



**UNIVERSITÀ  
DEGLI STUDI  
DI UDINE**

hic sunt futura



**GRUPPO INTER-DIPARTIMENTALE  
SULL'ACTIVE AGEING – UNIUD**

**ORGANIZING COMMITTEE:**

Antonio Abramo, Sonia Calligaris, Alessandro Cavarape, Vincenzo Della Mea, Claudia Di Sciacca, Valeria Fili', Claudio Melchior, Antonella Riem, Laura Rizzi, Gianluca Tell, Alessandra Missana, Vanny Piccoli

**1<sup>st</sup> Workshop of the Multidisciplinary Group on Active Ageing of  
the University of Udine  
Udine, Oct 8<sup>th</sup>, 2019  
PROGRAMME**

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TUESDAY, October 8<sup>th</sup>, 2019 – Polo Medico, Piazzale M. Kolbe, 4

Aula Magna Kolbe

**08:30-09:15**      **Welcoming Remarks**

***Roberto Pinton***, Rector of the University of Udine,

***Alessia Rosolen***, Regional Councillor for Employment, Training, Education, Research, University and Family, Region FVG

***Fabio Lo Faro***, INAIL Regional Director, INAIL Regional Direction FVG

***Gianluca Tell***, Full Professor in Molecular Biology, University of Udine, Presentation by the Active Ageing inter-departmental Group and aims of the Workshop

**09:15-11:15**      **Opening Plenary**

09:15-09:45      ***Vilhelm Bohr***, National Institute on Ageing/NIH, Baltimore, MD, USA  
“Opportunities in ageing research and focus on DNA damage”

09:45-10:15      ***Ella Pagliarini***, Università degli Studi di Milano, Italia,  
“Senior sensory experience: perception and food choices in the elderly”

10:15-10:45      ***Francesco Moscone***, Brunel University, Londra, UK “The Association between Medical Care Utilization and Health Outcomes: A Spatial Analysis”

10:45-11:15      ***Mauro Grigioni***, Istituto Superiore di Sanità, Roma, Italia “Perspectives and Technological Aids for the Need For Health”

**11:15-11:45**      ***Coffee Break***

**11:45-13:00**     **Parallel Sessions: presentations by topic area**

- SESSION 1, AULA C

**PREVENZIONE E BENESSERE + INFRASTRUTTURE E TECNOLOGIE**

Chairpersons:

**Sonia Calligaris** (DI4A)

**Antonio Abramo** (DPIA)

**Vincenzo della Mea** (DMIF)

- 11:45-11:55     **Monica Anese**, Sonia Calligaris, Lara Manzocco, Maria Cristina Nicoli (DI4A) “An integrated approach for the development of functional food”
- 11:55-12:05     **Marilisa Alongi**, Monica Anese (DI4A) “The effect of pasteurisation on the antidiabetic properties of apple juice”
- 12:05-12:15     **Massimo Baraldo**, Alessandro Cavarape, Federica Fiori, Francesca Primossi, Maria Parpinel (DAME) “Drugs and nutrition: main interactions in ageing subjects in the FVG region”
- 12:15-12:25     **Silvio Brusafferro**, Giulia Bravo, Marco Poletto, Pietro Del Giudice (DAME) “The IC-Health Project: an experience based on the digital health literacy of the over 60 in the FVG region”
- 12:25-12:35     **Alessandro Cavarape**, Maria Rosaria Peri, Maria Parpinel, Massimo Baraldo (DAME), Sonia Calligaris (DI4A) “Food intake and life-style in the prevention of the functional decay in elderly people: a pilot study”
- 12:35-12:45     **Monica Colitti**, Bruno Stefanon, Giulia Polacchini (DI4A), Gabriella Marcon (DAME), Alessandro Milan (Centro Medicus), Antonietta Robino (IRCCS Garofalo), Manola Comar (UNITS), “Bespoke fitness training programmes and diet plans in the prevention and treatment of Sarcopenia”

- SESSION 2, AULA SEMINARI KOLBE

## **RICERCA TRASLAZIONALE, DIAGNOSTICA, CLINICA E ASSISTENZA**

Chairpersons:

