

Welcome!

Dear Friends and Colleagues,
I am pleased to announce the First Congress of VITARES,
Veterinary Immunotherapy and Translational Research.

Public health initiatives such as One Health demonstrate the growing awareness of the fact that animal and human health are strongly interconnected with each other and with the environment. Zoonotic pathogens and Cancer represent a direct hazard to Veterinary and Human Health. This meeting brings together Basic research, Veterinary and Human Medicine Scientists involved in the field of Immunology, Oncology and Education, aiming at creating networks of collaboration. Internationally renowned scientists from Italy and abroad will provide the State of the Art and present their most recent data in a highly stimulating scientific environment.

Topics will range from the importance of Preclinical Models for Basic and Applied Science, Veterinary and Human Oncology and Immunologic therapies side by side and the impact of Environment. Furthermore, a discussion will take place on some of the most current aspects and societal implications of the Translational Medicine.

We are sure that you will enjoy very much this exciting Congress and look forward to meeting you in Rome.

Luigi Aurisicchio
VITARES President

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27 February - 1 March, 2019 | Rome, Italy



1st VITARES Annual Meeting

VITARES Research Institute
Via di Castel Romano 100, Rome



Promoting One Health Approach

Preclinical models for Cancer Immunotherapy

New treatments in Veterinary Oncology

Evolving topics in Veterinary Immunotherapy

Trends in Human Immunotherapy

Day 1 February 27th 2019

09.00-10.00 Registration

SESSION 1

Promoting One Health Approach

- 09.30 Introduction and Conference Objectives, **Luigi Aurisicchio** (VITARES, Rome, Italy)
- 09.40 SPERA: le Ragioni della Ricerca, **Annarita Wirz** (SPERA and Fondazione S. Lucia, Rome, Italy)
- 10.00 The Importance of Scientific journalism and correct communication, **Enrica Battifoglia** (ANSA, Italy)
- 10.20 VITARES Magazine for One Health, **Erika Salvatori** (Evvivax, Rome, Italy)
- 10.40 Research and development of immunotherapeutic drugs in Veterinary and Comparative Oncology, **Paolo Pasquali** (Istituto Superiore di Sanità, Roma)
- 11.10 Preclinical safety of vaccines- the point of view of the CRO, **Isabella Andreini** (Research Toxicology Center, Pomezia)
- 11.30 Coffee Break

SESSION 2

Preclinical models for Cancer Immunotherapy

Chairperson: **Luigi Aurisicchio**

- 12.00 The Importance of Preclinical Models for Cancer Research, **Luigi Aurisicchio** (VITARES, Rome, Italy)
- 12.40 Modelling cancer immunotherapy in mice: the prostate cancer lesson, **Matteo Bellone** (Ospedale San Raffaele, Milan and NIBIT, Italy)
- 13.30 Lunch Break
- 14.30 Of Mice and Zebrafish: shedding light for Oncology Research, **Giulia Piaggio** (Istituto Regina Elena, Roma, Italy)
- 15.00 T regulatory cells and Immunosuppression in cancer: evidences in preclinical models, **Silvia Piconese** (La Sapienza University, Rome, Italy)
- 15.40 Neoantigen Cancer Vaccines, **Fabio Palombo** (Takis Biotech, Rome)
- 16.20 Adoptive CAR T cells: from conception to clinical trials, **Concetta Quintarelli** (Ospedale Pediatrico Bambin Gesù, Rome, Italy)

- 17.00 Preclinical Models and Drug development, **Rita De Santis** (Alfasigma, Pomezia, Italy)
- 17.30 Overview of global One Health initiatives, **Cheryl Stroud**, DVM, PhD Executive Director (One Health Commission, USA) via Skype
- 18.00 End of Day 1

Day 2 February 28th 2019

SESSION 3

New treatments in Veterinary Oncology

Chairperson: **Luigi Aurisicchio**

- 09.00 Unleashing Canine Comparative Oncology, **Federica Cavallo** (University of Turin, Italy)
- 09.40 Electrochemotherapy: experience at the University of Pisa, **Petra Simčič** (University of Pisa, Italy)
- 10.10 Etiology and Clinical features of K9 Lymphoma, **Alessandra Gavazza** (University of Camerino, Italy)
- 10.50 Break
- 11.15 Safety and Efficacy of Electrochemotherapy: our experience in Rome, **Daniela Mignacca** (Clinica Veterinaria Roma Sud, Roma)
- 11.45 Electro-Chemo-Immuno Therapy: activating local and systemic immunity, **Luigi Aurisicchio** (VITARES, Rome, Italy)
- 12.15 New approaches in Veterinary Oncology, **Joseph A. Impellizeri** DVM, DACVIM (Oncology), MRCVS (Veterinary Oncology Services, New York, USA)
- 13.00 Lunch

SESSION 4

Evolving topics in Veterinary Immunotherapy

Chairperson: **Joseph A. Impellizeri**

- 14.00 Cancer Immunotherapy: Helping Snoopy to help Charlie Brown, **Luigi Aurisicchio** (VITARES, Rome, Italy)
- 14.40 Veterinary Oncology: a Nurses' Perspective, **Elisa Sanchez Strauss** BS, LVT, CMT,ESMT (Veterinary Oncology Services, New York, USA)
- 15.00 CSPG4 Hybrid plasmid-based vaccines for comparative oncology studies, **Federica Cavallo** (University of Turin, Italy)

- 15.40 Electroporation: a 2019 Update on Electrochemotherapy and Electrotransfer – the U.S. Veterinary Experience, **Joseph A. Impellizeri** DVM, DACVIM (Oncology), MRCVS (Veterinary Oncology Services, New York, USA)
- 16.20 CAR-T cells for dogs, **Nicola Mason** (VetPenn, Philadelphia, USA) via Skype
- 17.00 Development of a RSV Vaccine, **Alessandra Vitelli** (Reither, Rome)
- 17.30 Multiplex approaches for Veterinary applications: optimizing turnaround time, costs and sample, **Carlo Colombo** (Prodotti Gianni, Milano)
- 17.45 Plaisant, evoluzione di un'azienda, dalla stabulazione al sostegno della ricerca biomedica, **Laura Tatangelo** (Plaisant, Roma)
- 18.00 End of Day 2

Day 3 March 1st, 2019

SESSION 5

Trends in Human Immunotherapy

Chairperson: **Gennaro Ciliberto**

- 09.00 Towards precision immunotherapy, **Gennaro Ciliberto** (Istituto Regina Elena, Roma, Italy)
- 09.30 Deciphering the tumor microenvironment in the new era of Immuno -Oncology, **Paola Nisticò** (Istituto Regina Elena, Roma)
- 10.00 Diagnostic tools in Veterinary Oncology, **Francesca Millanta** (University of Pisa, Italy)
- 10.30 Coffee Break
- 11.00 Targeting the Cell Cycle machinery, **Antonio Giordano** (Temple University and SBHRO, Philadelphia, USA)
- 11.30 Immunotherapy for Melanoma: present and future, **Antonio Grimaldi** (Istituto Tumori Pascale, Napoli, Italy)
- 12.00 Personalised Cancer Vaccines: HEPAVAC and beyond, **Luigi Buonaguro** (Istituto Tumori Pascale, Napoli, Italy)
- 12.30 Immunoscore: predictive response and clinical relevance, **Giosuè Scognamiglio** (Istituto Tumori Pascale, Napoli, Italy)
- 13.00 Closing remarks, **Luigi Aurisicchio**
- 13.15 Lunch

