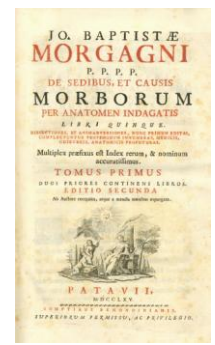
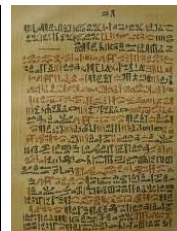


# SIP YOUNG SCIENTISTS

navigating the road to a successful  
career in pathology research

24<sup>th</sup> - 25<sup>th</sup>  
OCTOBER  
2011

AULA GIORGIO PRODI  
COMPLESSO DI SAN  
GIOVANNI IN MONTE  
BOLOGNA



**Organizer:** Prof. Anna Gasperi-Campani (University of Bologna)

**Co-Organizers:** the SIP Board of Directors

**Keynote Lectures by:** Claudio Franceschi (University of Bologna), Elisabeth Schermer (European Commission), Nicola Vanacore (Istituto Superiore di Sanità, Roma).

**Speakers:** Paola Avena (Rende, Cosenza), Anna Laura Barbieri (Bologna), Elena Bellavista (Bologna), Silvia Bombelli (Milano Bicocca), Stefania Cannito (Torino), Claudia Capparelli (Rende, Cosenza), Elisa Cevenini (Bologna), Gaia Codolo (Padova), Maria Conte (Bologna), Maria Ilaria Demartis (Sassari), Maria Franzini (Pisa), Simona Gargiulo (Torino), Michela Guglielmotto (Torino), Carmela Guido (Rende, Cosenza), Stella Lukas Yari (Bologna), Matteo Lulli (Firenze), Fabio Marongiu (Cagliari), Rita Ostan (Bologna), Fabia Pancotti (Bologna), Arianna Palladini (Bologna), Chiara Pirazzini (Bologna), Elisa Porcellini (Bologna), Aurelia Santoro (Bologna), Daisy Sproviero (Rende, Cosenza and London), Stefania Stella (Catania).

## TOPICS:

AGING

CANCER

CARDIOVASCULAR

LIVER

MOLECULAR BIOLOGY



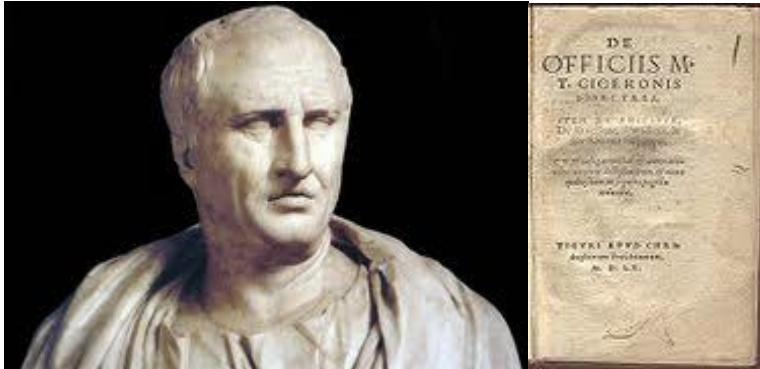
DIPARTIMENTO DI PATOLOGIA  
SPERIMENTALE  
ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA



Location

<http://www.compressosgm.unibo.it/ComplessoSGM/AulaProdi/default+english.htm>

<http://www.unibo.it> <http://www.patologia-sperimentale.unibo.it> <http://www.socitpat.it>



**CICERO,**  
***De Officiis*, Liber I, 121-130**

“Et quoniam officia non eadem disparibus aetatibus tribuuntur aliaque sunt iuvenum, alia seniorum, aliquid etiam de hac distinctione dicendum est. Est igitur adolescentis maiores natu vereri exque iis diligere optimos et probatissimos quorum consilio atque auctoritate nitatur; ineuntis enim aetatis inscitia senum constituenda et regenda prudentia est. [...] Senibus autem labores corporis minuendi exercitationes animi etiam augendae videntur: danda vero opera ut et amicos et iuventutem et maxime rem publicam consilio et prudentia quam plurimum adiuvent.”

