

**PADUA,  
ITALY**

**16-17 SEPTEMBER  
2022**

# IGM CONGRESS 2022

**10<sup>th</sup> Congress  
of the International Society  
of Gender Medicine**

**Preliminary  
Programme**



International Society  
of Gender Medicine (IGM)



16 SEPTEMBER 2022

MAIN ROOM

ROOM 1

ROOM 2

09:00-09:30	Welcome & Introduction		
09:00-11:20	PLENARY SESSION 1 COVID-19 PANDEMIC		
	PARALLEL SESSION 1		
11:20-12:30	NEUROLOGY	DRUGS	EX-HEALTH: REDUCING GENDER HEALTH DISPARITY THROUGH DIGITAL MEDICINE. IS THIS THE WAY?
12:30-13:00	PLENARY LECTURE 1 M.J. Legato		
13:00-13:30	Lunch		
13:30-14:30	POSTER VIEW AND DISCUSSION - POSTER AREA		
14:30-15:00	PLENARY LECTURE 2 W. Ricciardi		
	PARALLEL SESSION 2		
15:00-16:00	15:00-16:10 RESPIRATORY DISEASES	ORTHOPAEDICS, TRAUMATOLOGY AND OSTEOPOROSIS	15:00-16:30 EDUCATION AND COMMUNICATION STRATEGIES
16:00-16:45	POSTER VIEW AND DISCUSSION - POSTER AREA		
16:45-18:30	PLENARY SESSION 2 BASIC AND TRANSLATIONAL SCIENCES		

17 SEPTEMBER 2022

MAIN ROOM

ROOM 1

ROOM 2

	MAIN ROOM	ROOM 1	ROOM 2
	PARALLEL SESSION 3		
08:30-10:00	ONCOLOGY	SELECTED PRESENTATIONS: CARE FOR EVERYONE	SELECTED PRESENTATIONS: CARDIOVASCULAR AND METABOLIC DISEASES
	PARALLEL SESSIONS 4		
10:00-10:30	PEDIATRICS	COMMUNICATION AND EDUCATION STRATEGIES	GENDER MEDICINE: PRESENT AND PAST
10:30-11:00	POSTER VIEW AND DISCUSSION - POSTER AREA		
	PARALLEL SESSION 5		
11:00-12:30	CARDIOVASCULAR DISEASES	ARTIFICIAL INTELLIGENCE	SELECTED PRESENTATIONS: EPIDEMIOLOGY AND PSYCHOSOCIAL SCIENCES
12:30-13:30	IGM ASSEMBLY		
13:30-14:00	Lunch		
14:00-15:00	POSTER VIEW AND DISCUSSION - POSTER AREA		
	PARALLEL SESSION 6		
15:00-16:30	METABOLIC DISEASES	ENVIRONMENTAL EXPOSURES, SOCIAL SCIENCES AND LIFE STYLES	15:00-16:00 INFLAMMATION AND GENDER
			16:00-16:30 ANTIMICROBIAL RESISTANCE AND GENDER
	PARALLEL SESSION 7		
16:30-18:00	DIVERSITY AND INCLUSION	SELECTED PRESENTATIONS: INFECTION, IMMUNITY AND ENDOCRINE ISSUES	SELECTED PRESENTATIONS: EDUCATION & COMMUNICATION IN PUBLIC HEALTH
18:00-18:30	CLOSING CEREMONY		

**09:00-09:30 | MAIN ROOM**

Welcome &amp; Introduction

**PLENARY SESSION 1****09:30-11:20 | MAIN ROOM****COVID-19 PANDEMIC**Chairs: **Silvio Brusaferrero** (*Italy*), **Alexandra Kautzky-Willer** (*Austria*)**09:30** Introduction: the epidemiological burden of COVID-19 in Italy  
**Silvio Brusaferrero** (*Italy*)**09:40** Sex and gender differences and infectious diseases  
**Sabra Klein** (*USA*)**10:10** Sex-specific biomarkers of COVID-19 progression and response to vaccination  
**Anna Ruggieri** (*Italy*)**10:25** Covid in pediatric age: a focus on gender implications  
**Danilo Buonsenso** (*Italy*)**10:40** Intensive care for patients with COVID-19  
**Marco Ranieri** (*Italy*)**10:55** Discussion**PARALLEL SESSION 1****11:20-12:30 | MAIN ROOM****NEUROLOGY**Chairs: **Masahiro Akishita** (*Japan*), **Roberto Manfredini** (*Italy*)**11:20** Sex and gender differences in Alzheimer - the gateway towards precision medicine?  
**Maria Teresa Ferretti** (*Switzerland*)**11:40** Gender differences in Parkinson's disease  
**Gennarina Arabia** (*Italy*)**12:00** Womens Brain Project  
**OC01** **Marta Di Meo** (*Switzerland*)**12:10** Missed opportunities for stroke diagnosis in patients presenting acutely in the Emergency Department of  
**OC02** a Swiss university hospital: a gender perspective**Cécile Barras, Carole Clair, Michel Patrik, Amiguet Michael** (*Switzerland*)**12:20** Discussion**11:20-12:30 | ROOM 1****DRUGS**Chairs: **Siobhain O'Mahony** (*Ireland*), **Giorgio Racagni** (*Italy*)**11:20** Antidepressant drugs and gender use, abuse and misuse  
**Nicoletta Brunello** (*Italy*)**11:40** The role of the gut microbiome in sex-differences in pain  
**Siobhain O'Mahony** (*Ireland*)**12:00** New monoclonal antibodies for migraine  
**Pierangelo Geppetti** (*Italy*)**12:20** Discussion

11:20-12:30 | ROOM 2

**EX-HEALTH: REDUCING GENDER HEALTH DISPARITY THROUGH DIGITAL MEDICINE. IS THIS THE WAY?**

Chairs: **Anna Maria Colao** (*Italy*), **Shiri Tenenbaum** (*Israel*)

**11:20** Gender health disparity: how to identify the most approachable needs?  
**Serena Civitelli** (*Italy*)

**11:40** Why should digital medicine be an option?  
**Anna Maria Moretti** (*Italy*)

**12:00** How can digital medicine level disparities?  
**Annalisa Voltolini** (*Italy*)

**12:20** Discussion

**PLENARY LECTURE**

12:30-13:00 | MAIN ROOM

Introduction  
**Marek Glezerman** (*Israel*)

The future of gender-specific medicine worldwide  
**Marianne J. Legato** (*USA*)

**13:00** Lunch

13:30-14:30 | POSTER AREA

**POSTER VIEW AND DISCUSSION**

**PLENARY LECTURE**

14:30-15:00 | MAIN ROOM

Chairs: **Marianne J. Legato** (*USA*), **Walter Malorni** (*Italy*)

Gender disparity and public health  
**Walter Ricciardi** (*Italy*)

## PARALLEL SESSION 2

## 15:00 16:10 | MAIN ROOM

**RESPIRATORY DISEASES**Chairs: **Anna Maria Moretti** (*Italy*), **Joan B. Soriano** (*Spain*)

- 15:00** Gender differences in diffuse parenchymal lung disorders: imaging aspects  
**Nicola Sverzellati** (*Italy*)
- 15:20** Sex differences between women and men with COPD  
**Joan B. Soriano** (*Spain*)
- 15:40** The impact of gender on interstitial lung disease  
**Paolo Spagnolo** (*Italy*)
- 15:55** Influence of sex on the transcriptome of peripheral blood neutrophils in COPD patients  
**Barbara Mariotti** (*Italy*)

## 15:00 16:00 | ROOM 1

**ORTHOPAEDICS, TRAUMATOLOGY AND OSTEOPOROSIS**Chairs: **Pietro Ruggieri** (*Italy*), **Paolo Tranquilli Leali** (*Italy*)

- 15:00** Gender bias in orthopedic surgery  
**Pietro Regazzoni** (*Switzerland*)
- 15:20** Gender-specific differences in knee osteoarthritis: from bench to bedside  
**Davide Bizzoca, Biagio Moretti** (*Italy*)
- 15:40** Fragility fractures: prevention and therapy  
**Maria Luisa Brandi** (*Italy*)

