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RISE MPN 2026

Can we engineer disease trajectories in MPNs?

6–7 NOVEMBER
COURTYARD BY MARRIOTT
ROME CENTRAL PARK

RISE MPN 2026

risempn.org

RiseMPN 2026

Can we engineer disease trajectories in MPNs?

Scientific Programme
6–7 November 2026 | Courtyard by Marriott Rome Central Park

Congress Presidents:
Alessandro Lucchesi · Gerardo Musuraca · Antonino Musolino
IRST "Dino Amadori" IRCCS, Meldola

DAY 1 — Friday, 6 November 2026

08:50–08:55 Welcome
Alessandro Lucchesi, Gerardo Musuraca and Antonino Musolino
Congress Presidents

08:55–09:15 RISE LECTURE I [20 min]
Distinguished Chair: **Sara Galimberti**
Tiziano Barbui — Risk as a trajectory: from static scores to dynamic disease engineering in MPNs

09:20–10:35 Session 1 — Blueprint: the biological levers we can actually pull [75 min]
Chairs: **Alessandro Lucchesi, Elena Masselli**
Hans Hasselbalch — From clonal aging to early interception: CHIP clinics as a model for MPN prevention
Francisca Ferrer-Marín — Inflammasome activation and IL-1 signalling in MPNs and MDS/MPN: inflammation as a targetable biological lever
Nageswara Rao Tata — Metabolic vulnerabilities and tractable diagnostic and therapeutic targets of the MPN clone
Daniele Tibullo — Metabolic reprogramming in the MPN niche: lactate, immune escape, and targetable vulnerabilities
Discussion: "Which lever first: clone, niche, vessel, or host?"

10:35–10:50 Coffee Break

10:50–12:05 Session 2 — MF: build the platform, then add the modifier [75 min]
Chairs: **Giuseppe Palumbo, Andrea Patriarca**
Alessandro Lucchesi — Dynamic risk in myelofibrosis: anaemia as trajectory sensor and the first readable signal of disease modification
Daniele Cattaneo — First-line MF: navigating JAK inhibitor selection and the evolving treatment algorithm
John Mascarenhas — MF combination landscape: emerging combinations and where they fit the platform
Florian Heidel — MDM2/p53 and clone-stress strategies: from biology to combination rationale in MF
Discussion: "What is the clearest 'disease-mod' signal today?"

12:05–12:20 BRIDGE LECTURE I [15 min]
Distinguished Chair: **Mariasanta Napolitano**
Haifa Kathrin Al-Ali — Thrombotic recurrence in MPNs: the unmet need that proves disease modification is not yet complete

12:20–12:50 STRATEGIC DIALOGUE — Engineering the MF trajectory: a transatlantic perspective [30 min]
Moderator: **Danijela Leković**
Jennifer O'Sullivan — European perspective: translational biology, real-world evidence, and how they reshape MF decisions (10 min)

Tania Jain — US perspective: molecular risk architecture, transplant positioning, and the MDS/MPN boundary as a trajectory signal (10 min)
Moderated exchange: 10 min.

12:50–14:05 Session 3 — The rational add-on toolbox: epigenetic, signalling, and erythroid targets [75 min]
Chairs: **Jennifer O'Sullivan, Florian Heidel**
Andrea Patriarca — BET/HDAC/LSD1 inhibitors in MF: what epigenetic modifiers really change
Michael Loschi — Non-JAK resistance nodes as combo targets: PI3Kδ, PIM, and CDK8-19 inhibitors in the synergy playbook
Domenico Girelli — Iron metabolism as a biological lever: hepcidin, erythroferrone, and the logic of pathway interference
Giuseppe Palumbo — Activin ligand traps and TGF-β pathway modulators for MF anaemia: clinical evidence and positioning
Discussion: "Mechanism → positioning: how to avoid 'combo tourism'."

