

Chitin nanofibril-nanolignin complex at SEM

MATERIAL SCIENCE & BIONANOTECHNOLOGY:
Natural Ingredients, Carriers and
Packagings of Pharmaceutical and Cosmetic use.

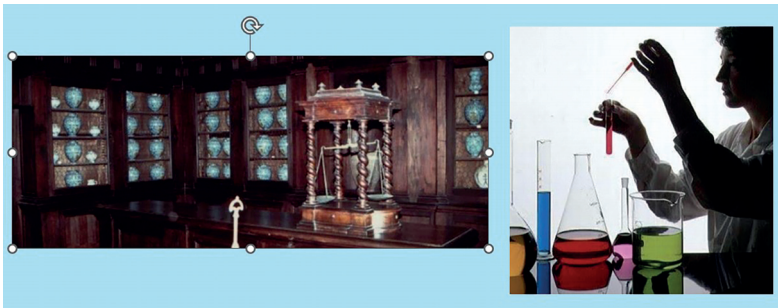
Accademia di Storia dell'Arte Sanitaria
Rome, Italy October 5, 2022
Sala Alessandrina,
Complesso Monumentale Santo Spirito
Lungotevere in Sassia, 3 - 00192 Rome, Italy

ORGANIZING COMMITTEE

Gianni Iacovelli, Giuseppe Marceca, Marco Sani, Pierfrancesco Morganti

SCIENTIFIC COMMITTEE

*Pierfrancesco Morganti, Pierpaolo Visentin, Maurizio Vaglini,
Maria Beatrice Coltelli, Francesca Morichetti*



SECRETARY'S OFFICE

Accademia di Storia dell'Arte sanitaria

Academy of History of Healthcare Art

Lungotevere in Sassia, 3 - 00193 Rome, Italy;

www.asas@mail.com - segreteria@asas-accademia.it

Secretary General: Giuseppe Marceca cell. +39 337.75.02.76

President: Gianni Iacovelli cell. +39 338.85.30.139



Accademia di Storia dell'Arte Sanitaria
Academy of History of Healthcare Art

MATERIAL SCIENCE & BIONANOTECHNOLOGY: NATURAL INGREDIENTS, CARRIERS AND PACKAGING OF PHARMACEUTICAL AND COSMETIC

WORKSHOP PROGRAMME

8.30 - 8.50 **Introductory Remarks**
Gianni Iacovelli, Giuseppe Marceca and Pierfrancesco Morganti

Session I

Chairmen: *Vladimir E Yudin, Pierpaolo Visentin and Pierfrancesco Morganti*

8.50 - 9.05 **The use of a spinning disk reactor for the developments of Skin protecting products against COVID-19 virus.**
Stoller Marco, Department Chemical Materials and Environmental Engineering, University La Sapienza, Rome, Italy

9.05 - 9.20 **Chitosan fibers composites and nanocomposites based for medicine and cosmetics**
Vladimir E Yudin, Institute of Macromolecular Compounds, Russian Academy of Science, St.Petersburg, Russia

9.20 - 9.35 **Chitin derivatives in biopolymers for Cosmetic care products.**
Maria Beatrice Coltelli, Department of Civil and Industrial Engineering, University of Pisa, Italy

- 9.35 - 9.50** **Wellness & Whealth by innovative natural tissues for a better lifeway**
Pierfrancesco Morganti, R&D Unit,Academy of History of Healthcare Art, Rome,Italy and Dermatology Department, China Medical University, Shenyang, China.
- 9.50 - 10.05** **Polyphenols in Health and Diseases from Bench to Clinics**
Vittorio Calabrese, Department of Biomedical and Biotechnological Sciences, School of Medicine, University of Catania, Catania, Italy
- 10.05 - 10.20** **Graduated Compression Made of Bamboo, Merino and Silk: Health, Comfort and Wellbeing.**
Barbara Ottaviani, Calzificio Pinelli S.r.l., Castel Goffredo, MN, Italy
- 10.20-10.40** **Coffee-Break**

Session II

- Chairmen:** *Salvatore Mancuso and Torello Lotti*
- 10.40 - 10.55** **Chitin and Nanochitin valorization by electrospraying on cellulose tissues for Skin content application**
Patrizia Cinelli, Zavagna L, Azimi B, Ricci C, Seggiani M and Danti S
- 10.55 - 11.10** **The Biolignin:A potential source of high-added value compounds**
Bouchra Benejellou-Mlayah, R&D Department CIMV, Labège, France
- 11.10 - 11.25** **Characterization of Chitin and Chitosan derived from Diptera Hemetia Illucens for application in Cosmetic and Pharmaceutical Fields.**
Carmen Scieuzo, Department of Science,University of Basilicata, Campus Macchia Romana, Potenza, Italy

