



XXXVIII MEETING OF  
THE ITALIAN SOCIETY FOR THE STUDY OF  
CONNECTIVE TISSUES  
SISC 2018



Collegio Ghislieri  
University of Pavia  
October 26<sup>th</sup>-27<sup>th</sup>, 2018

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Roberta Besio

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Francesca Tonelli

# PROGRAMME

**FRIDAY, OCTOBER 26<sup>th</sup>**

10.00-11.00 am Registration

11.00-11.15 am Conference Opening and Welcome Greetings

Session I – 11.15 am - 12.30 pm

(Chair: Antonella Forlino)

11.15 am

SISC2018 Invited Lecture #1

**SKELETAL DISORDERS CAUSED BY DEFECTS IN THE SYNTHESIS OF SULFATED GLYCOSAMINOGLYCAN**

C. Paganini, R. Costantini, R. Besio, F. Tonelli, N. Garibaldi, L. Leoni, M- Biggiogera, A. Forlino, A. Rossi (Pavia)

11.45 am

**HYALURONAN MODULATES THE EXPRESSION LEVELS OF LNCRNAs MALAT1 AND GAS5 IN LPS-INDUCED INFLAMMATION IN MOUSE CHONDROCYTES**

A. D'Ascola, M. Scuruchi, A. Avenoso, G. Bruschetta, F. Bella, S. Campo, G. M. Campo (Messina)

12.00 pm

**HEPARANASE REGULATES THE DEVELOPMENT OF FIBROSIS AND RENAL INJURY AFTER ISCHEMIA/REPERFUSION**

V. Masola, G. Bellin, G. Vischini, L. Dall'Olmo, S. Granata, G. Gambaro, A. Lupo, G. Zaza, M. Onisto (Padova)

12.15 pm

**HEPARANASE REGULATES EMT AND STEMNESS FEATURES OF PROSTATE CANCER CELLS**

V. Masola, F. Atsina, G. Bellin, S. Granata, G. Gambaro, G. Zaza, M. Onisto (Padova)

12.30 - 2.00 pm Lunch

Session II – 2.00 - 4.00 pm

(Chair: Alberto Passi)

2.00 pm

Opening Ceremony in memory of Prof. Alessandro Castellani (1929-1988)

Prof. C. Balduini

Prof. A. Calatroni

Prof. G. Cetta

2.30 pm

SISC2018 Invited Lecture #2

MODULATION OF STRUCTURE AND FUNCTION IN ARTICULAR CARTILAGE

M. Raspanti, M. Reguzzoni, M. Protasoni, U. E. Pazzaglia (Varese)

3.00 pm

METAPHYSEAL CARTILAGE GROWTH IN THE FETAL AND POSTNATAL AGE

U. Pazzaglia, M. Reguzzoni, M. Protasoni, G. Zarattini, A. Minini, M. Raspanti (Brescia)

3.15 pm

COLLAGEN ARRAY AFFECTS THE PHENOTYPE OF BREAST CANCER CELLS

M. Franchi, G. Bellin, M. Onisto (Bologna)

3.30 pm

ENDOTHELIAL GLYCOCALYX MODIFICATIONS AFFECT VASCULAR FUNCTIONS

E. Caravà, M. Viola, D. Vigetti, E. Karousou, B. Bartolini, I. Caon, P. Moretto, G. De Luca, A. Passi (Varese)

3.45 pm

THE LONG NON-CODING RNA HAS2-AS1 ACTS AS A COMPETING ENDOGENOUS RNA IN THE REGULATION OF BREAST CANCER CELLS AGGRESSIVENESS

I. Caon, B. Bartolini, M. Götte, P. Moretto, M. Viola, E. Karousou, E. Caravà, G.W. Yip, G. De Luca, A. Passi, D. Vigetti (Varese)

4.00 - 4.30 pm Coffe Break

Session III – 4.30 - 5.30 pm

(Chair: Roberta Besio)