"And since duties are not the same when age is unequal, and those of the young are different from those of their seniors, something must be said on this distinction. Indeed it is fitting for a youth to respect those who are older, and to choose among them those who are the best and most esteemed, so that they may rely on their authoritative advice: youth's lack of experience should be grounded upon the wisdom of old people, and guided by it. [...] As for the old, physical exertion should be reduced, but it seems that mental exercise should actually increase: they should set to help as much as possible with their wise advice their friends, the young, and especially the commonwealth."

## Programme

**24<sup>th</sup> October, 2011**

**2:00 pm – 2:40 pm Opening Addresses**

**Chair: Anna Gasperi-Campani, President of the Meeting, University of Bologna**

**2:00 pm Dario Braga, Research Pro Rector, University of Bologna**

**Claudio Franceschi, Director, Dept Experimental Pathology, University of Bologna**

**Guido Biasco, Director, CIRC “Giorgio Prodi”, University of Bologna**

**Sebastiano Andò, SIP President, University of Calabria**

**Luigi Frati, Rector, University of Rome “La Sapienza”**

**2:25 pm Mark E. Sobel, ASIP Executive Officer**

***“Research Career Opportunities in the Diaspora”***

**2:40 pm – 4.20 pm Session I: Cancer 1**

**Chairs: Fiorenzo Stirpe, University of Bologna and Francesco Saverio Ambesi Impiombato, University of Udine**

**2:40 pm Arianna Palladini, University of Bologna**

***“Immunoprevention of tumors: preclinical evaluation of a cancer vaccine”***

**3:00 pm Silvia Bombelli, University of Milano Bicocca**

***“Identification and characterization of cells with stem/progenitor properties in normal kidney and renal cell carcinoma”***

**3:20 pm Fabia Pancotti, University of Bologna**

***“Role of Caveolin-1 in the proliferation of solid tumors in vitro”***

**3:40 pm Daisy Sproviero, King’s College, London UK**

***“Role of COX-2 pathway on the expression of glycosyltransferases involved in O-linked glycosylation in breast cancer”***

**4:00 pm Paola Avena, University of Calabria**

***“Chenodeoxycholic acid (CDCA) through TGR-5dependent CREB signaling activation enhances Cyclin D1 expression and promotes human endometrial cancer cell proliferation”***

**4:20 pm Coffee Break**

**4:40 pm – 5:10 pm Lecture**

**Chair: Mark E. Sobel, ASIP Executive Officer**

**Claudio Franceschi, University of Bologna**

***“ Identification of biological determinants of longevity in H. sapiens: a goal more difficult than expected”***

**5:10 pm – 6:30 pm Session II: Cancer 2**

**Chair: Francesco Dieli, University of Palermo and Bruno Moncharmont, University of Molise**

**5:10 pm** Claudia Capparelli, University of Calabria

*“Role of CTGF in breast cancer development”*

**5:30 pm** Maria Ilaria Demartis, University of Sassari

*“Cross-talk between EGFR signaling and CTGF in hepatocarcinoma”*

**5:50 pm** Carmela Guido, University of Calabria

*“Role of E2/ERs on the regulation of phosphatase and tensin homolog gene (PTEN) in TCAM2 human seminoma cell line”*

**6:10 pm** Stefania Stella, University of Catania

*“Biological characterization of the functional activities of a nuclear BCR-ABL”*

**6:30 pm – 7:30 pm Session III: Molecular Biology**

**Chairs: Angelo Messina, University of Catania and Tullio Pozzan, University of Padova**

**6:30 pm** Gaia Codolo, University of Padova

*“The Helicobacter pylori neutrophil activating protein (HP-NAP) as an immune modulating agent: possible clinical applications”*