- 11.25 - 11.40** **Bamboo-fibers: Physicochemical characteristics, biological properties and production process**
Carmine Cimini and Alessandro Gagliardini, *R&D Unit, Texol Srl, Alanno (PE), Italy*
- 11.40 - 11.55** **Hyaluronan-based nanogels for controlled Delivery of dextrorubicin in ovarian cancer treatment**
Emanuele Limiti, *University Campus-Bio-Medico, Rome, Italy*
- 11.55 - 12.10** **Intestinal fat absorption and control of atherosclerosis: a concept study**
Umberto Cornelli* and Giovanni Belcaro**
* *Loyola University Medical school, Chicago, USA*
** *Chieti University, Italy*
- 12.10 - 12.25** **Nanocomposites for treatment of microbiocally induced tympanic membrane perforations**
Alessandra Fusco
Campania "Luigi Vanvitelli" University, department of Experimental Medicine, Section Microbiology and Clinical Microbiology, Naples, Italy
- 12.25 - 13.40** **Brunch and discussion of the posters session**
- 13.40 - 13.55** **Beauty & Personal care market: progress and significance of natural-derived cosmetics**
Adrea Positano, *Cosmetica Italia, Milano, Italy*
- 13.40 - 13.55** **Consumer protection in nanocosmetics: Status quo and perspectives**
Sonia Selletti, *Astolfi law office, Milano, Italy*
- 13.55 - 14.15** **Workshop closure**

- 14.15 - 14.30** **An introduction to the Academy' Medical Museum, Lancisiana Library and S.Spirito Hospital' Historical Secret Locations**
Pierpaolo Visentin, director of Study and Research Center, Academy of Hystory of Healthcare Art, Rome, Italy
- 14.30 - 14.45** **Group organization**
- 14.45 - 16.45** **Visit to Medical Museum,Lancisiana Library and Ancient Secret locations**
- 16.45 - 18.00** **Wine testing**
Offered by the famous Italian **CASALE DEL GIGLIO FACTORY**
- 18.00** **Congress final closure and Leave**

Posters Section

- 1.** Antimicrobial properties of Chitosan from different developmental stages of the bioconvert *Hermetia illucens*
Dolores Iannicello, Rosanna Salvia, Anna Guarnieri, Micaela Triunfo, Carmen Scieuzo, Antonio Franco, Fabiana Giglio. Andrea Boschi and Patrizia Falabella
Department of Science, Basilicata University, Campus Macchia Romana, Potenza, Italy
- 2.** Use of Chitosan nanoparticles obtained from the bioconverter Insect *Hermetia illucens* for the delivery of controlled-release drugs
Anna Guarnieri, Micaela Triunfo, Rosanna Salvia, Carmen Scieuzo, Dolores Iannicello, Antonio Franco, Roberta Rinaldi, Angela De Bonis and Patrizia Falabella
Department of Science, Basilicata University, Campus Macchia Romana, Potenza, Italy

3. Antifungal activity of Perostilbene entrapped in nanocarriers.
*G. Bonincontro**, *G. De Angelis**, *L. Chronopoulou***, *C. Badiali**,
*A. Orekova****, *C. Palocci***, *G. Pasqua** and *G. Simonetti**
* Environmental Department of Biology, La Sapienza University,
Roma, Italy
** Chemistry Department, La Sapienza University, Roma, Italy
*** Public Health and Infectious Diseases Department, La Sapienza
University



Accademia di Storia dell'Arte Sanitaria
Academy of History of Healthcare Art

UNDER THE AEGIS



UCID
Unione
Cristiana
Imprenditori
Dirigenti
MOVIMENTO GIOVANI



International Society of
Cosmetic Dermatology
Application & Research



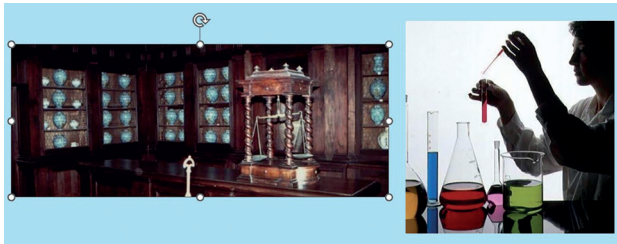
World Health Academy
Publishing House



Nobile Collegio Chimico farmaceutico



Journal of Applied
Cosmetology



SPONSORS



ISTITUTO RICERCHE APPLICATE

CASALE DEL GIGLIO®
AZIENDA AGRICOLA



SOLIDEA
Calzaturificio Pinelli



morganti
ESPRESSO ITALIANO

Grafica **flaminia**
Comunicazione e Immagine