## 15:00 16:30 | ROOM 2

**EDUCATION AND COMMUNICATION STRATEGIES**Chairs: **Luca Fabris** (*Italy*), **Margarethe Hochleitner** (*Austria*)

- 15:00** Gender medicine and university teaching  
**Vera Regitz-Zagrosek** (*Germany*)
- 15:20** Gender and woman ("Generedonna"): an Italian best practice promoted by patients  
**Antonella Celano** (*Italy*)
- 15:35** Awareness and empowerment: the importance of the gender approach in the psoriasis management  
**Clara De Simone** (*Italy*)
- 15:50** To be a woman living with a chronic rheumatic disease  
**Angela Tincani** (*Italy*)
- 16:05** Why are rheumatic autoimmune diseases on the rise? The history of gender role  
**Leonardo Punzi** (*Italy*)
- 16:20** Discussion

## 16:00-16:45 | POSTER AREA

**POSTER VIEW AND DISCUSSION**

PLENARY SESSION 2

16:45-18:30 | MAIN ROOM

**BASIC AND TRANSLATIONAL SCIENCES**

Chairs: Giuseppe Novelli (*Italy*), Rhonda Voskuhl (*USA*)

- 16:45 Sex chromosomes and diseases  
Rhonda Voskuhl (*USA*)
- 17:15 Considering sex as a biological variable in basic and clinical studies  
Aditi Bargawa (*USA*)
- 17:45 Sex differences in epigenetic fetal programming  
Marek Glezerman (*Israel*)
- 18:05 Biological clock in reproductive health of men and women  
Dov Feldberg (*Israel*)
- 18:25 Discussion

## PARALLEL SESSION 3

## 08:30-10:00 | MAIN ROOM

**ONCOLOGY**Chairs: **Paolo Marchetti** (*Italy*), **Anna Wagner** (*Switzerland*)

- 08:30** Gender medicine and oncology: current status and challenges  
**Anna Dorotea Wagner** (*Switzerland*)
- 08:50** Antitumor therapies: gender differences  
**Fabio Conforti** (*Italy*)
- 09:10** Impact of gender on the efficacy and toxicity of drug treatment in colorectal cancer  
**Enrico Mini** (*Italy*)
- 09:30** The prognostic role of sex and anemia in tongue cancer patients  
**OC03** **Oriana D'Ecclesiis**, **Marta Tagliabue**, **Aurora Gaeta**, **Rita De Bernardis**, **Sara Gandini**, **Mohssen Ansarin**, **Susanna Chiocca** (*Italy*)
- 09:40** Gender and sex attention in the onset of melanoma  
**OC04** **Monica Onorati**, **Barbara Valeri**, **Marta Nicola**, **Franca Di Nuovo** (*Italy*)
- 09:50** Discussion

## 08:30-10:00 | ROOM 1

**SELECTED PRESENTATIONS: CARE FOR EVERYONE**Chairs: **Boris Novakovic** (*Australia*), **Marina Pierdominici** (*Italy*)

- 08:30** Does gender-affirming hormonal treatment affect 30-year cardiovascular risk in transgender people? A twoyear prospective European study (ENIGI)  
**OC05** **Carlotta Cocchetti**<sup>1</sup>, **Giovanni Castellini**<sup>1</sup>, **Alessia Romani**<sup>1</sup>, **Mario Maggi**<sup>1</sup>, **Linda Vignozzi**<sup>1</sup>, **Thomas Schreiner**<sup>2</sup>, **Martin den Heijer**<sup>3</sup>, **Guy T'Sjoen**<sup>4</sup>, **Alessandra D. Fisher**<sup>1</sup> (*<sup>1</sup>Italy, <sup>2</sup>Norway, <sup>3</sup>The Netherlands, <sup>4</sup>Belgium*)
- 08:40** Epigenetic and immunological remodeling by Gender-affirming hormone therapy  
**OC06** **Boris Novakovic** (*Australia*)
- 08:50** "Signposts and Technicians": a reflexive thematic analysis of how general practitioners and endocrinologists understand their roles in transgender medicine  
**OC07** **Jonathan Franklin**, **Apoorva Thakur**, **Vinod Patel** (*United Kingdom*)
- 09:00** How many transgender people are there in Italy? A population-based study (the SPoT study)  
**OC08** **Jiska Ristori**, **Marina Pierdominici**, **Matteo Marconi**, **Luisa Brogonzoli**, **Giovanni Castellini**, **Maria Teresa Pagano**, **Francesco Cipriani**, **Carlotta Cocchetti**, **Alessia Romani**, **Mario Maggi**, **Alessandra Daphne Fisher** (*Italy*)
- 09:10** The state of affirmative mental health care for Transgender and Gender Non-Confirming people: an analysis of current research, debates, and standards of care  
**OC09** **Manlio Converti**, **Andrea Crapanzano** (*Italy*)
- 09:20** Efficacy and safety of medical treatment in the clinical management of adolescents with gender dysphoria (GD): a prospective follow-up study  
**OC10** **Alessia Romani**, **Jiska Ristori**, **Francesca Mazzoli**, **Carlotta Cocchetti**, **Linda Vignozzi**, **Mario Maggi**, **Alessandra Daphne Fisher** (*Italy*)
- 09:30** Health promotion of immigrant communities in Italy: gender and religion challenges  
**OC11** **Claudio Giovannini**, **Leuconoe Grazia Sisti**, **Mariangela Falà**, **Paola Gabbrielli**, **Walter Malorni** (*Italy*)
- 09:40** The gender gap in the diagnostic-therapeutic journey of the infertile couple  
**OC12** **Giuseppe Gullo**, **Gaspere Cucinella**, **Antonio Perino**, **Daniela Segreto**, **Giovanni Buzzaccarini**, **Rossella Tomaiuolo**, **Antonio Simone Laganà**, **Domenico Gullo** (*Italy*)
- 09:50** Discussion



## 08:30-10:00 | ROOM 2

**SELECTED PRESENTATIONS: CARDIOVASCULAR AND METABOLIC DISEASES**Chairs: **Cecilia Politi** (*Italy*), **Ute Seeland** (*Germany*)

- 08:30** Differences between men and women in the treatment with new diabetes medicines sodium-glucose co-transporter 2 inhibitors  
**OC13** **Diana Rydberg**, **Linnéa Karlsson Lind**, **Karin Schenck-Gustafsson** (*Sweden*)
- 08:40** Sex-related disparities in the management and prognosis of acute coronary syndrome in Switzerland  
**OC14** **Carole Clair**, **Marie-Annick Le-Pogam**, **Elodie Huber** (*Switzerland*)
- 08:50** Impaired cardiac mitochondrial homeostasis and pro-inflammatory shift in old women with myocarditis related cardiomyopathy  
**OC15** **Maria Luisa Barcena**<sup>1</sup>, **Greta Tonini**<sup>1</sup>, **Pavelas Breiter**<sup>1</sup>, **Misael Estepa**<sup>1</sup>, **Hendrik Milting**<sup>1</sup>, **Istvan Baczko**<sup>2</sup>, **Ursula Müller-Werdan**<sup>1</sup>, **Vera Regitz-Zagrosek**<sup>1</sup> (<sup>1</sup>*Germany*, <sup>2</sup>*Hungary*)
- 09:00** Spontaneous coronary artery dissections: analysis of non traditional risk factors  
**OC16** **Rossella Giacalone**, **Marco Ferretti**, **Filippo Luca Gurguglione**, **Manjola Noni**, **Giovanna Maria Pelà**, **Antonella Vezzani**, **Maria Alberta Cattabiani**, **Giorgio Benatti**, **Iacopo Tadonio**, **Giulia Magnani**, **Francesco Nicolini**, **Giampaolo Niccoli**, **Diego Ardissino**, **Luigi Vignali**, **Emilia Solinas** (*Italy*)
- 09:10** In-home pain-free exercise for the rehabilitation of peripheral arterial disease: is this the way to better outcomes in women? A 7-year cohort study  
**OC17** **Caterina Savriè**, **Tsolaki Elpiniki**, **Giovanni Piva**, **Benedetta Boari**, **Roberto Manfredini**, **Vincenzo Gasbarro**, **Fabio Manfredini**, **Nicola Lamberti** (*Italy*)
- 09:20** Predicting out-of-hospital cardiac arrest (OHCA) survival in women and men  
**OC18** **Robin Smits**<sup>1</sup>, **Shaun Sødergren**<sup>2</sup>, **Ehsan Motazed**<sup>1</sup>, **Hans van Schuppen**<sup>1</sup>, **Fredrik Folke**<sup>2</sup>, **Martin Jonsson**<sup>3</sup>, **Mattias Ringh**<sup>3</sup>, **Ellinor Berglund**<sup>3</sup>, **Laura van Dongen**<sup>1</sup>, **Hanno Tan**<sup>1</sup>, **Irene van Valkengoed**<sup>1</sup> (<sup>1</sup>*The Netherlands*, <sup>2</sup>*Denmark*, <sup>3</sup>*Sweden*)
- 09:30** Male gender: a risk factor in Kawasaki disease?  
**OC19** **Isabella Tarissi De Jacobis**, **Alessandra Marchesi**, **Elisabetta Straface**, **Giovanni Orso**, **Marta Mosticchio**, **Alberto Villani** (*Italy*)
- 09:40** Discussion