14:05–15:00 Lunch + Industry Lunch Symposium Sponsor GSK
INDUSTRY LUNCH SYMPOSIUM
Shaping the Treatment Trajectory for Patients with Myelofibrosis and Anemia
Moderator: **Alessandro Lucchesi**
Elena Rossi — First-Line Treatment Choices in Myelofibrosis: Setting the Trajectory from the Start
Giuseppe Palumbo — Real-World Evidence, Switch Criteria and the Case for Early Switch in Myelofibrosis and Anemia
Not included in the CME programme

15:00–16:15 Session 4 — PV and ET: upstream trajectory change (before it becomes irreversible) [75 min]
Chairs: **Srinivas Tantravahi, Danijela Leković**
Erika Morsia — ET beyond cytoreduction: where epigenetic modifier strategies belong
Elena Rossi — Deceptive calm: acquired coagulopathy in ET, from occult bleeding risk to unpredictable thrombotic phenotypes
Heinz Gisslinger — Masked polycythaemia vera and long-term interferon response: recognising the hidden trajectory and modifying it (20 min)
Marina Kremyanskaya — Iron-axis therapeutics in PV: hepcidin mimetics and TMPRSS6-silencing agents, clinical data and positioning
Discussion: "Can PV/ET be engineered like CML was?"

16:15–17:15 Session 5 — Vessel-first reality check: thrombosis, cardiovascular burden, and pragmatic prevention [60 min — 3 talks]
Chairs: **Hans Hasselbalch, Guglielmo Mariani**
Mariasanta Napolitano — Thrombotic emergencies in MPNs: acute management, atypical sites, and what changes practice
Giulio Giordano — Platelets, niche and advanced MF phenotypes: why thrombocytopenia is a biology signal
Olga Demska — Atrial fibrillation in MPNs: an underrecognised complication reshaping vascular management
Discussion: "What do we treat first when the 'vessel' is screaming?"

17:15–17:35 THE RISE RITUAL — Evening Reflections and Networking Pause
"A Sip of Insight" — a symbolic glass of wine, paired with an artisan chocolate. Each attendee receives a "Rise Note" card with the 2026 quote of the year and

space to capture a thought, question, or inspiration.

17:35–18:40 Session 6 — Preclinical Spotlight: why the next trials should work [65 min]
Distinguished Chairs:
Sara Galimberti, Thomas Fischer
Invited Talk (15 min):
Elena Masselli — Beyond the biopsy: can CCR2+CD34+ cell dynamics and functional imaging stage fibrosis non-invasively?
Tutor + Emerging Talent — Pair 1 (10 + 10 min):
Sara Galimberti — Contextualising splenic micro-environment research: from biology to transplant implications (Distinguished Chair / Tutor)
Edoardo Peroni — Spatially resolved transcriptomics profiling reveals compartmentalised inflammatory and fibrogenic circuits in the myelofibrosis spleen
(Best Abstract Winner #1, RiseMPN 2025)
Tutor + Emerging Talent — Pair 2 (10 + 10 min):
Thomas Fischer — Contextualising oxidative stress and signalling in MPN neutrophils: the pathway landscape (Distinguished Chair / Tutor)
Enrico La Spina — Uncoupled NRF2 activation and persistent unfolded protein response characterise neutrophils in myelofibrosis
(Best Abstract Winner #2, RiseMPN 2025)
Discussion: "From bench to trial: what these findings change for combination design."

18:40–18:50 Closing Day 1
Key take-aways and "questions to answer tomorrow."

DAY 2 — Saturday, 7 November 2026

08:30–08:35 Welcome Back

08:35–09:45 Session 7 — Patients that force the strategy to be real [70 min — 4 talks]
Chairs: **Federica Frabetti, Marina Kremyanskaya**
Novella Pugliese — Recurrent miscarriage in MPNs: decisions, trade-offs, trajectories
Marta Sobas — AYA-MPN: lifelong trajectory engineering starts here
Giorgia Micucci — Bleeding syndromes in MPN: the 'other side' of vascular medicine
Giovanni Caocci — Quality of life in polycythaemia vera: iron bioavailability, the phlebotomy burden, and the perception gap between physicians and patients
Discussion: "Personalised strategy is not a slogan: what changes Monday morning?"

