

## GENERAL INFORMATION

### CONFERENCE LOCATION

PALAZZO VISTARINO

Via Sant'Ennodio, 26 - 27100 Pavia (IT)

Phone: 0382.986959 - [www.palazzovistarino.it](http://www.palazzovistarino.it)

### ORGANIZING SCIENTIFIC COMMITTEE

Local members (Department of Molecular Medicine, Biochemistry Unit, University of Pavia):

Prof Vittorio Bellotti; Dr Sofia Giorgetti; Dr P. Patrizia Mangione; Dr Giulia Faravelli;

Dr Sara Raimondi;

International members:

Prof Gennaro Esposito (Science&Math Division, NY University Abu Dhabi, Saadiyat Campus, Abu Dhabi, UAE)

Prof Yuji Goto (IPR, Osaka University, Japan)

### EVENT ORGANIZED BY

STUDIO CONGRESSI S.R.L.

Viale della Libertà, 17 - 27100 Pavia (IT)

Phone: 0382 21424 - Fax 0382 303082

[info@studio-congressi.com](mailto:info@studio-congressi.com) - [www.studio-congressi.com](http://www.studio-congressi.com)

### REGISTRATION

If you wish to participate in the above-mentioned conference, please fill in and send the "Application Form" to the Organizing Secretariat **Studio Congressi srl** via fax: +39 (0)382.303082 or [http://www.studio-congressi.com/calendario\\_eventi.php](http://www.studio-congressi.com/calendario_eventi.php) The dead-line to enrol is Dec. 10 2019.

**MAX. NUMBER OF PARTICIPANTS: 70**

## Towards a cure for amyloid diseases: a successful example of precision and translational medicine PALAZZO VISTARINO – PAVIA 16-19 DECEMBER 2019



*Claude L. Chalet: (1753-1794)  
PAVIA, COVERED BRIDGE WITH FISHERMEN IN THE FOREGROUND  
Pen and black ink and watercolor*

In collaboration with:



Core-to-Core Program



UNIVERSITÀ  
DI PAVIA

# MEETING AGENDA

## Monday, December 16 2019

18.30-19.00 Opening Ceremony introduced by **Vittorio Bellotti**  
 The Provost of Pavia University  
 The Major of Pavia  
 The Delegate of the Japanese Consulate in Milan

19.00-20.00 Opening Lecture (Chair: **Vittorio Bellotti**)  
 Speaker: **Yukio Ando** "Novel insights in the pathogenesis of hereditary ATTR amyloidosis"

20.15  
 Welcome Reception at [Palazzo Vistarino](#)

## Tuesday, December 17 2019

### 1. Process of protein misfolding in a biocompatible environment

Chair: **Vittorio Bellotti**

9.00-9.20 **Hideki Mochizuki** "Is Parkinson's disease systemic amyloidosis?"

9.25-9.45 **Johannes Buchner** "Dissecting the mechanism of antibody light chain amyloidosis"

9.50-10.10 **Alessandra Corazza** "NMR reveals local and long-range effects on transthyretin structure following ligand binding"

10.15-10.35 **Marcus Fändrich** "Cryo-EM structures of amyloid fibrils from patient tissue"

10.40-11.00 Coffee break

11.00-11.20 **Louise Serpell** "Proteins at the centre of neurodegeneration in Alzheimer's disease"

11.25-12.30 Round Table, Chair: **Johannes Buchner**

13.00-14.30 Lunch at Palazzo Vistarino

### 2. Mechanism of formation of amyloid nuclei *in vivo* and *in vitro*.

Chair: **Gennaro Esposito**

15.00-15.20 **Yuji Goto** "Comprehensive understanding of supersaturation-limited protein aggregation"

15.25-15.45 **Paul Fraser** ""Therapeutics targeting amyloid-mediated synaptic toxicity in Alzheimer disease"

15.50-16.10 **Yoshiaki Furukawa** "Demetallated Cu/Zn-superoxide dismutase as a pathogenic entity causing neurodegeneration"

16.15-16.35 **Hirotsugu Ogi** "Time-resolved in-situ monitoring of aggregation reaction of A $\beta$  peptides by liquid-cell TEM"

16.40- 17.00 **Cristina Cantarutti** "Molecular knots: a possible approach to interfere with  $\beta$ 2m fibrillogenesis"