## PARALLEL SESSION 4

## 10:00-10:30 | MAIN ROOM

**PEDIATRICS**Chair: **Elena Ortona** (*Italy*)

- 10:00** Immunity in Children: sex and gender differences  
**Antonella Viola** (*Italy*)

## 10:00-10:30 | ROOM 1

**COMMUNICATION AND EDUCATION STRATEGIES**Chair: **Masahiro Akishita** (*Japan*)

- 10:00** Gender-specific medical library: a work-in-progress tool  
**OC20** **Anna Maria Moretti, Davide Bizzoca, Biagio Moretti** (*Italy*)
- 10:15** The interest of Italian Parliament on gender medicine  
**Fabiola Bologna** *Italian Parliament* (*Italy*)

## 10:00-10:30 | ROOM 2

**GENDER MEDICINE: PRESENT AND PAST**Chair: **Rhonda Voskuhl** (*USA*)

- 10:00** Practical strategies for gender medicine application in Italy  
**Alessandra Carè** (*Italy*)
- 10:20** On the interplay between the medicine of Hildegard of Bingen and gender medicine: the role of estrogen receptor as an example of biodynamic interface  
**OC21** **Sabrina Melino, Elisabetta Mormone** (*Italy*)

## 10:30-11:00 | POSTER AREA

**POSTER VIEW AND DISCUSSION**

## PARALLEL SESSION 5

## 11:00-12:30 | MAIN ROOM

**CARDIOVASCULAR DISEASES**Chairs: **Silvio Garattini** (*Italy*), **Vera Regitz-Zagrosek** (*Germany*)

- 11:00** Coronary heart diseases  
**Vera Regitz-Zagrosek** (*Germany*)
- 11:20** Heart failure and gender differences  
**Maria Grazia Modena** (*Italy*)
- 11:40** Heart-brain interactions in cardiovascular diseases: why sex and gender matter  
**Catherine Gebhard** (*Switzerland*)
- 12:00** Regional differences in knowledge and perception of cardiovascular risk among women in Italy  
**OC22** **Silvia Maffei, Martino Deidda, Susanna Sciomer, Lucia Cugusi, Christian Cadeddu, Sabina Gallina, Michela Franchini, Giovanni Scambia, Anna Vittoria Mattioli, Nicola Surico, Giuseppe Mercuro, Antonella Meloni** (*Italy*)
- 12:15** Discussion

11:00-12:30 | ROOM 1

**ARTIFICIAL INTELLIGENCE**

Chairs: Enzo Grossi (*Italy*), Nasr Makni (*Switzerland*)

- 11:00 Artificial Intelligence in medicine: an overview  
Nasr Makni (*Switzerland*)
- 11:20 Gender imbalance in medical imaging datasets for Artificial Intelligence  
Isabella Castiglioni (*Italy*)
- 11:40 Importance of gender factor in disease modelling with artificial neuronal networks  
Enzo Grossi (*Italy*)
- 12:00 Sjogren's syndrome: difference in clinical presentation between male and female  
Chiara Baldini (*Italy*)
- 12:20 Discussion

11:00-12:30 | ROOM 2

**SELECTED PRESENTATIONS: EPIDEMIOLOGY AND PSYCHOSOCIAL SCIENCES**

Chairs: Eliana Ferroni (*Italy*), Mia von Euler (*Sweden*)

- 11:00 OC23 How to measure gender in health research? Theoretical framework and proposition of operationalization for the Swiss context  
Joana Le Boudec, Diane Auderset, Joëlle Schwarz, Carole Clair (*Switzerland*)
- 11:10 OC24 Complexity of couples in assisted reproductive technologies (ARTs): frailties and psychological resources of men and women compared  
Concetta Polizzi, Giovanna Perricone, Antonio Perino, Gaspare Cucinella, Domenico Gullo, Sofia Burgio, Fabrizia Rubino, Giuseppe Gullo (*Italy*)
- 11:20 OC25 Sex and gender differences in human gut microbiota composition and diversity  
Ilire Rrustemi, Carole Clair, Joëlle Schwarz (*Switzerland*)
- 11:30 OC26 Gender-related factors and out-of-hospital cardiac arrest incidence in women and men: analysis of a population-based cohort study in The Netherlands  
Robin Smits, Laura van Dongen, Marieke Blom, Hanno Tan, Irene van Valkengoed (*The Netherlands*)
- 11:40 OC27 Gender inequalities in access to healthcare services: data from the Italian National Outcome Evaluation Programme  
Marcello Cuomo, Chiara Mencancini, Eliana Ferroni, Paola D'Errigo, Paola Colais, Alessandra Burgio, Elisa Guglielmi, Stefano Rosato, Marina Davoli, Giovanni Baglio (*Italy*)
- 11:50 OC28 Sex differences in patterns of treatment and incidence of outcomes in kidney transplant recipients  
Maria Lucia Marino, Eliana Ferroni, Marco Finocchietti, Alessandro Rosa, Marco Massari, Andrea Ricci, Silvia Pierobon, Arianna Mazzone, Stefano Ledda, CESIT Project, Valeria Belleudi (*Italy*)
- 12:00 OC29 Differing perioperative outcomes among men and women, a cohort study  
Elsa Hägglöf, Emma Larsson, Max Bell, Linn Hallqvist (*Sweden*)
- 12:10 Discussion

12:30-13:30 | MAIN ROOM

**IGM ASSEMBLY**

- 13:30 Lunch

## 14:00-15:00 | POSTER AREA

## POSTER VIEW AND DISCUSSION

## PARALLEL SESSION 6

## 15:00-16:30 | MAIN ROOM

## METABOLIC DISEASES

Chairs: Maria Luisa Appetecchia (*Italy*), Alexandra Kautzky-Willer (*Austria*)

- 15:00** Obesity management/bariatric surgery: sex and gender differences  
Alexandra Kautzky-Willer (*Austria*)
- 15:30** Gender differences in diabetes and its complications  
Anna Solini (*Italy*)
- 16:00** Sex differences in the contribution of risk factors to the population burden of chronic kidney disease across ethnic groups. The Healthy Life in an Urban Setting study  
**OC30** Frouke Kingma, Irene van Valkengoed, Vianda Stel, Kitty Jager, Bert-Jan Van den Born, Eric Moll van Charante, Brechje Huisman, Frans van Ittersum, Henrike Galenkamp, Liffert Vogt (*The Netherlands*)
- 16:10** Sex and gender aspects in diabetes: focus on access to health care and cardiovascular outcomes  
**OC31** Teresa Gisinger<sup>1</sup>, Zahra Azizi<sup>2</sup>, Pouria Alipour<sup>2</sup>, Jürgen Harreiter<sup>1</sup>, Valeria Raparelli<sup>2,3</sup>, Karolina Kublickiene<sup>4</sup>, Maria Trinidad Herrero<sup>2</sup>, Colleen Norris<sup>2</sup>, Khaled El Emam<sup>2</sup>, Louise Pilote<sup>2</sup>, Alexandra Kautzky-Willer<sup>1</sup> (*<sup>1</sup>Austria, <sup>2</sup>Canada, <sup>3</sup>Italy, <sup>4</sup>Sweden, <sup>5</sup>Spain*)
- 16:20** Discussion

## 15:00-16:30 | ROOM 1

## ENVIRONMENTAL EXPOSURES, SOCIAL SCIENCES AND LIFE STYLES

Chair: Malgorzata Debiak (*Germany*), Flavia Franconi (*Italy*)