**6:50 pm** Matteo Lulli, University of Firenze

*“Biological networks in posttranscriptional gene regulation”*

**7:10 pm** Michela Guglielmotto, University of Torino

*Oxidative stress activates a positive feed-back between the  $\gamma$ - and  $\beta$ - secretase cleavages of the  $\beta$ -amyloid precursor protein”*

**October 25<sup>th</sup>, 2011**

**8:30 am – 9:50 am Session IV: Aging 1**

**Chairs: Umberto Muscatello, University of Modena and Alberto Gulino, University of Roma La Sapienza**

**8:30 am** Anna Laura Barbieri, University of Bologna

*“The mitochondrial inherited variability in the integrated European project Genetics of Healthy Aging - GEHA”*

**8:50 am** Rita Ostan, University of Bologna

*“Metabolic syndrome in centenarian offspring and offspring of non long lived parents”*

**9:10 am** Chiara Pirazzini, University of Bologna

*“Epigenetic modifications with age. A study of DNA methylation patterns of the locus IGF2/H19 in 47 monozygotic and dizygotic twin pairs of different ages”*

**9:30 am** Stella Lukas Yari, University of Bologna

*“Risk factors for postoperative delirium in the elderly”*

**9:50 am Coffee Break**

**10:20 am – 10:50 am Lecture**

**Chair: Anna Gasperi-Campani, President of the Meeting, University of Bologna**

**Elisabeth Schermer, European Commission Policy Officer-liaison with Research Executive Agency, Brussels**

***“Researchers across the EU should be able to benefit from the right training, attractive career conditions and removal of barriers to mobility! How: Marie Curie Actions”***

**10:50 am – 11:50 am Session V: Aging 2**

**Chair: Francesco Curcio, University of Udine and Silvestro Formisano, University of Salerno**

**10:50 am** Elisa Cevenini, University of Bologna

***“Health status assessment of Italian nonagenarian siblings within the European Project Genetics of Healthy Aging - GEHA”***

**11:10 am** Maria Conte, University of Bologna

***“Role of inflammation and IGF-1/p53 pathway in the age-related loss of muscle mass and strength in patients undergoing hip surgery”***

**11:30 am** Elisa Porcellini, University of Bologna

***“Pathogenetic mechanisms in Alzheimer’s Disease”***

**11:50 am - 12:30 pm Session VI: Cardiovascular**

**Chair: Francesco Di Virgilio, University of Ferrara and Giuseppe Poli, University of Torino**

**11:50 am** Simona Gargiulo, University of Torino

***“Oxidation cholesterol products and plaque instability”***

**12:10 pm** Maria Franzini, University of Pisa

***“Plasma gamma-glutamyltransferase fractions: diagnostic and prognostic predictive value”***

**12:30 pm Pause for Lunch**

**2:00 pm – 2:30 pm Lecture**

**Chair: Sebastiano Andò, SIP President**

**Nicola Vanacore, Istituto Superiore di Sanità, Roma**

***“SLA and sport: epidemiology and pathogenesis”***

**2:30 pm – 3:50 pm Session VII: Liver**

**Chairs: Luigi Fiume, University of Bologna and Daniela Quaglino, University of Modena**

**2:30 pm** Elena Bellavista, University of Bologna

***“Proteasome and immunoproteasome in human liver: from fetus to advanced age”***

**2:50 pm** Fabio Marongiu, University of Cagliari

***“Cell therapy for liver disease: functional support and tissue repopulation”***

**3:10 pm** Aurelia Santoro, University of Bologna

***“Mitochondrial dysfunction in human aged liver”***

**3:30 pm** Stefania Cannito, University of Torino

*“Molecular mechanisms involved in the hypoxia-related progression of chronic liver diseases”*

**3:50 pm – 4:10 pm** Closing remarks

**The publisher CEA/ZANICHELLI will be present with a bookstall throughout the meeting**