17.00-17.20 Coffee Break

17.00-18.30 Poster Session // Free evening

## Wednesday, December 18 2019

### 3. Role of amyloid seeds in disease acceleration.

Chair: **Yuji Goto**

9.25-9.45

9.50-10.10

10.15-10.35

10.40-11.00

11.00-12.30

13.00-14.30

### 4. Mechanism of physiological protection against amyloid formation.

Chair: **Paul Fraser**

15.00-15.20 **John Carver** "Amyloid fibrils and molecular chaperones"

15.25-15.45 **Keiichi Higuchi** "Mouse systemic amyloidosis: Pathogenesis and prevention"

15.50-16.10 **Gunilla Westermark** "Interaction of IAPP with endogenous proteins"

16.15-16.35 **Luana Fioriti** "SUMO mimetics as innovative inhibitors of synaptic toxicity in pre-clinical models of dementia"

16.40-17.00 Coffee break

17.00-18.30 Round Table, Chair: **J. Kardos**

20.30 Social dinner at Palazzo Vistarino

## Thursday, December 19 2019

### 5. Mechanism of tissue damage caused by amyloid conformers.

Chair: **Per Westermark**

9.00-9.20 **Fabrizio Chiti** "Mechanisms of cell dysfunction caused by misfolded protein oligomers"

9.25-9.45 **Yoshitaka Nagai** "Disease-modifying therapy for the polyglutamine diseases targeting protein misfolding and aggregation"

9.50-10.10 **Christoph Rocken** "Amyloidosis – more than a misfolded peptide aggregate"

10.15-10.35 **Maria J. Saraiva** "Pre-clinical studies in a V30M rodent model: contribution towards elucidation of tissue damage mechanisms"

10-40-11.00 Coffee break

11.00-12.30 Round Table, Chair: **Kazumasa Sakurai, Masatomo So**

13.00-14.30 Lunch at Palazzo Vistarino

### 6. Critical issues emerging from the current therapeutic strategies targeting the molecular mechanisms of the disease

Chair: **Julian D. Gillmore**

15.00-15.30 **Claudio Rapezzi** "Pathophysiology of amyloid in the heart"

15.30-16.00 **C. Cristina Quarta** "Treating cardiac amyloidosis: where are we?"

16.00-16.30 **Laura Obici** "What drives phenotypic heterogeneity in hereditary ATTR? Impact on natural history and response to treatment"

16.30-17.00 **Stefan Schönland** "Can Genetics explain AL Amyloidosis?"

17.00- 17.30 Closing Remarks by the Organising Committee

## INVITED SPEAKERS

Prof Yukio Ando, Kumamoto University, Japan  
 Prof Johannes Buchner, Munich Technical University, Germany  
 Dr Cristina Cantarutti, University of Nice Sophia Antipolis, France  
 Prof John A. Carver, ANU, Acton, Australia  
 Prof Fabrizio Chiti, Florence University, Italy  
 Dr Alessandra Corazza, Udine University, Italy  
 Prof Marcus Fändrich, Ulm University, Germany  
 Dr Luana Fioriti, Plico Biotech, New York, USA  
 Prof Yoshiaki Furukawa, Keio University, Japan  
 Prof Julian D. Gillmore, University College London, UK  
 Prof Yuji Goto, IPR – Osaka University, Japan  
 Prof Keiichi Higuchi, Shinshu University, Japan  
 Prof Kensuke Ikenaka, Osaka University, Japan  
 Prof Giampaolo Merlini, Pavia University, Italy  
 Prof Hideki Mochizuki, Osaka University, Japan  
 Prof Yoshitaka Nagai, Osaka University, Japan  
 Dr Laura Obici, Policlinico S. Matteo, Pavia, Italy  
 Prof Hirotsugu Ogi, Osaka University, Japan  
 Dr C. Cristina Quarta, Alexion Pharmaceuticals, Cambridge and University College London, UK  
 Prof Claudio Rapezzi, University of Bologna, Italy  
 Prof Christoph Röcken, UKSH, Kiel, Germany  
 Prof Maria J. Saraiva, University of Porto, Portugal  
 Prof Louise C. Serpell, University of Sussex, Falmer, UK  
 Prof. Stefan Schönland, Amyloidosis Center, University of Heidelberg, Germany  
 Prof Gunilla Westermarck, Uppsala University, Sweden  
 Prof Paul E. Fraser, Toronto University, Toronto, Canada

## INVITED CHAIRMEN

Prof Jozsef Kardos; Eötvös Loránd University, Budapest, Hungary  
 Prof Per Westermarck; Uppsala University, Sweden  
 Prof Eri Chatani, Kobe University, Japan  
 Prof Masaru Hoshino, Kyoto University, Japan  
 Prof Kazumasa Sakurai, Kindai University, Japan  
 Prof Masatomo So, IPR-Osaka University, Japan

## HOTEL INFORMATION

With regard to the hotel reservation, please note that **Studio Congressi s.r.l.** has provisionally booked for our guests approx. 90 rooms located in Pavia city centre. *We would appreciate if you could indicate your preference as regards the above-mentioned hotels/BBB/University Colleges. We will be pleased to book a room for you. Reservation dead-line: Sept. 15<sup>th</sup>.*

The costs listed above are per night.