09:50–10:10 RISE LECTURE II [20 min]
Distinguished Chair: **Thomas Fischer**
Giovanni Martinelli — How to starve a myeloid clone: metabolic constraints as therapeutic opportunity

10:10 Open Coffee
Coffee available in the networking area from 10:10, running through Bridge Lecture II and Session 8

10:10–10:30 BRIDGE LECTURE II [20 min]
Distinguished Chair: **Claudio Cerchione**
Daniela Cilloni — The nuclear border: nucleocytoplasmic transport as a shared vulnerability across myeloid neoplasms

10:30–11:45 Session 8 — Precision diagnostics to steer combos (and prove modification)
[75 min]
Chairs: **Francesco Malaspina, Elena Rossi**
Ciro Rinaldi — CALR and CD47 dynamics: immunologic targets and anti-CALR logic
Paola Guglielmelli — NGS architecture and response-adaptive monitoring: making trials 'trajectory-aware'
Nicola Gentili — Federated learning at the service of clinical scores: real-world evidence infrastructure for MPN trajectory monitoring
Andrea Duminuco — Interpretable scores and composite vascular risk to guide strategy
Discussion: "If you can't measure it, you can't engineer it."

11:45–13:00 Session 9 — When the trajectory accelerates: transplant, blast phase, and the limits of modification [75 min]
Chairs: **Gerardo Musuraca, John Mascarenhas**
Selene Guerzoni — Bridge-to-transplant in MF: how modern therapy changes candidacy and timing
Francesco Saraceni — Allo-SCT in older MF: realistic pathways and decision thresholds
Patrizia Chiusolo — Predicting post-SCT outcomes: how 'modification' shows up after the cure attempt
Jose Torregrosa — Accelerated and blast phase MPN: recognising the turning point and rewriting the endgame
Expert Discussant: Tania Jain (Johns Hopkins) — structured commentary on transplant timing and molecular risk integration
Discussion: "When is 'enough improvement' enough to move?"

13:00–14:30 Session 10 — Beyond classical MPN: lessons from mastocytosis, HES and CML
[90 min — 5 talks]
Chairs: **Elisabetta Abruzzese, Gianantonio Rosti**
Daniela Cilloni — Systemic mastocytosis: targeted therapies and real endpoints in advanced disease
Giuseppe Gaetano Loscocco — HES: targeted approaches and trajectory control in eosinophil-driven disease
Mario Tiribelli — CML: positioning third-generation TKIs and allosteric BCR-ABL1 inhibitors in 2026 practice
Srinivas Tantravahi — New clinical trials in CML: what they teach us about deep targets and MRD
Carmen Fava — CML monitoring in 2026: methodologies, treatment-free remission, and the challenge of atypical transcripts
Discussion: "What can MPN steal (ethically) from these playbooks?"

14:30–15:10 Buffet Lunch + Poster Walk + Best Poster Award [40 min]
Buffet served alongside the Poster Walk
Posters displayed in the networking/lunch area.
Poster Walk co-led by Monica Poggiaspalla and Giovanni Martinelli on behalf of the Scientific Committee.
Best Poster Award (~14:50) — Presented by the RiseMPN Scientific Committee. The award includes full hospitality for RiseMPN 2027.

15:10–15:20 Closing Remarks [10 min]
Moderators: **Alessandro Lucchesi, Gerardo Musuraca, Antonino Musolino**
Key messages, acknowledgements, and preview of RiseMPN 2027.
The RiseMPN Trajectory Statement 2026 will be developed as a post-congress publication.

