRANSFUSION





XXX IACRLRD SYMPOSIUM

13 - 16 October, 2021

DAY 1: WEDNESDAY OCTOBER 13, 2021

(UTC+3)

10:00 AM - 11:00 AM PRE-MEETING SYMPOSIUM: LEBANESE FORUM ON HEMATOLOGICAL MALIGNANCIES - PART I
Chairs: Nizar Bitar (Beirut, Lebanon) - Colette Hanna (Beirut, Lebanon)

10:00 AM - 10:10 AM Diffuse Large B-Cell Lymphoma Beyond R-CHOP?
Ahmad Ibrahim (Beirut, Lebanon)

10:10 AM - 10:20 AM Role of Ineffective Erythropoiesis in MDS and Thalassemia
Ali Taher (Beirut, Lebanon)

10:20 AM - 10:30 AM Lebanese Experience in Multiple Myeloma
Fadi Nasr (Beirut, Lebanon)

10:30 AM - 10:40 AM New Drugs in AML: The Lebanese Experience
Jean El-Cheikh (Beirut, Lebanon)

10:40 AM - 11:00 AM Live Q & A Session
Speakers and Moderators

11:00 AM - 12:00 PM PRE-MEETING SYMPOSIUM: LEBANESE FORUM ON HEMATOLOGICAL MALIGNANCIES - PART II
Chairs: Hampig Kourie (Beirut, Lebanon) - Rami Mahfouz (Beirut, Lebanon)

11:00 AM - 11:10 AM More than One AML: The Clinical Utility of Next Generation Sequencing
Iman Abou Dalle (Beirut, Lebanon)

11:10 AM - 11:20 AM Nucleophosmin-1 in Acute Myeloid Leukemia: A Friend or a Foe
Hiba El Hajj (Beirut, Lebanon)

11:20 AM - 11:30 AM Optimizing Therapies of Chronic Myeloid Leukemia: One Step Closer to Cure?
Rihab Nasr (Beirut, Lebanon)

11:30 AM - 11:40 AM ATL-Derived Extracellular Vesicles Modulate Niche Function: Potential Role in Leukemia Progression
Marwan Sabban (Beirut, Lebanon)

11:40 AM - 12:00 PM Live Q & A Session
Speakers and Moderators

12:00 PM - 02:00 PM Meeting of the World Committee Members Break for all Participants & Poster Viewing

02:15 PM - 02:30 PM Welcome and Introduction of Day 1
Ali Bazarbachi (Beirut, Lebanon) - Hagop Kantarjian (Houston, USA)



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02:30 PM - 03:30 PM CLARA BLOOMFIELD MEMORIAL LECTURE

Chairs: Elena Parovichnikova (Moscow, Russia) - Hwei-Fang Tien (Taipei, Taiwan)

02:30 PM - 02:40 PM Introduction
Rüdiger Hehlmann (Manheim, Germany)

02:40 PM - 03:10 PM The Long March of Molecular Biology in Leukemia
Carlo M. Croce (Columbus, USA)

03:10 PM - 03:20 PM Live Q & A Session
Speakers and Moderators

03:30 PM - 04:30 PM AbbVie Symposium | Chair: Jean El-Cheikh (Beirut, Lebanon)
Transformation to a New Era in CLL with Venclexta
Iman Abou Dalle (Beirut, Lebanon)

04:30 PM - 05:30 PM JOHN MOLONEY MEMORIAL LECTURE

Chair: Adriana Giri (Rosario, Argentina)

04:30 PM - 04:40 PM Introduction
Luigi Chieco Bianchi (Padua, Italy)

04:40 PM - 05:10 PM Adult T Cell Leukemia/Lymphoma
Ali Bazarbachi (Beirut, Lebanon)

05:10 PM - 05:20 PM Live Q & A Session
Speakers and Moderators

05:30 PM - 06:30 PM SELECTED ORAL ABSTRACTS FROM YOUNG RESEARCHERS

Chairs: Iman Abou Dalle (Beirut, Lebanon) - Hemant Malhotra (Jaipur, India)

05:30 PM - 05:40 PM Homeostatic Proliferation Affects Early Recovery of Functional PD-1- and TIM-3-Expressing T Cells after AH SCT in Multiple Myeloma Patients
Egor Batorov (Novosibirsk, Russia)

05:40 PM - 05:50 PM In Vivo Antagonistic Role of the Human T-Cell Leukemia Virus Type 1 Regulatory Proteins Tax and HBZ in Oncogenic Transformation
Abdou Akkouche (Beirut, Lebanon)