All payments for bookings will be carried out by the guests directly at the hotel.

As part of your booking, you may be required to provide details of a credit or debit card.

After your booking has been completed and submitted, you will receive an e-mail from us acknowledging your booking.

- ☐ **HOTEL MODERNO** <http://www.hotelmoderno.it/> (25 rooms)  
Euro 157, 50 (Single Room)  
Euro 173, 25 (Double Room)
- ☐ **HOTEL AURORA** <http://www.hotel-aurora.eu/DefaultEN.aspx> (10 rooms)  
Euro 128, 40 (Single Room)
- ☐ **BBB "LE STANZE DEL CARDINALE"** [www.lestanzedelcardinale.com](http://www.lestanzedelcardinale.com) (8 rooms)  
(1) Jr. Suite: Euro 168, 00 (Single occupancy) / Euro 194, 25 (Double occupancy)  
(2) Single Room: Euro 110, 25  
(1) Double Room: Euro 131, 25 (Single occupancy) / Euro 157, 50 (Double occupancy)  
(3) De Luxe: Euro 152, 25 (Single occupancy) / Euro 178, 50 (Double occupancy)  
(1) Dependence: Euro 131, 25 (Single occupancy) / Euro 157, 50 (Double occupancy)
- ☐ **BBB "ARNABOLDI PALACE"** [www.arnaboldipalace.com](http://www.arnaboldipalace.com) (8 rooms)  
(1) Jr. Suite: Euro 225, 75 (Single occupancy) / Euro 262, 50 (Double occupancy)  
(4) De Luxe: Euro 194, 25 (Single occupancy) / Euro 231, 00 (Double occupancy)  
(2) Superior: Euro 168, 00 (Single occupancy) / Euro 204, 75 (Double occupancy)  
(1) Studio: Euro 147, 00 (Single occupancy) / Euro 183, 75 (Double occupancy)
- ☐ **COLLEGIO GHISLIERI** <http://www.ghislieri.it/> (3 rooms)  
Euro 65,00 (Single Room)
- ☐ **COLLEGIO FRACCARO** <http://www.edisu.pv.it/index.php?page=collegio-fraccaro> (3 rooms)  
Euro 72, 00 (1) Double Room (plus 10% VAT)  
Euro 45, 00 (2) Single Room (plus 10% VAT)
- ☐ **COLLEGIO CAIROLI** <https://www.collegiocairolit.it/en/> (3 rooms)  
Euro 72, 00 (2) Double Room (plus 10% VAT)  
Euro 45, 00 (1) Single Room (plus 10% VAT)
- ☐ **COLLEGIO CASTIGLIONI** <http://www.collegiocastiglionibrugnatelli.it/> (5 rooms)  
Euro 36, 00 (2) Double Room with shared facilities (plus 10% VAT)  
Euro 45, 00 (2) Single Room with shared facilities (plus 10% VAT)  
Euro 36, 00 (1) Double Room (plus 10% VAT)
- ☐ **COLLEGIO MAINO** <http://www.collegiodelmaino.it/> (5 rooms)  
Euro 45, 00 (5) Single Room (plus 10% VAT)

**Towards a cure for amyloid diseases:  
a successful example of precision and translational medicine  
PALAZZO VISTARINO – PAVIA  
16-19 DECEMBER 2019**

**APPLICATION FORM ("PART 1")**

*Please fill in the blanks*

Name & Surname : \_\_\_\_\_  
Date of birth \_\_\_\_\_  
Place of birth \_\_\_\_\_  
Home address \_\_\_\_\_  
Zip/post code \_\_\_\_\_ Town/city \_\_\_\_\_ State \_\_\_\_\_  
Occupation \_\_\_\_\_  
Specialization \_\_\_\_\_  
Qualification \_\_\_\_\_  
Hospital/Institution \_\_\_\_\_  
Department/Ward \_\_\_\_\_  
Work address \_\_\_\_\_  
Zip/post code \_\_\_\_\_ Town/city \_\_\_\_\_ State \_\_\_\_\_  
Phone \_\_\_\_\_ Fax # \_\_\_\_\_  
Mobile phone \_\_\_\_\_ E-mail \_\_\_\_\_