4.30 pm

SISC2018 Invited Lecture #3

HEPARAN SULFATE PROTEOGLYCANS AS TARGETS OF SELECTIVE PEPTIDES FOR  
CANCER DIAGNOSIS AND THERAPY

J. Brunetti, L. Depau, C. Falciani, G. Riolo, E. Mandarini, E. Karousou, A. Passi, A. Pini, L. Bracci  
(Siena)

5.00 pm

PROTEOMIC CORRELATIONS OF GLYCOLYTIC ENZYME ISOFORMS WITH PROTEINS OF  
BREAST CANCER TISSUES

I. Pucci-Minafra, G. Di Cara, P. Cancemi, N.N. Albanese, R. Musso, I. Riili, E. Roz, S. Minafra  
(Palermo)

5.15 pm

A PROTEOMIC APPROACH TO THE DETECTION OF DIFFERENTIALLY EXPRESSED  
PROTEINS IN TUMORAL AND NON-TUMORAL BREAST TISSUES

G. Di Cara, I. Pucci-Minafra, P. Cancemi, N.N. Albanese, R. Musso, I. Riili, E. Roz, S. Minafra  
(Palermo)

5.30 - 7.00 pm SISC Assembly

8.30 pm Social Dinner

Ristorante Osteria della Madonna

Via dei Liguri, 28, 27100 Pavia PV

## SATURDAY, OCTOBER 27<sup>th</sup>

Session IV – 9.00 - 10.15 am

(Chair: Maurizio Onisto)

9.00 am

SISC2018 Invited Lecture #4

MULTIMERIN-2 AS A GATEKEEPER OF VASCULAR STABILITY

R. Pellicani, E. Poletto, E. Andreuzzi, A. Paulitti, R. Colladel, G. Tarticchio, P. Braghetta, G. Bressan, R. Iozzo, A. Colombatti, P. Bonaldo, M. Mongiat (Aviano)

9.30 am

ABROGATION OF EMILIN1- $\alpha$ 4 $\beta$ 1 INTEGRIN INTERACTION AFFECTS EXPERIMENTAL COLITIS AND COLON CARCINOGENESIS ENHANCING LYMPHATIC DYSREGULATION AND INCREASING INFLAMMATORY CASCADE

A. Capuano, G. Bosisio, E. Pivetta, E. Scanziani, L. Minoli, S. Bortoluzzi, E Gaffo, R.Cannizzaro, R. Doliana, A. Colombatti, P. Spessotto (Aviano)

9.45 am

ALTERED HOMEOSTASIS IN OSTEOGENESIS IMPERFECTA OSTEOBLASTS FROM BRTL AND AMISH MURINE MODELS

N. Garibaldi, R. Besio, F. Tonelli, L. Leoni, V. Daponte, A. Rossi, A. Forlino (Pavia)

10.00 am

GENERATION AND CHARACTERIZATION OF OI TYPE XIV *IN VITRO* MODEL

L. Leoni, F. Tonelli, G. Giannini, F. Moccia, R. Besio, A. Rossi, A. Forlino (Pavia)

10.15 - 10.45 am Coffe Break



Session V – 10.45 am- 12.00 pm

(Chair: Calatroni Alberto)

10.45 am

SISC2018 Invited Lecture #5

TRANSGLUTAMINASES IN MATRIX REMODELLING AND KIDNEY FIBROSIS

E Verderio, G. Furini, D. Boocock, E Tonoli, T Johnson (Trento)

11.15 am

SISC2018 Invited Lecture #6

HYLURONAN: A SIMPLE MOLECULE WITH A COMPLEX REGULATION

D. Vigetti, I. Caon, E. Caravà, B. Bartolini, P. Moretto, M. Viola, E. Karousou, G. De Luca, A. Passi (Varese)

11.45 am

THE IMMUNOMODULATORY ROLE OF TUMOR SYND CAN-1 (CD138) ON EX VIVO TUMOR MICROENVIRONMENT CD4+ T CELL POLARIZATION IN INFLAMMATORY AND NON-INFLAMMATORY BREAST CANCER PATIENTS

S. A. Ibrahim, M. E. Saleh, R. Gadalla, H. Hassan, A. Afifi, M. Götte, M. El-Shinawi, M. M. Mohamed (Giza, Egypt)

12.00 am Award & Closing Remarks