- 15:00** Integrating sex and gender in environmental health research  
Malgorzata Debiak (*Germany*)
- 15:20** Toward gender-transformative social epidemiology: reflexions on the conceptualisation and operationalisation of gender in quantitative studies  
Celine Miani (*Germany*)
- 15:40** Lifestyle effect on human male and female phenotypes  
Ilaria Campesi (*Italy*)
- 16:00** Lifestyle as a risk factor for endocrine diseases: does gender matter? A cross-sectional study  
**OC32** Marta Bianchini, Giulia Puliani, Rosa Lauretta, Alfonsina Chiefari, Marilda Mormando, Irene Terrenato, Marialuisa Appetecchia (*Italy*)
- 16:15** Discussion

15:00-16:30 | ROOM 2

**INFLAMMATION AND GENDER**

Chair: **Aditi Bargawa** (*USA*)

- 15:00 The issue of gender in inflammatory disorders  
**Adriana Maggi** (*Italy*)
- 15:20 Inflammaging and gender  
**Claudio Franceschi** (*Italy*)
- 15:40 Discussion

**ANTIMICROBIAL RESISTANCE AND GENDER**

Chair: **Sabra Klein** (*USA*)

- 16:00 Drugs, bugs, infections and antimicrobial resistance  
**Teresita Mazzei, Giorgio Tulli** (*Italy*)
- 16:15 An Italian study on antimicrobial resistance and gender  
**Fabrizio Gemmi** (*Italy*)

PARALLEL SESSION 7

16:30-18:00 | MAIN ROOM

**DIVERSITY AND INCLUSION**

Chairs: **Gillian Einstein** (*Canada*), **Antonella Vezzani** (*Italy*)

- 16:30 How an inclusive analysis contributes to health for all  
**Ineke Klinge** (*The Netherlands*)
- 16:50 In-practice policies to promote an inclusive health care for transgender people  
**Marina Pierdominici** (*Italy*)
- 17:10 Hormone therapy and cognitive functioning in transgender people  
**Gillian Einstein** (*Canada*)
- 17:30 Considering sexual orientation and gender Identity (SOGI) in everyday clinical practice  
**Nikola Komlenac** (*Austria*)
- 17:50 Discussion

16:30-18:00 | ROOM 1

**SELECTED PRESENTATIONS: INFECTION, IMMUNITY AND ENDOCRINE ISSUES**

Chairs: **Rosa Maria Gaudio** (*Italy*), **Kateryna Ostrovska** (*Ukraine*)

- 16:30 **OC33** Higher testosterone is associated with increased inflammatory markers in women with SARS-CoV-2 pneumonia: preliminary results from an observational study  
**Elisa Maseroli, Vincenza Di Stasi, Giulia Rastrelli, Francesco Inglese, Massimiliano Beccaria, Martina Garuti, Fabio Spreafico, Giulia Cervi, Graziana Francesca Greco, Antonietta Pecoriello, Sarah Cipriani, Irene Scavello, Mario Maggi, Linda Vignozzi** (*Italy*)
- 16:40 **OC34** The impact of gender on the effectiveness of laboratory data: the case study of SARS-CoV-2 serology  
**Rossella Tomaiuolo, Chiara Di Resta, Chiara Sacco, Marco Viganò, Carlo Federico Perno, Francesco Giuffrida, Giuseppe Banfi** (*Italy*)

- 16:50** Sex and gender impact mental and emotional well-being during COVID-19  
**OC35** **Teresa Gisinger<sup>1</sup>, Rubee Dev<sup>2</sup>, Alexander Kautzky<sup>1</sup>, Jürgen Harreiter<sup>1</sup>, Valeria Raparelli<sup>3</sup>, Karolina Kublickiene<sup>4</sup>, Maria Trinidad Herrero<sup>5</sup>, Colleen Norris<sup>2</sup>, Kim L. Lavoie<sup>2</sup>, Louise Pilote<sup>2</sup>, Alexandra Kautzky-Willer<sup>1</sup>** (<sup>1</sup>Austria, <sup>2</sup>Canada, <sup>3</sup>Italy, <sup>4</sup>Sweden, <sup>5</sup>Spain)
- 17:00** Infection prevention and control for shelters during military aggression of the Russian Federation in Ukraine: do the sex and gender matter?  
**OC36** **Kateryna Ostrovska, Dmytro Stepanskyi** (*Ukraine*)
- 17:10** Sex-driven immune dysfunction and anxiety like behavior in adolescent rats: effect of dietary n-3 polyunsaturated fatty acid deprivation  
**OC37** **Maria Grazia Morgese, Luigia Trabace** (*Italy*)
- 17:20** Sex-specific effects of adjunctive raloxifene in patients with schizophrenia-spectrum disorders: a double-blind, randomised, placebo-controlled trial  
**OC38** **Bodyl Brand<sup>1</sup>, Janna De Boer<sup>1</sup>, Thomas Weickert<sup>2,3</sup>, Iris Sommer<sup>1</sup>** (<sup>1</sup>The Netherlands, <sup>2</sup>Australia, <sup>3</sup>USA)
- 17:30** Gender and estrogens as key factors in the response to immunotherapy in non-small cell lung cancer  
**OC39** **Iris Chiara Salaroglio, Dario Pasquale Anobile, Sofia La Vecchia, Fabrizio Tabbò, Francesco Passiglio, Paolo Bironzo, Joanna Kopecka, Luisella Righi, Giorgio Vittorio Scagliotti, Silvia Novello, Chiara Riganti** (*Italy*)
- 17:40** Discussion

### 16:30-18:00 | ROOM 2

#### SELECTED PRESENTATIONS: EDUCATION & COMMUNICATION IN PUBLIC HEALTH

Chairs: **Caterina Ermio** (*Italy*), **Bryn Hummel** (*The Netherlands*)

- 16:30** Psychosocial factors as additional eligibility criteria for screening in women and men in a multi-ethnic population: the HELIUS study  
**OC40** **Bryn Hummel, Ralf Harskamp, Renee Bolijn, Eric Moll van Charante, Henrike Galenkamp, Anja Lok, Paula Mommersteeg, Irene van Valkengoed** (*The Netherlands*)
- 16:40** Starting the process: a model region for gender medicine  
**OC41** **Miriam Hufgard-Leitner, Angelika Bade, Margarethe Hochleitner, Alexandra Kautzky-Willer** (*Austria*)
- 16:50** How to take gender into account for gender-oriented health promotion actions: the Italian experience  
**OC42** **Luca Busani, Eliana Ferroni, Lilia Biscaglia, Federica Michieletto, Stefania Vasselli, Daniela Galeone, Angela Meggiolaro, Angela Giusti, Maria Bellenghi, Massimo D'Archivio, Claudia Cataldo, Elena Ortona, Robereta Masella, Alessandra Carè** (*Italy*)
- 17:00** Sex- and gender-specific drug abuse dynamics: the need for tailored therapeutic approaches  
**OC43** **Simona Zaami, Daniela Segreto, Giuseppe Gullo** (*Italy*)
- 17:10** COVID-19-related sex and gender knowledge among virologists: frequently addressed but not prioritized in research and education  
**OC44** **Helena Schluchter, Gabriele Kaczmarczyk, Seeland Ute** (*Germany*)
- 17:20** Transgender health and communication strategies: the website Infotrans.it  
**OC45** **Maria Teresa Pagano, Camilla Cittadini, Lucrezia Gambardella, Luciana Giordani, Paola Matarrese, Angela Ruocco, Carmela Santangelo, Marina Pierdominici, Matteo Marconi** (*Italy*)
- 17:30** Education in gender medicine is overdue!  
**OC46** **Gabriele Kaczmarczyk, Susanne Dettmer, Sabine Ludwig, Ute Seeland** (*Germany*)
- 17:40** Reflexivity as a tool for medical students to identify and address gender bias in clinical practice: a qualitative study  
**OC47** **Elisa Geiser, Léa Schilter, Jean-Michel Carrier, Carole Clair, Joëlle Schwarz** (*Switzerland*)
- 17:50** Discussion

### 18:00-18:30 | MAIN ROOM

#### CLOSING CEREMONY

## POSTERS

Chair: **Luca Fabris** (*Italy*)