FACULTY

Congress Presidents

Alessandro Lucchesi
IRST "Dino Amadori" IRCCS, Meldola, Italy
Gerardo Musuraca
IRST "Dino Amadori" IRCCS, Meldola, Italy
Antonino Musolino
IRST "Dino Amadori" IRCCS, Meldola, Italy

Rise Lectures

Tiziano Barbui — FROM — Fondazione per la Ricerca Ospedale di Bergamo, Italy
Giovanni Martinelli — IRCCS Azienda Ospedaliero-Universitaria di Bologna, Istituto di Ematologia "Seràgnoli", Italy

Distinguished Chairs

Sara Galimberti — University of Pisa, Italy
Thomas Fischer — Otto-von-Guericke University, Magdeburg, Germany
Mariasanta Napolitano — University of Palermo, Italy
Claudio Cerchione — IRST "Dino Amadori" IRCCS, Meldola, Italy

Strategic Dialogue

Danijela Leković — University Clinical Center of Serbia, Belgrade, Serbia
Jennifer O'Sullivan — MRC Weatherall Institute of Molecular Medicine, University of Oxford, UK
Tania Jain — Johns Hopkins University, Baltimore, USA

Session Speakers (alphabetical)

Haifa Kathrin Al-Ali — Universitätsklinikum Halle (Saale), Germany
Giovanni Caocci — University of Cagliari / AOU Cagliari, Italy
Daniele Cattaneo — Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy
Patrizia Chiusolo — Fondazione Policlinico Universitario A. Gemelli IRCCS, Rome, Italy
Daniela Cilloni — University of Turin, Italy
Olga Demska — Wrocław Medical University, Wrocław, Poland
Andrea Duminuco — AOU Policlinico "G. Rodolico", Catania, Italy
Carmen Fava — University of Turin, Italy
Francisca Ferrer-Marín — IIS-Fundación Jiménez Díaz, UCAM, Madrid, Spain
Nicola Gentili — IRST "Dino Amadori" IRCCS, Meldola, Italy
Giulio Giordano — A.O.R.N. "A. Cardarelli", Campobasso, Italy
Domenico Girelli — University of Verona, Italy
Heinz Gisslinger — Medical University of Vienna, Austria
Selene Guerzoni — IRST "Dino Amadori" IRCCS, Meldola, Italy
Paola Guglielmelli — CRIMM, University of Florence / AOU Careggi, Italy
Hans Hasselbalch — Zealand University Hospital, Roskilde, Denmark
Florian Heidel — Medizinische Hochschule Hannover (MHH), Germany
Marina Kremyanskaya — Icahn School of Medicine at Mount Sinai, New York, USA
Enrico La Spina — University of Catania, Italy
Michael Loschi — CHU de Nice, France
Giuseppe Gaetano Loscocco — CRIMM, University of Florence / AOU Careggi, Italy
Alessandro Lucchesi — IRST "Dino Amadori" IRCCS, Meldola, Italy
John Mascarenhas — Icahn School of Medicine at Mount Sinai, New York, USA
Elena Masselli — University of Parma, Italy
Giorgia Micucci — IRST "Dino Amadori" IRCCS, Meldola, Italy

Erika Morsia — Università Politecnica delle Marche, Ancona, Italy
Mariasanta Napolitano — University of Palermo, Italy
Giuseppe Palumbo — University of Catania, Italy
Andrea Patriarca — University of Eastern Piedmont, Novara, Italy
Edoardo Peroni — Istituto Oncologico Veneto IOV-IRCCS, Padova, Italy
Novella Pugliese — Federico II University, Naples, Italy
Ciro Rinaldi — University of Lincoln, UK
Elena Rossi — Fondazione Policlinico Universitario A. Gemelli IRCCS / Università Cattolica, Rome, Italy
Francesco Saraceni — Università Politecnica delle Marche, Ancona, Italy
Marta Sobas — Wrocław Medical University, Wrocław, Poland
Srinivas Tantravahi — University of Utah / Huntsman Cancer Institute, Salt Lake City, USA
Nageswara Rao Tata — Cantonal Hospital St. Gallen, Switzerland
Daniele Tibullo — University of Catania, Italy
Mario Tiribelli — University of Udine, Italy
Jose Torregrosa — CHU de Poitiers, France