*The undersigned agrees to allow **Studio Congressi s.r.l.** to use the information provided above in accordance with Italian law # 679/2016 and successive modifications and amendments.*

Date \_\_\_\_\_ Signature \_\_\_\_\_

**APPLICATION FORM ("PART 2")**

**Conference Registration Fees (22% VAT is not included)**  
Please tick the appropriate box:

**REGISTRATIONS:**

- ☐ SENIOR Participant € 300.00 (incl. 22% VAT: € 366.00)  
☐ JUNIOR\* Participant € 200.00 (incl. 22% VAT: € 244.00)

**REGISTRATIONS FROM OCT. 1<sup>ST</sup> THROUGHOUT NOV. 30, 2019:**

- ☐ SENIOR Participant € 350.00 (incl. 22% VAT: € 427.00)  
☐ JUNIOR\* Participant € 250.00 (incl. 22% VAT: € 305.00) **\*PhD students only**

**THE REGISTRATION FEES INCLUDE:**

PARTICIPATION IN THE CONFERENCE (FROM DEC. 16 THROUGHOUT DEC. 19 2019)  
COFFEE BREAKS  
BUFFET LUNCHES  
CERTIFICATE OF ATTENDANCE

**WELCOME RECEPTION:** PLEASE TICK THE BOX IF YOU WOULD LIKE TO ATTEND ☐

**SOCIAL DINNER:** PLEASE TICK THE BOX IF YOU WOULD LIKE TO ATTEND ☐ THE DINNER COSTS EURO 30,00 (EURO 36,60 INCL. 22% VAT.) PLS. CONFIRM YOUR PARTICIPATION POSSIBLY WITHIN NOV. 30<sup>TH</sup>.

**- Official Language of the meeting: ENGLISH -**

**PAYMENT**

Copy of the BANK transfer must be carried out and sent to the Organizing Secretariat STUDIO CONGRESSI S.R.L.:

- **BANK NAME:** Intesa San Paolo - Address: Viale C. Battisti, 18 - 27100 Pavia (IT)
- **IBAN:** IT86X0306911310000099728448
- **PURPOSE OF THE PAYMENT:** CONFERENCE REGISTRATION – PALAZZO VISTARINO, PAVIA (IT) Dec. 16-19 2019
- **Important:** please specify the registration fee ("Senior" or "Junior").

A copy of the bank transfer must be sent to the Organizing Secretariat **Studio Congressi s.r.l.**  
via fax +39 (0)382 303082 or via mail to [info@studio-congressi.com](mailto:info@studio-congressi.com)

**BILLING INFORMATION**

A payment receipt will be sent to you upon receipt of the registration fee:

**Please indicate:**

Participant's name & surname: \_\_\_\_\_  
Name of the Company (in case the registration fee is sponsored by a Pharmaceutical Company, public authority or private company): \_\_\_\_\_  
Billing Address: \_\_\_\_\_  
Town: \_\_\_\_\_ Zip Code \_\_\_\_\_ State: \_\_\_\_\_  
Tel: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_  
National Insurance Number: \_\_\_\_\_ VAT number: \_\_\_\_\_  
Single Code for the Electronic Invoicing: \_\_\_\_\_

*The undersigned agrees to allow **Studio Congressi s.r.l.** to use the information provided above in accordance with Italian law # 679/2016 and successive modifications and amendments.*

Date:

Signature:

## POSTER SESSION:

Posters will be on display during the conference on Tue Dec. 17 from 17.00 to 18.30. We would like to remind you to register to the conference and pay the fee by Nov. 30th at the latest to be included in the Conference Programme.

Posters must be prepared accordingly to the editable template (maximum dimensions 1 mt x 2 mt) commonly used for this purpose.

Authors must bring a printed copy of their poster with them at the conference.

**Please, submit your abstract online ([info@studio-congressi.com](mailto:info@studio-congressi.com)) by Nov. 30, 2019 using the template word file attached.**

## TOWARDS A CURE FOR AMYLOID DISEASES: A SUCCESSFUL EXAMPLE OF PRECISION AND TRANSLATIONAL MEDICINE

**Title**

**Authors**

*Affiliation*

Abstract in one single A4 page

Times New roman 11, single spaced

Maximum Poster dimensions: 1 mt x 2 mt