Frailty and the risk of infection-related hospitalizations in older age: differences by sex  
**Caterina Trevisan, Marianna Noale, Eliana Ferroni, Claudio Barbiellini Amidei, Cristina Basso, Ugo Fedeli, Giovannella Baggio, Stefania Maggi, Giuseppe Sergi** (*Italy*)

Gender difference in potentially inappropriate prescriptions in elderly  
**Xhoajda Taci, Alberto Francescon, Francesca Bano, Paola Toscano, Sabrina Scariot, Samuela Pinato, Eva Draghi, Nicola Realdon, Umberto Gallo** (*Italy*)

Implementing artificial intelligence in gender specific-care in academic hospitals in Italy  
**Tiziana Vavala, Gitana Scozzari, Ida Raciti, Antonio Scarmozzino, Libero Ciuffreda** (*Italy*)

Gender differences in repair mechanisms of chronic cholangiopathies with progressive fibrosis  
**Massimiliano Cadamuro<sup>1</sup>, Labjona Haxhijaj<sup>1</sup>, Chiara Montanaro<sup>1</sup>, Erica Villa<sup>1</sup>, Annarosa Floreani<sup>1</sup>, Nora Cazzagon<sup>1</sup>, Giovannella Baggio<sup>1</sup>, Mario Strazzabosco<sup>2</sup>, Paolo Simioni<sup>1</sup>, Luca Fabris<sup>1</sup>** (*<sup>1</sup>Italy, <sup>2</sup>USA*)

Estrogens increase structural plasticity of dopaminergic neurons through the modulation of the activity of the dopamine D3-nicotinic acetylcholine receptors heteromer  
**Giulia Sbrini, Veronica Mutti, Zaira Tomasoni, Federica Bono, Cristina Missale, Chiara Fiorentini** (*Italy*)

Gendered social determinants of health and the risk of thromboembolic events and bleeding in atrial fibrillation  
**Jonathan Houle<sup>1</sup>, Zahra Azizi<sup>1</sup>, Valeria Raparelli<sup>2</sup>, Colleen Norris<sup>1</sup>, Marco Proietti<sup>2</sup>, Louise Pilote<sup>1</sup>** (*<sup>1</sup>Canada, <sup>2</sup>Italy*)

Seasonal patterns in ischaemic stroke in Andalusia: time series analysis by sex and age  
**Francisco José Rodríguez Cortés, Jorge Eugenio Jiménez Hornero, Juan Francisco Alcalá Díaz, Juan Luis Romero Cabrera, Roberto Manfredini, Pablo Jesús López Soto** (*Spain*)

Chair: **Karin Schenck-Gustafsson** (*Sweden*)

Sex and gender in cardiovascular flow models: where we are today  
**Francesca Maria Susin** (*Italy*)

The "Women and Heart in Menopause" prevention programme  
**Maria Teresa Caputo, Mojgan Azadegan, Federica Marchetti, Stefano Taddei** (*Italy*)

Incidental right atrial mass in a patient with metastatic secondary pancreatic cancer: Is it suggestive of worsening thrombosis or disease progression? A challenging case report  
**Agnese Maria Fioretti, Tiziana Leopizzi, Francesco Giotta, Giovanni Luzzi, Stefano Oliva** (*Italy*)

A case of gender dysphoria. Not only Yentl syndrome. Not only heart disease  
**Annalisa Vinci, Sara Amicone, Carmine Pizzi, Maurizio Del Greco** (*Italy*)

Role of Mediterranean diet in modulating anthropometric parameters in women with menopause  
**Michela Cirillo, Sonia Pompili, Luigina Chiodi, Cinzia Fatini** (*Italy*)

Cardiovascular prevention in menopause: dietary intervention study  
**Francesca Meraglia, Gioele Ciaghi, Nicole Lievore, Gianluca Poncina, Aurora Favaro, Paolo Spinella, Valerie Tikhonoff** (*Italy*)

Managing cardiac arrest secondary to spontaneous coronary artery dissection: should we routinely consider ICD implantation? Insights from Parma SCAD registry  
**Rossella Giacalone, Marco Toselli, Giovanna Maria Pelà, Maria Alberta Cattabiani, Antonella Vezzani, Giorgio Benatti, Iacopo Tadonio, Marco Ferretti, Filippo Luca Gurguglione, Manjola Noni, Giampaolo Niccoli, Diego Ardissino, Luigi Vignali, Emilia Solinas** (*Italy*)

Chair: **Roberto Manfredini** (*Italy*)

Pregnancy and delivery of women with heart disease: a single center experience  
**Giulia Corana, Eliana Franchi, Silvia Maffei, Federica Marchi, Giovanna Casilla, Massimiliano Cantinotti, Emilio Sigali, Giuseppe Santoro, Nadia Assanta** (*Italy*)

Oxidative stress is related to low peak oxygen uptake by cardiopulmonary exercise testing only in women  
**Satoko Ojima, Takuro Kubozono, Shin Kawasoe, Takeko Kawabata, Akiko Yoshikawa, Yoshiyuki Ikeda, Mitsuru Ohishi** (*Japan*)

Left atrial function in severe mitral regurgitation in women and men - echocardiographic analysis of sex differences  
**Seeland Ute, Nikolaus Buchmann, David Leistner, Ulf Landmesser, Ursula Wilkeshoff** (*Germany*)

Who tests where and how often? Differences in testing incidence and testing locations between women and men during the course of the COVID-19 pandemic  
**Yolanda Mueller, Diane Auderset, Carole Clair, Maeder Muriel, Valérie Pittet, Joëlle Schwarz** (*Switzerland*)

Reduction in hospital admissions during SARS-CoV-2 pandemic: do any differences by sex exist?  
**Caterina Savriè, Ruana Tiseo, Giulia Marta Viglione, Elisa Misurati, Christian Molino, Alfredo De Giorgi, Fabio Fabbian, Franco Guerzoni, Nicola Napoli, Roberto Manfredini, Benedetta Boari** (*Italy*)

Prevalence of fatigue and the role of gender in a small sample of italian survivors of first wave Covid 19 infection  
**Maria Gabriella De Silvio, Paola Martucci, Antonella Serafini, Elena Lanteri** (*Italy*)

Public health strategies and SARS-CoV-2 testing in switzerland: a gender perspective  
**Diane Auderset, Joëlle Schwarz, Valérie Pittet, Maeder Muriel, Carole Clair, Yolanda Mueller** (*Switzerland*)

Chair: **Elena Ortona** (*Italy*)

AIFA Registry and COVID-19: the Aretusea experience of Remdesivir according to gender  
**Sabrina Regolo, Michela Cirillo, Manuela Cuconato, Maria Gabriella De Silvio, Cinzia Fatini** (*Italy*)

Gender differences in no-COVID patients mortality during pandemic years 2021-2022: an internal medicine Italian report  
**Tiziana Ciarambino, Elena Barbagelata, Sara Rotunno, Desirè Addesi, Cecilia Politi** (*Italy*)

Thrombosis and bleeding after COVID-19 vaccination: do sex differences matter? On behalf of representatives for gender medicine of scientific hospitalization and treatment institutes  
**Elvira Grandone, Susanna Chiocca, Serenella Castelvechio, Milena Fini, Rossella Nappi** (*Italy*)

The Influence of sex, gender, and age on COVID-19 data in the Piedmont Region (Northwest Italy): the virus prefers men  
**Silvia De Francia, Alessandro Ferretti, Francesco Chiara, Sarah Allegra, Daniele Mancardi, Tiziano Alice, Maria Grazia Milia, Gabriella Gregori, Elisa Burdino, Claudio Avanzini, Valeria Ghisetti, Alessandra Durio** (*Italy*)

Covid-19 pandemic lockdown - A public health perspective on gender differences in patients with severe heart disease  
**Ursula Wilkeshoff, Nikolaus Buchmann, Andrea Heuberger, David Leistner, Ulf Landmesser, Seeland Ute** (*Germany*)

Gender differences in the psychopathological impact of the fourth pandemic wave of SARS-CoV2 on healthcare workers: results of the "COVID-19 Stress-Test" study at the hospital of Teramo  
**Lia Ginaldi, Massimo De Martinis, Domenico De Berardis, Ilenia Senesi, Anna Ceci, Maurizio Brucchi, Maurizio Di Giosia, Merty Taraborrelli, Emanuela Zenobi, Giovanni Muttillio** (*Italy*)