**Gianluca Tell** (DAME)

**Alessandro Cavarape** (DAME)

- 11:45-11:55 **Antonio Beltrami** (DAME) *“The prognostic and therapeutic role of the longevity BPIFB4 gene associated to cardiac failure”*
- 11:55-12:05 **Gianluca Colussi**, **Alessandro Cavarape** (DAME), **Carla Da Porto** (DPIA) *“The protective role of food supplements containing omega-3 polyunsaturated fat acids on the cardiovascular system of high-risk, elderly, cardiovascular patients”*
- 12:05-12:15 **Alessandra Corazza** (DAME) *“Conformational variations of Transthyretin, a precursor protein of systemic amyloidosis, as a function of stabilisation with single and bivalent ligands”*
- 12:15-12:25 **Rossana Domenis**, **Francesco Curcio**, **Martina Fabris**, **Romina Milanic**, **Adriana Cifù** (DAME) *“A paradigm shift for the local expansion and metastasis formation: the role of exosomes and the inflammation”*
- 12:25-12:35 **Francesco Curcio**, **Martina Fabris**, **Rossana Domenis**, **Adriana Cifù**, **Romina Milanic**, **Araldo Causero**, **Paolo Di Benedetto**, **Pier Camillo Parodi** (DAME) *“Cell therapies”*
- 12:35-12:45 **Barbara Frossi**, **Carlo Ennio Michele Pucillo** (DAME) *“Immuno-senescence of regulatory cells”*
- 12:45-12:55 **Gianluigi Gigli** (DMIF), **Francesco Curcio**, **Alessandro Cavarape**, **Gianluca Tell**, **Francesco Janes**, **Martina Fabris**, **Mariarosaria Valente**, **Andrea Bernardini**, **Gaia Pellitteri**, **Rossana Domenis**, **Adriana Cifù**, **Romina Milanic** (DAME) *“Establishment of a Biobank for the extensive profiling of biomarkers of neurodegenerative pathologies”*

- SESSION 3, AULA A

## WELFARE

Chairpersons:

**Valeria Fili** (DISG)

**Laura Rizzi** (DIES)

- 11:45-11:55 **Daniele Casciano** (DISG) *“Non-scheduled Transport Services and Elderly People”*
- 12:00-12:10 **Linda Miotto, Vittorio Giorgi** (DISG) *“New business Models in the Silver Economy”*
- 12:15-12:25 **Luca Grasseti, Divya Brundavanam, Laura Rizzi, Alessio Fornasin** (DIES) *“Elderly HCE: spatial and time patterns to evaluate sustainability”*
- 12:30-12:40 **Laura Rizzi, Giuseppe Alfonzetti, Michele Gobbato, Luca Grasseti** (DIES) *“Demand vs Estimated Burden of Health Care: a comparative evaluation based on spatial analysis”*
- 12:45-12:55 **Claudia Di Sciacca, Raffaella Faggionato, Ilvano Caliaro, Rosanna Giaquinta, Renata Londero, Brunello Lotti, Renato Oniga, Maria Milena Romero Allué, Katerina Voiopoulos, Giorgio Ziffer** (DILL) *“The Narrative of Ageing: Recounting and Representing Old Age and Ageing in Literature, Philosophy and the Arts”*
- 13:00-13:10 **Davide Zoletto, Francesca Zanon, Luisa Zinant, Fabiana Fusco, Donatella Cozzi, Anselmo Roberto Paolone** (DILL) *“Lifelong learning for older adults as a resource for building inclusive communities in linguistically and socioculturally heterogeneous contexts”*
- 13:00-14:00 LIGHT LUNCH – provided in the Chiostro**

**14:00-16:45**     **Parallel Sessions: presentations by topic area**

- SESSION 1, AULA C

**PREVENZIONE E BENESSERE + INFRASTRUTTURE E TECNOLOGIE**

Chairpersons:

**Sonia Calligaris** (DI4A)

**Antonio Abramo** (DPIA)

**Vincenzo della Mea** (DMIF)

- 14:00-14:10     **Marilena Marino**, Nadia Innocente, Sofia Melchior, Sonia Calligaris (DI4A) “The development of probiotic micro-organisms delivery systems applied to food”
- 14:10-14:20     **Luca Iseppi**, Ivana Bassi (DI4A), Stefania Troiano (DIES) “The exploitation of forests to improve people’s health and well-being”
- 14:20-14:30     **Paola Crusiz**, Giovanna Lippe, Mara Lucia Stecchini, Francesca Mancuso, Walter Baratta (DI4A) “The application of novel active metabolites for the development of functional food”
- 14:30-14:40     **Maria Cecilia Luise** (DILL) “A glottogeragogic model: the Cognitive-Emotional Scaffolding”
- 14:40-14:50     **Stella Plazzotta**, Sonia Calligaris, Lara Manzocco, Maria Cristina Nicoli (DI4A) “The engineering of bio-aerogel for the controlled release of bioactive compounds”
- 14:50-15:00     **Sofia Melchior**, Sonia Calligaris, Lara Manzocco, Maria Cristina Nicoli (DI4A) “The development of foods with improved protein bioavailability for the active ageing of the population”
- 15:00-15:10     **Gabriella Marcon** (DAME), Mauro Tettamanti (IRCCS Mario Negri), Filomena Vella (ASUITS, Distr. 2), Francesco Loffredo (ICGEB TS), Matteo Biasotto, Katia Rupel (UNITS) “Protective and risk factors in oldest-old cerebral ageing”
- 15:10-15:20     **Antonio Affanni**, Riccardo Bernardini, Roberto Rinaldo, Pamela Zontone (DPIA) “The acquisition and analysis of biophysical signals through Machine Learning techniques”
- 15:20-15:30     **Federico Costantini** (DISG), Pier Luca Montessoro (DPIA), Francesco Crisci (DIES), Leopoldina Fortunati (DMIF) “Active ageing and “virtual assistants” in the incoming, IoT domestic system”

- 15:30-15:40 **Gianluca Foresti**, Vincenzo Della Mea, Ivan Scagnetto (DMIF) “The classification, predictive analytics and management of IoMT devices (Internet of Medical Things) through Deep Learning techniques for the remote monitoring of patients and older people”
- 15:40-15:50 **Leopoldina Fortunati** (DMIF), Manuela Farinosi (DIUM) “Advanced style: the rise of the over -70 fashion influencers”
- 15:50-16:00 **Antonino Morassi**, Michele Dilena, Marta Fedele Dell’Oste (DPIA) “An innovative diagnostic methodology to support the seismic analysis of homes for elderly patients”

- SESSION 2, AULA SEMINARI KOLBE

## **RICERCA TRASLAZIONALE, DIAGNOSTICA, CLINICA E ASSISTENZA**

Chairpersons:

**Gianluca Tell** (DAME)

**Alessandro Cavarape** (DAME)

- 14:00-14:10 **Bruno Grassi**, Lucrezia Zuccarelli, Marina Comelli, Irene Mavelli (DAME), Simone Porcelli (Istituto di Tecnologie Biomediche, CNR, Milano), Marcello Maggio (UNIPR), Francesco Lacquaniti (UNIROMA2), Roberto Bottinelli, Maria Antonietta Pellegrino (UNIPV), Marco Narici (UNIPD) “Neuromuscular ageing: mechanisms and functional implications”
- 14:10-14:20 **Paolo Lanzetta**, Giuseppe Damante, Daniele Veritti, Alessandra Franzoni, Valentina Sarao (DAME) “A pharmacogenetics approach for precision medicine of age-related macular degeneration”
- 14:20-14:30 **Marisa Manzano**, Rosanna Toniolo (DI4A) “Biosensors for rapid diagnostics”
- 14:30-14:40 **Fulvia Ortolani**, Antonella Bonetti, Magali Contin (DAME) “Studies on the onset of soft tissue ectopic calcifications in pathological contexts and in “in vivo” and “in vitro” models of induced calcification”
- 14:40-14:50 **Luca Grasseti** (DIES), Alvisa Palese (DAME), Christina Conti (DPIA) “Food quality in nursing homes spaces and active life of the inhabitants”
- 14:50-15:00 **Fabio Puglisi**, Giuseppe Damante, Chiara Zuiani (DAME) “Project PERSONAL: Exploring a personalized breast cancer screening program focalized on the senior population, though the integration of genomics and artificial intelligence tools”
- 15:00-15:10 **Marta Codrich**, Gianluca Tell, Giulia Antoniali, Matilde Clarissa Malfatti, Giovanna Mangiapane, Kristel Conte, Carlo Ennio Michele Pucillo, Giuseppe Damante, Giovanni Terrosu, Carla Di Loreto (DAME) “Molecular bases of ageing: DNA repair mechanisms in personalized medicine through the use of 3D organoids and NGS strategies”
- 15:10-15:20 **Matteo Balestrieri**, Elisa Maso (DAME) “Psychoeducation for the caregivers of elderly people with affective and behaviour disorders”
- 15:20-15:30 **Stefano Lazzer**, Nicola Giovanelli, Mirco Floreani, Bruno Grassi (DAME) “Physical activity to promote the well-being and social inclusion of older people”
- 15:30-15:40 **Renata Lonigro** (DAME) “Translational Research: diagnosis, progression and therapeutic approaches in neurodegenerative diseases affecting the aged people”



15:40-16:00 **Regina Roller-Wirnsberger** (University of Graz) “Age and Care Research Group”  
and “Active and Healthy Ageing”

- SESSION 3, AULA A

## WELFARE

Chairpersons:

**Valeria Fìli** (DISG)

**Laura Rizzi** (DIES)

14:15-14:25 **Francesco Bilotta** (DISG) *“The Dignity of Ageing people: some Reflections on Method”*

14:30-14:40 **Elisabetta Bergamini** (DISG) *“The rights of the elderly in International Law: from Disabled Protection to Active Ageing Policies”*

14:45-14:55 **Marina Brollo** (DISG) *“How to Make the Elderly Labour Sustainable: Part time and Smart Working”*

15:00-15:10 **Carmela Garofalo** (DISG) *“How to Make the Elderly Labour Sustainable: Return to Work Incentive”*

15:15-15:25 **Anna Zilli** (DISG) *“Skills and Ageing of workers in the Public Healthcare System.”*

15:30-15:40 **Claudia Carchio** (DIES), **Valeria Fìli** (DISG) *“Income Support for Elderly Workers”*

15:45-15:55 **Raffaella Pasquili** (DISG) *“Protecting and Developing the Emotional and Financial Self-Determination of Elderly People within the Family Environment”*

16:00-16:10 **Luigi Gaudino** (DISG) *“Law No. 219/2017: a Law supporting the quality of life, to the end”*

16:15-16:25 **Rocco Lobianco** (DISG) *“Self-Driving Cars and Elderly People: Legal Aspects”*

16:45-17:15 **Coffee Break**

17:15-18:00 **Plenary Session - Aula Magna-Kolbe**

Round Table. Concluding remarks and future goals

**Roberto Pinton**, Rector of the University of Udine

**Gianna Zamaro**, *Central Deputy Director, Central Direction of Health, Social Politics and Disability, Region FVG*

**Riccardo Riccardi**, *Vice-president FVG Region and Councilor of Health, Social Politics and Disability, social cooperation and tertiary sector, Civil Protection Officer, Region FVG*

**Fabio Lo Faro**, *INAIL Regional Director, INAIL Regional Direction FVG*

**Antonio Abramo**, *Lecturer of Electronic, University of Udine*

**Sonia Calligaris**, *Lecturer of Food Science and Technology, University of Udine*

**Alessandro Cavarape**, *Lecturer of Internal Medicine, University of Udine*

**Vincenzo Della Mea**, *Lecturer of Information Processing Systems, University of Udine*

**Valeria Fili**, *Lecturer of Labour Law, University of Udine*

**Laura Rizzi**, *Lecturer of Econometrics, University of Udine*

**Gianluca Tell**, *Lecturer of Molecular Biology, University of Udine*

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