05:50 PM - 06:00 PM A Pin1/PML/P53 Axis Activated by Retinoic Acid in NPM-1c-Acute Myeloid Leukemia
Rita Hleihel (Beirut, Lebanon)

06:00 PM - 06:10 PM Unraveling the Molecular Signature of BCR-ABLP210 and BCR-ABL T315I in the Drosophila Melanogaster CML Model
Amro Baassiri (Beirut, Lebanon)

06:10 PM - 06:20 PM MicroRNAs: Potential Biomarkers for Diseases
Mohammad Fayyad-Kazan (Beirut, Lebanon)

06:20 PM - 06:30 PM Q&A

07:00 PM Opening Ceremony



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DAY 2: THURSDAY OCTOBER 14, 2021

(UTC+3)

10:00 AM - 11:00 AM Novartis Symposium | Chair: Ali Bazarbachi (Beirut, Lebanon)
Updates in the Management of Acute and Chronic GVHD
Jean El-Cheikh (Beirut, Lebanon)

11:00 AM - 12:00 PM Biologix Symposium
Challenges and Updates in the Management of CP-CML
Elias Jabbour (Houston, USA)

12:00 PM - 12:15 PM Introduction of Day 2
Ali Bazarbachi (Beirut, Lebanon)

12:15 PM - 01:45 PM **INFECTIONS, INFLAMMATION AND CANCER**
Chairs: Ahmad Ibrahim (Beirut, Lebanon) - Anne Van den Broeke (Brussels, Belgium)

12:15 PM - 12:30 PM COVID-19 and Hematological Malignancies
Mikael A. Sekeres (Miami, USA)

12:30 PM - 12:45 PM Management of COVID-19 Infection
Olivier Hermine (Paris, France)

12:45 PM - 01:00 PM HIV Vaccination
Genevffa Franchini (Bethesda, USA)

01:00 PM - 01:15 PM Pathogenesis of HTLV-1 Associated Diseases
Toshiki Watanabe (Tokyo, Japan)

01:15 PM - 01:45 PM Live Q & A Session
Speakers and Moderators

01:45PM - 02:30 PM Break & Poster Viewing

Novartis Symposium | Chair: Ali Abdullah AL-Ahmari (Riyadh, KSA)
Redefining Survival in Relapsed/Refractory ALL

02:30 PM - 03:00 PM Franco Locatelli (Rome, Italy)

03:00 PM - 03:30 PM Ali Abdullah AL-Ahmari (Riyadh, KSA)

03:30 PM - 05:30 PM **ACUTE MYELOID LEUKEMIA**
Chairs: Marina Konopleva (Houston, USA) - Amer Zeidan (New Haven, USA)

03:30 PM - 03:45 PM How I Approach the Patient with AML
Gert Ossenkoppele (Amsterdam, The Netherlands)

03:45 PM - 04:00 PM FLT3 Molecular Mutations and Treatment Approaches
Richard Stone (Boston, USA)

04:00 PM - 04:15 PM Management of NPM1 Mutated AML
Hervé Dombret (Paris, France)



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DAY 2: THURSDAY OCTOBER 14, 2021

(UTC+3)

04:15 PM - 04:30 PM IDH Mutant Inhibitors: Clinical Progress & Future Directions
Stéphane de Botton (Villejuif, France)

04:30 PM - 04:45 PM Venetoclax and BCL2 Inhibition in AML
Courtney DiNardo (Houston, USA)

04:45 PM - 05:00 PM Minimal Residual Disease in AML
Arjan Van de Loosdrecht (Amsterdam, The Netherlands)

05:00 PM - 05:30 PM Live Q & A Session
Speakers and Moderators

05:30 PM - 06:30 PM **CHARLOTTE FRIEND MEMORIAL LECTURE**
Chair: Richard Larson (Chicago, USA)

05:30 PM - 05:40 PM Introduction
Richard Larson (Chicago, USA)

05:40 PM - 06:10 PM What Did we Learn From Targeted Therapy of APL?
Hugues de Thé (Paris, France)

06:10 PM - 06:20 PM Live Q & A Session
Speakers and Moderators

06:30 PM - 07:20 PM **HOWARD TEMIN MEMORIAL LECTURE**
Chair: Dieter Hoelzer (Frankfurt, Germany)

06:30 PM - 06:40 PM Introduction
Dieter Hoelzer (Frankfurt, Germany)

06:40 PM - 07:10 PM State of the Art Therapy of ALL
Hagop Kantarjian (Houston, USA)