Chair: **Ineke Klinge** (*The Netherlands*)

Complete dental care sessions in special needs individuals: a single-centre retrospective study on 1276 patients

**Paola Salerno, Vladimiro Lanza, Agostino Guida** (*Italy*)

Practicing feminist medicine: intersectionality in the quest for inclusive healthcare

**Lior Baruch, Leeor Shachar** (*Israel*)

Between gender medicine and feminist medicine: implementation in medical education

**Leeor Shachar, Lior Baruch** (*Israel*)

Sex and gender integration in the Swiss medical curriculum (S&G integration): example of a national strategy

**Virginie Schlueter, Diane Auderset, Joëlle Schwarz, Carole Clair** (*Switzerland*)

Sexism and sexual harassment among medical students: prevalence and consequences on mental health - a Swiss cross-sectional study

**Jeanne Barbier, Carrard Valerie, Joëlle Schwarz, Berney Alexandre, Carole Clair** (*Switzerland*)

Preventing sexism and sexual harassment in medical schools by using theater of the oppressed as an interactive and reflexive tool

**Lüthi Emmanuelle, Pichonnaz Lauriane, Joëlle Schwarz, Pascal Morier-Genoud, Caroline Dayer, Ilire Rustemi, Léa Schilter, Berney Alexandre, Caroline John, Julie Dubois, Pierre-Yves Rodondi, Carole Clair** (*Switzerland*)

Gender differences in eating habits of Italian children

**Annalisa Silenzi, Rosaria Vari, Francesca Ceppetelli, Robereta Masella, Beatrice Scazzocchio** (*Italy*)

Chair: **Ute Seeland** (*Germany*)

Gender specific medicine applied: Piedmont generalist physician training

**Gabriella Tanturri, Maria Milano** (*Italy*)

Italian health professionals explore the sex and gender dimension

**Teresa Calandra** (*Italy*)

Family supportive supervisor behaviors moderate links between work stress and exhaustion in academic staff at an Austrian medical university

**Nikola Komlenac, Lisa Stockinger, Margarethe Hochleitner** (*Austria*)

Gender specific medicine awareness in nursing students: a questionnaire - survey

**Laura Baffoni, Denise Garattoni, Khardiatou Ndiaye** (*Italy*)

Genere donna - The communication project on gender medicine and autoimmune diseases, supporting women with rheumatic and dermatologic autoimmune diseases

**Laura Faravelli, Antonella Celano, Valeria Corazza, Silvia Tonolo** (*Italy*)

How to integrate sex and gender medicine into medical and allied health profession undergraduate, graduate, and post-graduate education: insights from a rapid systematic literature review and a thematic meta-synthesis

**Rola Farah<sup>1</sup>, Nicola Bragazzi<sup>2</sup>** (*<sup>1</sup>Israel, <sup>2</sup>Canada*)

Chair: **Eliana Ferroni** (*Italy*)

Gender differences in sinonasal cancer in Italy: data from the Italian National Sinonasal Cancer Registry

**Alessandra Binazzi, Davide Di Marzio, Carolina Mensi, Lucia Miligi, Jana Zajacová, Paolo Galli, Roberto Calisti, Elisa Romeo, Stefano Murano, Silvia Eccher, Vera Comiati, Gabriella Madeo, Federico Tallarigo, Alessandro Marinaccio and ReNaTuNS Working Group** (*Italy*)

Gender differences in the SARS-Cov-2 epidemic in the Veneto Region, Italy  
**Laura Cestari, Eliana Ferroni, Nicola Gennaro, Michele Pellizzari, Silvia Pierobon, Elena Schievano, Ugo Fedeli, Francesco Avossa, Manuel Zorzi** (*Italy*)

How to ensure inclusivity in large-scale data studies? Lessons learned regarding sex, gender and sexual orientation in large-scale general population cohort studies  
**Aranka Ballering, Sarah Burke, Els Maeckelberghe, Judith Rosmalen** (*The Netherlands*)

Post traumatic stress disorder prevalence in women survivors of gender violence: an open question  
**Giuseppina Muratore, Roberta Barletta, Luisa Frova, Loredana Falzano, Giada Minelli, Roberta Cialesi, Alessandra Burgio, Milena Pappagallo, Anna Colucci, Andrea Piccinini, Giusy Barbara, Simona Gaudi** (*Italy*)

Gender differences in the screening of transmissible diseases with transfusion: activities of the biological qualification center of the "Cardarelli" AORN in Naples  
**Maria Gabriella De Silvio, Maria Criscuoli, Maria Rosaria De Pascale, Gesualda La Porta, Vittoria Barchiesi, Maria Ludovica Genna, Giovannina Longo** (*Italy*)

General practitioners and gender medicine: a survey from Campania (Italy)  
**Anna Castellano, Silvana Capasso, Vincenza Alfano, Francesco Marino** (*Italy*)

Pesticide exposure in girls and idiopathic premature thelarche  
**Cinzia La Rocca, Lucia Coppola, Sabrina Tait, Monia Perugini, Lorella Ciferri, Giovanni Angelozzi, Enrica Fabbrizi** (*Italy*)

Determinants of exposure to plasticisers in Italian children and adolescents  
**Cinzia La Rocca<sup>1</sup>, Sabrina Tait<sup>1</sup>, Emma Buzzigoli<sup>1</sup>, Fabrizia Carli<sup>1</sup>, Raffaele Conte<sup>1</sup>, Lucia Coppola<sup>1</sup>, Annalisa Deodati<sup>1</sup>, Veronica Della Latta<sup>1</sup>, Graziella Distante<sup>1</sup>, Enrica Fabbrizi<sup>1</sup>, Patrizia Landi<sup>1</sup>, Gabriele Lori<sup>1</sup>, Francesca Mancini<sup>2</sup>, Francesca Maranghi<sup>1</sup>, Anna Paola Pala<sup>1</sup>, Annalisa Silenzi<sup>1</sup>, Roberta Tassinari<sup>1</sup>, Giacomo Toffoli<sup>1</sup>, Stefano Cianfarani<sup>1</sup>, Amalia Gastaldelli<sup>1</sup>, Roberta Urciuoli<sup>1</sup>, Luca Busani<sup>1</sup>** (*<sup>1</sup>Italy, <sup>2</sup>France*)

Chair: **Anna Ruggieri** (*Italy*)

Gender related drivers of environmental exposure to infectious disease  
**Claudia Cataldo, Maria Bellenghi, Massimo D'Archivio, Scilla Pizzarelli, Annapaola Rizzoli, Francesca Dagostin, Robereta Masella, Luca Busani** (*Italy*)

Anti-inflammatory effects of Vitamin D in T cell immunity: sex makes a difference?  
**Daniela Peruzzu, Marina Pierdominici, Katia Fecchi, Maria Cristina Gagliardi, Elena Ortona, Maria Teresa Pagano** (*Italy*)

Multidisciplinary model for the integrated hospital-territory management of the rheumatic patient from a gender perspective (DTAP)  
**Maria Gabriella De Silvio, Paola Sabatini, Antonietta Sica, Domenica Marianna Lomazzo, Caterina Palumbo, Patrizia Amato** (*Italy*)

Sex-related effect of magnesemia on infectious diseases mortality: a retrospective case-control study  
**Isabella Zaffina, Valentina Forte, Antonietta Accoti, Mattia Massimino, Eugenio D'Amico, Francesco Andreozzi** (*Italy*)

COVID-19 vaccine-induced sex differences in monocytic gene expression  
**Johannes Knapp, Aditi Bhargava** (*USA*)

The influence of sex, age and macroarea of residence on the eating habits of Italian children and adolescents from Life Persuaded project  
**Alice Catena, Annalisa Silenzi, Luca Busani, Robereta Masella, Sabrina Tait, Rosaria Vari, Fabrizia Carli, Amalia Gastaldelli, Stefano Cianfarani, Beatrice Scazzocchio, Cinzia La Rocca** (*Italy*)

Caloric restriction, physical and creative activities against breast cancer: our pilot study  
**Aurelia Mondino, Alessandra Surace, Maria Grazia Baù, Federica Gallo, Massimiliano Bortolini, Maria Piera Mano** (*Italy*)

Preconception period in women and men undergoing assisted reproduction: a gender approach for reproductive health  
**Michela Cirillo, Maria Elisabetta Coccia, Arianna Dimmito, Cinzia Fatini** (*Italy*)