Chairs & Moderators

Elisabetta Abruzzese — Ospedale Sant'Eugenio, Rome, Italy
Claudio Cerchione — IRST "Dino Amadori" IRCCS, Meldola, Italy
Thomas Fischer — Otto-von-Guericke University, Magdeburg, Germany
Federica Frabetti — IRST "Dino Amadori" IRCCS, Meldola, Italy
Sara Galimberti — University of Pisa, Italy
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Marina Kremyanskaya — Icahn School of Medicine at Mount Sinai, New York, USA
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Guglielmo Mariani — Department of Science and Technology, University of Westminster, London, UK
John Mascarenhas — Icahn School of Medicine at Mount Sinai, New York, USA
Elena Masselli — University of Parma, Italy
Gerardo Musuraca — IRST "Dino Amadori" IRCCS, Meldola, Italy
Jennifer O'Sullivan — MRC Weatherall Institute of Molecular Medicine, University of Oxford, UK
Giuseppe Palumbo — University of Catania, Italy
Andrea Patriarca — University of Eastern Piedmont, Novara, Italy
Monica Poggiaspalla — IRST "Dino Amadori" IRCCS, Meldola, Italy
Elena Rossi — Fondazione Policlinico Universitario A. Gemelli IRCCS / Università Cattolica, Rome, Italy
Gianantonio Rosti — IRST "Dino Amadori" IRCCS, Meldola, Italy
Srinivas Tantravahi — University of Utah / Huntsman Cancer Institute, Salt Lake City, USA

Expert Discussant

Tania Jain — Johns Hopkins University, Baltimore, USA

Poster Walk

Monica Poggiaspalla — IRST "Dino Amadori" IRCCS, Meldola, Italy
Giovanni Martinelli — IRCCS Azienda Ospedaliero-Universitaria di Bologna, Istituto di Ematologia "Seràgnoli", Italy

1. Scientific Rationale

Over the past decade, myeloproliferative neoplasms have moved from being viewed as indolent chronic disorders to paradigmatic models of clonal haematopoiesis, vascular injury and systemic inflammation. RiseMPN 2025 explored this landscape by focusing on inflamed vessels and clonal survival: how fire in the blood and niche remodelling shape thrombosis, fibrosis and disease progression. That meeting asked why disease trajectories diverge.

RiseMPN 2026 asks a bolder question: can we engineer disease trajectories in MPNs?

The therapeutic toolkit is expanding rapidly. JAK inhibition has transformed symptom control and splenomegaly, but has only partially delivered on the promise of disease modification. At the same time, a new generation of agents is emerging: interferons and other immunomodulators, anti-inflammatory and anti-fibrotic approaches, hepcidin and activin ligand targeting drugs, epigenetic and transcriptional modulators, p53/MDM2 and BCL2 family inhibitors, rational antithrombotic and cardiometabolic strategies. The central challenge for the next decade is no longer merely what works, but which combinations, in which patients, at which time point, can genuinely rewrite the natural history of disease.

RiseMPN 2026 is designed as a translational dialogue across three axes: Mechanism, Combination, Trajectory.

First, we map the pathway constellations that matter most for synergy, from JAK/STAT and inflammatory signalling to metabolic stress, niche reprogramming and immune escape. Second, we critically appraise emerging combination strategies in myelofibrosis, polycythaemia vera and essential thrombocythaemia, moving beyond single agent narratives to consider how layering therapies can achieve fibrosis regression, molecular clearance, vascular protection and durable haematologic remissions. Third, we confront the strategic questions that increasingly shape daily practice: early versus delayed intensification, add on versus switch, integration with allogeneic transplantation, and the role of real world data and AI driven models in guiding these choices.

