

3<sup>rd</sup> Cuneo City ImmunoTherapy Conference (CCITC)

# Immunotherapy in Hematological Malignancies 2023

May 18-20, 2023  
Spazio Incontri Fondazione CRC  
CUNEO

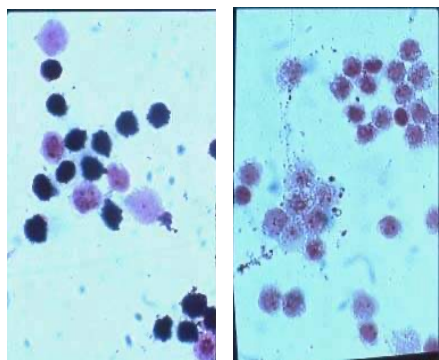
**Welcome everyone!!**



# Decreased Ecto-5'Nucleotidase Activity of Peripheral Blood Lymphocytes in Human Monoclonal Gammopathies: Correlation With Tumor Cell Kinetics

By Massimo Massaia, David D.F. Ma, Mario Boccadoro, Francesco Golzio, Paolo Gavarotti, Umberto Dianzani, and Alessandro Pileri

CD8+ cells



Controls

MM

Table 1. PB Lymphocyte 5'NT Activity and BM Plasma Cell LI% in MG Patients by Clinical Diagnosis and Stage

	No.	5'NT (U/10 <sup>6</sup> Cells)	LI% (CYIF+ Cells)
MGUS patients	10	10.5 ± 2	0.5 ± 0.1
MM patients	18	5.9 ± 0.9	2.0 ± 0.3
Stage I	5	7.6 ± 2.7	1.6 ± 0.4
Stage II	4	4.7 ± 1.1	1.7 ± 0.5
Stage III	9	5.5 ± 0.7	2.4 ± 0.5

Why me?



# 3<sup>rd</sup> Cuneo City ImmunoTherapy Conference (CCITC)

nasce la  
Divisione  
di Ematologia



1993

1994

1995

1999

2005

2006

2012

2016

2021

primo  
autotrapianto  
con cellule  
staminali  
periferiche

primo  
allotrapianto  
da donatore non  
consanguineo

primo  
allotrapianto  
da donatore  
familiare  
aploidentico

autorizzazione  
alle terapie  
cellulari CAR-T

nasce la  
Sezione ALL  
Paolo Rubino

primo  
allotrapianto  
da donatore  
familiare

primo  
allotrapianto  
da cordone  
ombelicale

apertura  
nuovo  
reparto

Why in Cuneo?



**to Cuneo's HEMATOLOGY !!!!!**

Protocollo 9201-S

STUDIO PILOTA IN PAZIENTI ONCOEMATOLOGICI A CATTIVA PROGNOSI:  
SOMMINISTRAZIONE SEQUENZIALE DI T LINFOCITI  
ATTIVATI EX-VIVO CON OKT3  
E INTERLEUCHINA-2 IN INFUSIONE CONTINUA

Responsabile del Protocollo: Prof. Alessandro Pileri#

Redattore del Protocollo: Dr. Massimo Massaia#

Collaboratori

Prof. Mario Boccardo#

Dr. Alberto Bianchi#

Dr.ssa Carmela Attisano#

Dr. Valter Tassi@

Prof. Anna Lucia Massaro@

CapoTec. Emilia Sormano@

1992, 30 years ago!!!

1994...

DIVISIONE UNIVERSITARIA DI EMATOLOGIA  
OSPEDALE MAGGIORE S. GIOVANNI BATTISTA  
USL VIII, TORINO  
Direttore: Prof. A. Pileri

2023

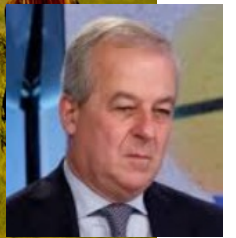
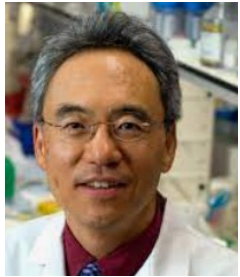
IMMUNIZZAZIONE ATTIVA CONTRO LE PROTEINE MONOCLONALI  
AUTOLOGHE NEI PAZIENTI CON MIELOMA MULTIPLO

Responsabile del protocollo:	Prof. Alessandro Pileri
Redattore del protocollo:	Dr. Massimo Massaia
Collaboratori:	Prof. Mario Boccadoro
	Dr.ssa Carmela Attisano
	Dr. Silvano Battaglio
	Dr. Alberto Bianchi
	Dr. Paolo Borrione
	Dr. Benedetto Bruno
	Dr. Paolo Corradini
	Dr.ssa Patrizia Napoli
	Dr. Antonio Palumbo
	Dr. Corrado Tarella

FDA breakthrough therapy  
designation to the first mRNA-  
4157-P201 cancer vaccine



# THE PIONEERS OF IMMUNOTHERAPY



CAR-T	CAR-NK	Gene Therapies	Stem Cell Therapies	Exosome Therapeutics	Tissue Engineering and Biomaterials	3D Bioprinting
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*And 700+ Other Companies Worldwide . .*



# 3<sup>rd</sup> Cuneo City ImmunoTherapy Conference (CCITC)

## SESSION I

Passive immunotherapy I: novel targets and therapeutics

## SESSION II

Passive immunotherapy II: bispecific & antibody-drug conjugates

## SESSION III

Adoptive immunotherapy I: CAR-T cells

## SESSION IV

Adoptive immunotherapy II: CAR-T cells and beyond

## SESSION V

Tools & strategies to improve the efficacy of immunotherapy

## SESSION VI

From tumor vaccination to oncolytic immunotherapy and engineered bacteria: back to the future

## SESSION VII

Immune lessons from allo-HSCT

Spazio Incontri Fondazione CRC

**4rd CCITC**  
**May 16-18, 2024**  
**Cuneo**

**Immunotherapy in**  
**benign hematological disorders**  
**(PNH, AHA, TTP/HUS, SAA, ITP etc)**

# Auspices



AZIENDA OSPEDALIERA  
S. CROCE E CARLE CUNEO



**SIE – Società Italiana di Ematologia**



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DI TORINO



ER Congressi

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# Enjoy the meeting!!