Chair: **Marialuisa Appetecchia** (*Italy*)

Change in circulating levels of endothelial progenitor cells and sexual function in women with type 1 diabetes

**Antonietta Maio, Maria Ida Maiorino, Miriam Longo, Lorenzo Scappaticcio, Vlenia Pernice, Paolo Cirillo, Paola Caruso, Vanda Amoresano Paglionico, Giuseppe Bellastella, Katherine Esposito** (*Italy*)

RNA sequencing in hypothalamic nuclei reveals distinct gene expression profiles in response to exercise and sex difference

**Robby Zachariah Tom<sup>1</sup>, Sebastian Cucuruz<sup>1</sup>, Brian Lam<sup>2</sup>, Giles Yeo<sup>2</sup>, Susanna Marie Hofmann<sup>1</sup>** (*<sup>1</sup>Germany, <sup>2</sup>United Kingdom*)

Psychosocial factors as eligibility criteria for chronic kidney disease screening in women and men in a multi-ethnic sample

**Frouke Kingma, Frédérique Voorhans, Liffert Vogt, Kitty Jager, Frans van Ittersum, Bert-Jan Van den Born, Eric Moll van Charante, Henrike Galenkamp, Vianda Stel, Irene van Valkengoed** (*The Netherlands*)

Gender differences in the prioritisation of health outcomes in diabetes: Informing gender-sensitive diabetes care

**Ann-Kristin Porth<sup>1</sup>, Yuki Seidler<sup>1</sup>, Anouk Sjoukje Huberts<sup>2</sup>, Carmen Hurtado Del Pozo<sup>3</sup>, Angèle Bénard<sup>4</sup>, David Hopkins<sup>5</sup>, David Nathanson<sup>6</sup>, Eric Sijbrands<sup>2</sup>, Katarina Eeg-Olofsson<sup>6</sup>, Kathryn Hamilton<sup>5</sup>, Yvonne Hasler<sup>7</sup>, Tanja Stamm<sup>1</sup>, Alexandra Kautzky-Willer<sup>1</sup>** (*<sup>1</sup>Austria, <sup>2</sup>The Netherlands, <sup>3</sup>USA, <sup>4</sup>Spain, <sup>5</sup>United Kingdom, <sup>6</sup>Sweden, <sup>7</sup>Switzerland*)

Chair: **Maria Teresa Ferretti** (*Switzerland*)

Sex and gender differences in migraines

**Maria Francesca Rossi, Antonio Tumminello, Carlotta Amantea, Alessandra Daniele, Maria Rosaria Gualano, Ivan Borrelli, Paolo Emilio Santoro, Umberto Moscato** (*Italy*)

The role of nutrition on Parkinson's disease: a systematic review

**Laura Rizzi<sup>1</sup>, Vittorio Bianchi<sup>2</sup>, Fahad Somaa<sup>3</sup>, Elena Bresciani<sup>1</sup>, Ramona Meanti<sup>1</sup>, Laura Molteni<sup>1</sup>, Antonio Torsello<sup>1</sup>** (*<sup>1</sup>Italy, <sup>2</sup>San Marino, <sup>3</sup>Saudi Arabia*)

Olfactory and taste disorders in long-COVID-19 syndrome: are there gender differences?

**Tiziana Ciarambino, Pietro Crispino, Ombretta Para** (*Italy*)

Sex-related differences of MMPs in neurological disorders: a new perspective for these biomarkers

**Tiziana Bellini, Maria Cristina Manfrinato, Alessandro Trentini, Massimiliano Castellazzi** (*Italy*)

Olanzapina and aloperidolo by gender differences: preliminary data

**Tiziana Ciarambino, Carolina Bologna, Eduardo Pone, Ada Maffettone, Maria D'Avino** (*Italy*)

The importance of teaming up for gender differences in care and gender equality in work

**Marina Rizzo, Fabiola Bologna, Ebba Carmela Buffone, Maria Vittoria Calloni, Rosa Maria Gaglio, Maria Antonietta Volonte, Cristina Paci** (*Italy*)

Sex and gender differences in dementia: hypotheses and strategies

**Cristina Paci, Fabiola Bologna, Ebba Carmela Buffone, Maria Vittoria Calloni, Rosa Maria Gaglio, Maria Antonietta Volonte, Marina Rizzo** (*Italy*)

Chair: **Cecilia Politi** (*Italy*)

Are sex and gender considered in head and neck cancer clinical studies and trials?

**Aurora Gaeta, Oriana D'ecclesiis, Lavinia Ghiani, Paolo Maugeri, Marta Tagliabue, Camilla Veneri, Camilla Gaiaschi, Mohssen Ansarin, Sara Gandini, Susanna Chiocca** (*Italy*)

Sex hormones and melanoma: implications of estrogen receptor  $\beta$  activity

**Rossella Puglisi, Giada Pontecorvi, Maria Bellenghi, Sabrina Tait, Valentina Tirelli, Paola Matarrese, Alessandra Carè, Gianfranco Mattia** (*Italy*)

Described differences between men and women regarding chemotherapeutic agents for treatment of small- and non-small cell lung cancer

**Alan Fotoohi, Linnéa Karlsson Lind, Diana Rydberg, Karin Schenck-Gustafsson** (Sweden)

A prospective observational study about gender differences in advanced NSCLC in the era of precision medicine

**Tiziana Vavala, Mauro Papotti, Enrica Milanese, Luisa Delsedime, Alessandra Pittaro, Paola Francia di Celle, Luisella Righi, Angela Listi, Chiara Riganti, Carmen Cristiano, Chiara Bonfadini, Francesca Arizio, Gitana Scozzari, Ida Raciti, Antonio Scarmozzino, Umberto Ricardi, Libero Ciuffreda, Silvia Novello** (Italy)

A preliminary retrospective evaluation about gender differences in molecular biology of advanced non small cell lung cancer patients in a single institution

**Enrica Milanese, Tiziana Vavala, Agostino Ponzetti, Carmen Cristiano, Chiara Bonfadini, Sara Bustreo, Laura Fanchini, Roberto Filippi, Patrizia Lista, Patrizia Racca, Giuliana Ritorto, Maria Antonietta Satolli, Rosella Spadi, Silvana Storto, Maria Maddalena Demichelis, Bruno Castellino, Tiziana Scirelli, Gitana Scozzari, Ida Raciti, Umberto Ricardi, Mauro Papotti, Antonio Scarmozzino, Libero Ciuffreda** (Italy)

Trends in women's leadership of oncology clinical trials

**Ithai Waldhorn, Tomer Meirson, David Bomze** (Israel)

Chairs: **Andrea Cignarella** (Italy), **Luigia Trabace** (Italy)

Lymphedema, water-based exercise and gender: a scoping review of current literature

**Maria Chiara Maccarone<sup>1</sup>, Erika Venturini<sup>1</sup>, Erica Menegatti<sup>1</sup>, Sergio Giancesini<sup>1,2</sup>, Stefano Masiero<sup>1</sup>** (Italy, <sup>2</sup>USA)

Gender differences in Italian pediatric obese subjects

**Isabella Tarissi De Jacobis, Elena Inzaghi, Annalisa Deodati, Annalisa Grandin, Alberto Villani** (Italy)

Reintroduction of n-3 polyunsaturated fatty acids in adulthood partially reverts deficits established in young life: relevance for depressive-like state in female rats

**Maria Bove, Luigia Trabace** (Italy)

The role of androgens in women's health and wellbeing

**Elena Bresciani<sup>1</sup>, Vittorio Bianchi<sup>2</sup>, Laura Rizzi<sup>1</sup>, Ramona Meanti<sup>1</sup>, Antonio Torsello<sup>1</sup>** (Italy, <sup>2</sup>San Marino)

Gender-based evaluation of the effect of mitotane on total cholesterol, HDL, LDL and triglycerides levels in patients with adrenocortical carcinoma

**Sarah Allegra, Soraya Puglisi, Chiara Bonin, Francesco Chiara, Vittoria Basile, Anna Calabrese, Giuseppe Reimondo, Silvia De Francia** (Italy)

Atopic dermatitis and gender: the Aretusea experience of Dupilumab

**Sabrina Regolo, Michela Cirillo, Manuela Cuconato, Maria Gabriella De Silvio, Cinzia Fatini** (Italy)

Chair: **Margarethe Hochleitner** (Austria)