07:10 PM - 07:20 PM Live Q & A Session
Speakers and Moderators

07:30 PM - 08:30 PM **FOCUS GROUP - CLL**
Hagop Kantarjian (Houston, USA)

by invitation



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DAY 3: FRIDAY, OCTOBER 15, 2021

(UTC+3)

11:00 AM - 12:00 PM Janssen Symposium | Chair: Mona Ayoubi (Beirut, Lebanon)
The Contemporary Treatment Approach for Chronic Lymphocytic Leukemia
Fadi Nasr (Beirut, Lebanon)

12:00 PM - 12:15 PM Introduction of Day 3
Ali Bazarbachi (Beirut, Lebanon)

12:15 PM - 02:00 PM **PHILADELPHIA POSITIVE LEUKEMIAS**
Chairs: Jorge Cortes (Augusta, GA, USA) - Jerzy Holowiecki (Katowice, Poland)

12:15 PM - 12:30 PM How I Select TKI in CML
Dong-Wook Kim (Uijeongbu, South Korea)

12:30 PM - 12:45 PM Management of Resistant CML
Andreas Hochhaus (Jena, Germany)

12:45 PM - 01:00 PM Therapy Discontinuation in CML
François Xavier Mahon (Bordeaux, France)

01:00 PM - 01:15 PM Any Future of Interferon-Alpha in CML?
François Guilhot (Poitiers, France)

01:15 PM - 01:30 PM Management of Philadelphia Positive ALL
Elias Jabbour (Houston, USA)

01:30 PM - 02:00 PM Live Q & A Session
Speakers and Moderators

02:00 PM - 02:30 PM Break & Poster Viewing

02:30 PM - 03:30 PM AbbVie Symposium | Chair: Ali Bazarbachi (Beirut, Lebanon)
Transformation to a New ERA in AML with Venclxeta
Ahmad Ibrahim (Beirut, Lebanon)

03:30 PM - 05:30 PM **MDS AND MPN**
Chairs: Fadi Nasr (Beirut, Lebanon) - Ali Taher (Beirut, Lebanon)

03:30 PM - 03:45 PM How I Treat MDS
Guillermo Garcia Manero (Houston, USA)

03:45 PM - 04:00 PM Novel Drugs in MDS
Pierre Fenaux (Paris, France)

04:00 PM - 04:15 PM Clonal Hematopoiesis
Benjamin Ebert (Boston, USA)



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DAY 3: FRIDAY, OCTOBER 15, 2021

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04:15 PM - 04:30 PM How I Treat Essential Thrombocythemia
Claire Harrison (London, United Kingdom)

04:30 PM - 04:45 PM How I Treat Myelofibrosis
Alessandro M. Vannucchi (Florence, Italy)

04:45 PM - 05:00 PM How I Treat Polycythemia Vera
Srdan Verstovsek (Houston, USA)

05:00 PM - 05:30 PM Live Q & A Session
Speakers and Moderators

05:30 PM - 06:30 PM **KENNETH B. MCCREDIE MEMORIAL LECTURE**
Chair: Miguel-Angel Perales (New York, USA)

05:30 PM - 05:40 PM Introduction
Miguel-Angel Perales (New York, USA)

05:40 PM - 06:10 PM CAR T Cells, Past Present and Future
Stephan Grupp (Philadelphia, USA)

06:10 PM - 06:20 PM Live Q & A Session
Speakers and Moderators

06:30 PM - 07:30 PM **YOHEI ITO MEMORIAL LECTURE**
Chair: Birol Güvenç (Adana, Turkey)

06:30 PM - 06:40 PM Introduction
Yasushi Miyazaki (Nagasaki, Japan)

06:40 PM - 07:10 PM Precision Medicine in AML
Hartmut Döhner (Ulm, Germany)

07:10 PM - 07:20 PM Live Q & A Session
Speakers and Moderators

07:30 PM - 08:30 PM **FOCUS GROUP - CLL**
William Wierda (Houston, USA)

by invitation



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DAY 4: SATURDAY, OCTOBER 16, 2021

(UTC+3)

10:00 AM - 11:00 AM **FOCUS GROUP - AML** *by invitation*
Courtney DiNardo (Houston, USA)

11:00 AM - 11:25 AM Amgen Symposium | Chair: Jean El-Cheikh (Beirut, Lebanon)
Progress in Adult and Elderly ALL in 2021
Elias Jabbour (Houston, USA)

11:25 AM - 11:50 AM Amgen Symposium | Chair: Mahmoud Marashi (Dubai, UAE)
Therapy of R-R ALL (PH-ALL)
Riyad El Fakih (Riyadh, KSA)

