

Con il patrocinio di



KICK-OFF MEETING SU CD38 E NUOVI POSSIBILI BERSAGLI NEL MIELOMA MULTIPLIO

**11-12
ottobre
2024**

SAN BENEDETTO PO (Mantova)
Refettorio Monastico
Abbazia di Polirone

Scientific Committee

Prof. Fabio Malavasi
Prof. Nicola Giuliani
Dott.ssa Paola Storti

11 Ottobre

CD38 Basic Science Session
CD38 Translational Session

12 Ottobre

Spatial Heterogeneity in Multiple Myeloma
Study of the Immunometabolism in Multiple Myeloma



14.30

Registrazione dei partecipanti

15.00

Introduction & Welcome

N. Giuliani & F. Malavasi

15.30 – 16.45

CD38 Basic Science Session

M. Cea & F. Malavasi

CD38 revisited: Enzymatic functions meet myeloma therapeutic antibodies **A. L. Horenstein**

Intracellular and extracellular NAMPT **A. Genazzani**

NAD+ metabolism dysregulation drives Myeloma aggressiveness **M. Cea**

Expression and function of CD38 e and other microvesicles in pathological conditions **F. Morandi**

Discussion (15 min)

16.45 – 17.00

Coffee Break

17.00 – 17.45

CD38 Translational Session

N. Giuliani & F. Malavasi

CD38 and extramedullary disease: response to anti-CD38 mAbs **F. Accardi**

Impairment of CD34+ stem cell mobilization following exposure to daratumumab in multiple myeloma **F. Lanza**

Discussion (15 min)

12 ottobre

9.00 – 10.45

Spatial Heterogeneity in Multiple Myeloma (Progetto PRIN) **C. Terragna & N. Giuliani**

New methodological approach to evaluate the spatial heterogeneity **M. Martello**

Role of cDNA in Multiple Myeloma **C. Terragna**

Bone cell isolation and characterization **G. Lisignoli & C. Manferdini**

Single cell and RNA seq evaluation of bone microenvironment **P. Storti**

Clinical evaluation of spatial heterogeneity: role of CT/PET **E. Zamagni**

Data managing and patient recruitment **S. Barbato**

Discussion (15 min)

10.45 – 11.00

Coffee Break

11.00 – 13.15

Study of the Immunometabolism in Multiple Myeloma (progetto PNRR)

R. Alessandro & A. Romano & N. Giuliani

Introduction and overview PNRR project: aims **N. Giuliani**

Role of immunometabolisms in cancer: end points **G. Missale**

Glutamine–Glutamate axis **O. Lungu**

Role of extracellular vesicles in Multiple Myeloma **R. Alessandro & S. Fontana**

Study of arginine metabolism in Multiple Myeloma **A. Romano**

Patients recruitment and clinical evaluation **F. Accardi & B. Dalla Palma**

Data managing patients recruitment and clinical evaluation **S. Ricci**

Discussion (15 min)

13.15 – 14.15

Light lunch

14.15 – 14.45

Lecture

Introduction: N. Giuliani

Watch out! The immune system knows what you eat.

A story of bugs, immune cells and multiple myeloma

M. Bellone

14.45 – 15.00

Conclusions

N. Giuliani & F. Malavasi

FACULTY

F. ACCARDI, Palermo
R. ALESSANDRO, Palermo
S. BARBATO, Bologna
M. BELLONE, Milano
M. CEA, Genova
B. DALLA PALMA, Parma
S. FONTANA, Palermo
A. GENAZZANI, Torino
N. GIULIANI, Parma
A. L. HORENSTEIN, Madrid
F. LANZA, Bologna – Ravenna
G. LISIGNOLI, Bologna
O. LUNGU, Parma
F. MALAVASI, Torino
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