Male postpartum depression: the hidden diagnosis

**Francesco Monaco, Annarita Vignapiano, Maria Carla Ferrillo, Anna Maria Tridente, Martina Castellana, Giulio Corrivetti** (Italy)

Focus on iron deficiency: an underestimated problem with a major impact on women's health

**Nadia Maria Sposi** (Italy)

Integrating gender specific-care in university hospitals in Italy - A pilot project

**Tiziana Vavala, Gitana Scozzari, Ida Raciti, Libero Ciuffreda, Antonio Scarmozzino** (Italy)

A gender equity assessment tool for prevention plan of Italian Regions: a pilot study

**Virginia Casigliani, Aurelia Salussolia, Giusy La Fauci, Giorgia Soldà, Alessandro Berti, Ester Bonanno, Veronica Gallinoro, Clara Mazza, Francesca Grosso** (Italy)

Gender related aspects of patient blood management

**Maria Gabriella De Silvio, Maria Ludovica Genna, Gesualda Laporta, Lucia De Rosa, Giuseppe Mascia, Flora Ascione, Maria Criscuoli, Maria Rosaria De Pascale** (*Italy*)

Variance of biophotonic emission by the iris in Gender Medicine (pilot study)

**Daniele Lo Rito, Daniele Gullà** (*Italy*)

Aggressiveness in bipolar disorder: when gender differences mismatch common thinking

**Elena Manfredi, Francesco Attanasio, Valentina Fazio, Federica Mazzi, Melania Maccario, Matteo Carminati, Cristina Colombo, Raffaella Zanardi** (*Italy*)

Chair: **Mia von Euler** (*Sweden*)

Women experience a greater burden of illness compared to men with similar levels of hidradenitis suppurativa severity

**Tonia Samela, Anna Dattolo, Giorgia Cordella, Valeria Antinone, Simona Mastroeni, Roberta Fusari, Luca Fania, Damiano Abeni** (*Italy*)

Gender differences in emotions and feelings at diagnosis in patients with bullous diseases

**Francesca Sampogna, Silvia Battisti, Chiara Scarpulla, Valentina Battisti, Federica Cosenza, Carola Pulvirenti, Giuseppe Formato, Damiano Abeni** (*Italy*)

Sex and gender differences in depressive symptoms in a multi-ethnic population: the HELIUS study

**Bryn Hummel, Sharon Stobbelaar, Paula Mommersteeg, Henrike Galenkamp, Anja Lok, Irene van Valkengoed** (*The Netherlands*)

Women in exercise and sport research and publication: A quantitative and qualitative exploration of the gender gap

**Suzanne Ryder<sup>1</sup>, Giovanni Piva<sup>1</sup>, Anna Crepaldi<sup>2</sup>, Sofia Straudi<sup>1</sup>, Nicola Lamberti<sup>1</sup>, Fabio Manfredini<sup>1</sup>** (*Italy, <sup>2</sup>Spain*)

Chair: **Celine Miani** (*Germany*), **Kateryna Ostrovska** (*Ukraine*)

Measuring psychological wellbeing in women and men with skin conditions

**Tonia Samela, Giorgia Cordella, Valeria Antinone, Paride Sarandrea, Damiano Abeni** (*Italy*)

Gender-specific differences in dealing with cancer

**Anahita Paula Rassoulian** (*Austria*)

"Care" in complementary and alternative medicine and gender studies

**Aline Sigrist, Elodie Richardet** (*Switzerland*)

Gender specific health differences in family caregivers with high level of care burden: a pilot study

**Marina Petrini, Marta Borgi, Flavia Chiarotti, Antonio D'Amore, Aldina Venerosi, Francesca Cirulli, Daniele Cordella, Robereta Masella, Elena Ortona, Alessandra Carè** (*Italy*)

Eating disorder symptoms as a risk factor for hypoactive sexual desire disorder in women: a pilot-study

**Elisa Maseroli, Sarah Cipriani, Linda Vignozzi** (*Italy*)

Chair: **Nikola Komlenac** (*Austria*)

Well-being and health of transgender people: a national survey on training needs for general practitioners

**Angela Ruocco, Luciana Giordani, Luisa Brogonzoli, Rosa Pedale, Maurizio Cancian, Ignazio Grattagliano, Claudio Cricelli, Rosaria Iardino, Matteo Marconi, Marina Pierdominici** (*Italy*)

Health status of the adult Italian transgender population: a preview of lifestyle and nutritional habits  
**Maria Teresa Pagano<sup>1</sup>, Camilla Cittadini, Lucrezia Gambardella, Luciana Giordani, Matteo Marconi, Paola Matarrese, Flavia Chiarotti, Angela Ruocco, Stefania Bonadonna, Francesco Lombardo, Cristina Merigliola, Maddalena Mosconi, Giovanna Motta, Alessandro Oppo, Jiska Ristori, Alessandra Daphne Fisher, Marina Pierdominici, Carmela Santangelo** (*Italy*)

Psychological wellbeing and perceived social acceptance in gender diverse individuals  
**Alessia Romani, Francesca Mazzoli, Jiska Ristori, Carlotta Cocchetti, Emanuele Cassioli, Giovanni Castellini, Maddalena Mosconi, Cristina Merigliola, Sara Gualdi, Guido Giovanardi, Vittorio Lingiardi, Mario Maggi, Linda Vignozzi, Alessandra Daphne Fisher** (*Italy*)

Development of animal models as tools for risk assessment of transgender people: preliminary results  
**Roberta Tassinari, Alessia Tammaro, Gabriele Lori, Andrea Martinelli, Luigia Cangemi, Paolo Frassanito, Flavio Montrucchio, Francesca Maranghi** (*Italy*)

Effects of hormonal treatment on dermatological outcome in transgender people: a multicentric prospective study (ENIGI)

**Carlotta Cocchetti<sup>1</sup>, Giovanni Castellini<sup>1</sup>, Mario Maggi<sup>1</sup>, Alessia Romani<sup>1</sup>, Linda Vignozzi<sup>1</sup>, Yona Greenman<sup>2</sup>, Martin den Heijer<sup>3</sup>, Guy T'Sjoen<sup>4</sup>, Alessandra D. Fisher<sup>1</sup>** (*Italy, <sup>2</sup>Israel, <sup>3</sup>The Netherlands, <sup>4</sup>Belgium*)

Chair: **Marina Pierdominici** (*Italy*)

What do psychologists 'do' in UK gender identity clinics?  
**Igi Moon** (*United Kingdom*)

Sexual habits among Italian transgender adolescents: a cross-sectional study  
**Jiska Ristori, Eleonora Rossi, Carlotta Cocchetti, Francesca Mazzoli, Giovanni Castellini, Linda Vignozzi, Valdo Ricca, Mario Maggi, Alessandra D. Fisher** (*Italy*)

Apparent autistic traits in transgender people: a prospective study of the impact of gender-affirming hormonal treatment

**Francesca Mazzoli, Emanuele Cassioli, Jiska Ristori, Giovanni Castellini, Eleonora Rossi, Alessia Romani, Carlotta Cocchetti, Guido Giovanardi, Maddalena Mosconi, Vittorio Lingiardi, Anna Maria Speranza, Valdo Ricca, Linda Vignozzi, Mario Maggi, Alessandra D. Fisher** (*Italy*)

Transgender: minority within a minority. A survey among students of the health professions courses of the University of Ferrara, Italy

**Rosaria Cappadona, Giulia Di Bari, Eurika Bolognesi, Mara Tormen, Sara Puzzarini, Sara Vecchiattini, Pantaleo Greco** (*Italy*)

Chair: **Caterina Ermio** (*Italy*)

Analysis of chronic pain in outpatient and sex differences in pain perception  
**Matteo Mordegli, Valeria Maria Messina** (*Italy*)

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**Moustafa H. Fouad, Amanpreet Kaur, Maria Natashini Rajah, Louise Pilote, Hassan Behloul, Zahra Azizi** (*Canada*)

A sex and gender-differentiated approach in psychiatric care: widening horizons

**Giuseppe Basile, Susanna Marinelli** (*Italy*)

Gender specific medicine and general medicine

**Valeria Maria Messina, Loreley Bianconi, Annamaria Municinò** (*Italy*)



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