11:50 AM - 12:00 PM Q&A | Panel Questions

12:00 PM - 12:15 PM Introduction of Day 4
Ali Bazarbachi (Beirut, Lebanon)

12:15 PM - 02:00 PM **CHRONIC LYMPHOCTIC LEUKEMIA**
Chairs: Magnus Björkholm (Stockholm, Sweden) - Giuseppe Saglio (Turin, Italy)

12:15 PM - 12:30 PM How I Treat CLL
Paolo Ghia (Milan, Italy)

12:30 PM - 12:45 PM Management of Resistant CLL
Sameer Parikh (Rochester, MN, USA)

12:45 PM - 01:00 PM Fixed Duration Versus Continuous Therapy in CLL
William Wierda (Houston, USA)

01:00 PM - 01:15 PM MRD in CLL
Robin Foà (Rome, Italy)

01:15 PM - 01:30 PM Transplant and CAR-T Cells in CLL
Mohamad Kharfan-Dabaja (Jacksonville, USA)

01:30 PM - 02:00 PM Live Q & A Session
Speakers and Moderators

02:00 PM - 02:30 PM Break & Poster Viewing

02:30 PM - 03:30 PM **General Assembly Meeting and Announcement of the IACRLRD 2023**

03:30 PM - 05:30 PM **TRANSPLANT IN HEMATOLOGICAL MALIGNANCIES**
Chairs: Meral Beksac (Ankara, Turkey) - Jean El-Cheikh (Beirut, Lebanon)

03:30 PM - 03:45 PM Transplant in MDS
Ibrahim Yakoub-Agha (Lille, France)

03:45 PM - 04:00 PM Transplant in Multiple Myeloma
Mohamad Mohty (Paris, France)



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DAY 4: SATURDAY, OCTOBER 16, 2021

(UTC+3)

04:00 PM - 04:15 PM Transplant in Aggressive Lymphoma
Carmino A. de Souza (Campinas, Brazil)

04:15 PM - 04:30 PM Transplant in Hodgkin Lymphoma
Anna Sureda (Barcelona, Spain)

04:30 PM - 04:45 PM Transplant in ALL
Sebastian Giebel (Gliwice, Poland)

04:45 PM - 05:00 PM Transplant in AML
Xiao-Jun Huang (Beijing, China)

05:00 PM - 05:30 PM Live Q & A Session
Speakers and Moderators

05:30 PM - 06:30 PM **FRANK RAUSCHER MEMORIAL LECTURE**
Chair: Daniela S. Krause (Frankfurt, Germany)

05:30 PM - 05:40 PM Introduction
Daniela S. Krause (Frankfurt, Germany)

05:40 PM - 06:10 PM State of the Art Treatment of CML
Giuseppe Saglio (Turin, Italy)

06:10 PM - 06:20 PM Live Q & A Session
Speakers and Moderators

06:30 PM - 07:00 PM **Closing Lecture**
New Emerging Drugs in Clinical Development
Giovanni Martinelli (Meldola, Italy)



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SELECTED POSTER ABSTRACTS FROM YOUNG RESEARCHERS

The Levels of Galectin-3 and Light Chains of Immunoglobulins in Multiple Myeloma Patients with Kidney Damage in Residents of the Gomel Region of Belarus
Zhanna Kozich (Gomel, Belarus)

First-Line Treatment Outcomes of CML Patients in a Real-World Data Setting in Lebanon
Lewis Nasr (Beirut, Lebanon)

Clinical Characteristics and Outcome of Acute Leukemia in Lebanese Patients:
A Retrospective Observational Analysis
Lewis Nasr (Beirut, Lebanon)

Case Report: A Successful Treatment of a Case Of MPN-PVwith JAKAVI
Nour A. Haidar (Beirut, Lebanon)

The Use of Voriconazole as Primary Prophylaxis for Invasive Fungal Infections in Patients Undergoing Allogeneic Stem Cell Transplantation: A Single Center Experience
Ali Atoui (Beirut, Lebanon)

First Line Treatment of Hairy Cell Leukemia with Cladribine Followed by Rituximab Consolidation Significantly Improves Leukemia-Free Survival
Mona Ali Hassan (Beirut, Lebanon)

BV-ICE Salvage Therapy for Relapsed/Refractory Hodgkin Lymphoma
Ghid Amhaz (Beirut, Lebanon)