Central to this discussion is the need to define what we mean by disease modification in MPNs. Across the programme we revisit our endpoints: from spleen volume and symptom scores to dynamic measures of allele burden, bone marrow architecture, clonal competition, cardiovascular risk and quality of life. We examine how to design disease modifying trials, how to read intermediate signals along a trajectory, and how to balance efficacy, safety, cost and feasibility in a field where many patients will never see a transplant but all deserve a rational long term plan.

RiseMPN 2026 therefore aims to be more than an update meeting. It is an invitation to the MPN community to think and act as trajectory engineers: to integrate mechanism with clinical reality, combination design with strategic positioning, and innovative endpoints with meaningful benefit for patients.

2. Venue and General Information

Venue

Courtyard by Marriott Rome Central Park

Via Giuseppe Moscati 7, 00168 Rome, Italy

Getting there

The venue is located in the Gemelli and Monte Mario area, in the northwest of Rome. Fiumicino Airport is approximately 35 minutes away by car.

From Fiumicino – Leonardo da Vinci International Airport: approximately 39 km from the hotel.

From Ciampino – G.B. Pastine International Airport: approximately 35 km from the hotel.

From Roma Termini railway station: take Metro Line A to Valle Aurelia, then the regional train to Gemelli station.

Public transport: the nearest railway station is Gemelli (FM3 line). The nearest Metro station is Battistini (Line A).

Airport shuttle: the hotel does not provide an airport shuttle service. Private car service can be arranged on request.

Official language

Official language: English

Simultaneous translation: Not provided.

Climate

In early November, Rome generally enjoys mild autumn weather, with daytime temperatures around 16–18°C and nighttime temperatures around 8–10°C. Rain is possible, so a light waterproof jacket or umbrella is recommended

Registration

Participation is free of charge. Registration is compulsory.

Participants are required to register on the Xenia educational platform at didattica.xeniaeventi.it and enrol in the RiseMPN 2026 course.

3. Italian CME Credits (ECM)

The event has been accredited within the Italian Continuing Medical Education (ECM) programme.

Provider: Xenia S.a.s. di Mazza Francesca & C. – Standard ECM Provider ID 5090

Event number: 493199

ECM ID: 5090-493199

Credits: 14 CME credits

Training hours: 14

Training objective: Guidelines – Protocols – Procedures

PROFESSION AND DISCIPLINES

Profession: Physician, Biologist, Pharmacist

Disciplines: Haematology; Medical Genetics; Oncology; Pathological Anatomy; Clinical Biochemistry; Clinical Pharmacology and Toxicology; Transfusion Medicine; Clinical Pathology (Clinical Chemistry and Microbiology Laboratory); General Practice (Family Physicians).

CME LEARNING ASSESSMENT

The **online learning questionnaire** (double randomisation and no possibility of retaking) will be available from **8:00 p.m. on 7 November 2026.**

The deadline for completing the questionnaire is **11:59 p.m. on 10 November 2026.**

Participants are also required to complete the **anonymous evaluation form.**

The **CME certificate** can be downloaded from the participant's personal area.

CME credits will be awarded subject to:

- attendance for at least **90% of the training hours;**
- completion of the online learning questionnaire with at least **75% correct answers**;
- completion of the anonymous evaluation form.

4. Call for Abstracts

Abstract submission is open to clinicians, researchers and healthcare professionals working on myeloproliferative neoplasms and related myeloid disorders.

Scope: Polycythaemia vera, essential thrombocythaemia, myelofibrosis, chronic myeloid leukaemia, systemic mastocytosis, hypereosinophilic syndromes. Basic, translational or clinical work

Length: 400 words maximum

Submission: By email to info@xeniaeventi.it

Deadline: 20 October 2026

Notification of acceptance: 31 October 2026

Presentation: Accepted abstracts are presented during the Poster Walk on Saturday 7 November

Best Poster Award

All accepted posters are eligible for the Best Poster Award. The award includes full hospitality at RiseMPN 2027, and the winner is invited to present the work in the Preclinical Spotlight session of the following edition.

Guidelines and evaluation criteria are available at risempn.org

5. Sponsors and Auspices

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