Impact of Donor-Specific Anti-HLA Antibody on Platelet Transfusion Refractoriness in Haplo-Identical Hematopoietic Stem Cell Transplant Patients: A Single-Center Experience
Firas Kreidieh (Beirut, Lebanon)

Outcomes of Patients with Relapsed/Refractory Acute Myeloid Leukemia Undergoing Allogeneic Hematopoietic Cell Transplantation in Active Disease
Jeannot Kekedjian (Beirut, Lebanon)

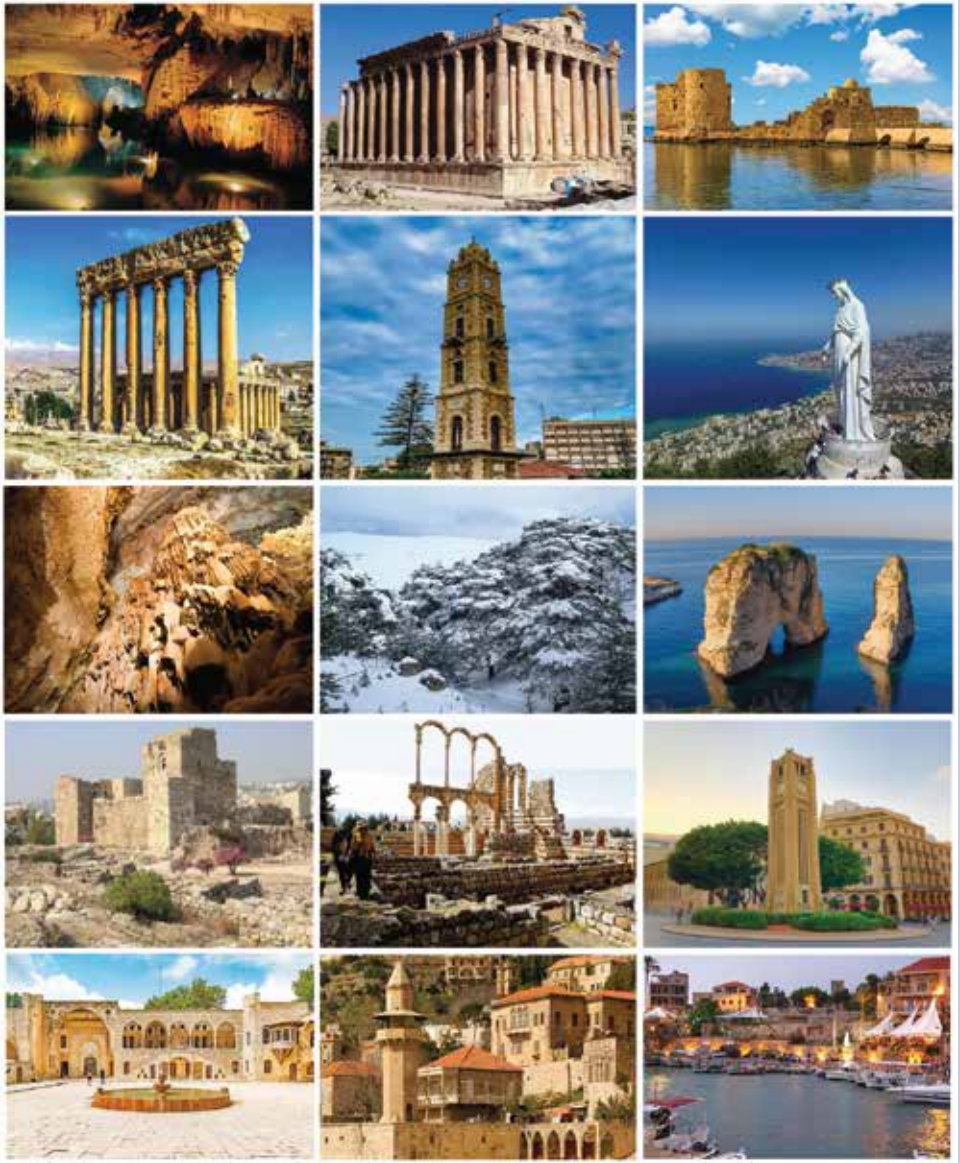
Impact of Insurance Status and Distance from Residence to Treatment Center on the Outcomes of Patients Diagnosed with Acute Myeloid Leukemia
Layal Al Mahmasani (Beirut, Lebanon)

A Thiosemicarbazone Derivative Induces Triple Negative Breast Cancer Cell apoptosis:
Possible Role of miRNA-125a and miRNA-181a
Rania El Majzoub (Beirut, Lebanon)

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would like to thank the below sponsors
for their valued contribution





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