STEFANO INDRACCOLO

Education/Training

University of Padova, 1990, M.D.
University of Padova, 1994, post-graduate specialization (Oncology)

Foreign languages

English, fluent
German, fluent

Visiting Fellowships

1992-1993: Institute of Molecular Virology (Prof. V. Erfle), GSF-Forschungszentrum, Munich, Germany (now Helmholtz Zentrum).
1995: Institute of Molecular Virology (Prof. W.H. Gűnzburg), GSF-Forschungszentrum, Munich, Germany.

Professional Positions

1993-2005: Researcher, National Cancer Institute (IST), Genova, Italy.
2006 to present: Group Leader, Istituto Oncologico Veneto (IOV) – IRCCS*, Padova, Italy

*IOV is a comprehensive cancer center and a member of OECI.

Teaching activity

1999-2005: Lectures at the Postgraduate School of Oncology, University of Padua
2006-2011: Lectures in General Pathology to the students of obstetrics at the Padua University Medical School.
1999-present: Member of the Scientific Executive Committee of the Doctorate School in Oncology and Surgical Oncology, University of Padua
2007-2010: Member of the Scientific Executive Committee of the Doctorate School in Biological and Clinical Applications of Stem Cells, University of Verona

Member of the following scientific societies:

- Società Italiana di Cancerologia (SIC)
- European Association for Cancer Research (EACR)

- European Society of Gene Therapy (ESGT) – member of the cancer scientific committee from 2002 to 2005

Reviewer and Expert services:
Reviewer for a number of scientific journals including Gene Therapy, Human Gene Therapy, Cancer Gene Therapy, Blood, Leukaemia, British Journal of Haematology, Haematologica, International Journal of Cancer, Journal of the National Cancer Institute, Cancer Research, Clinical Cancer Research, Molecular Cancer Research, Oncogene, Cancer Letters, Cell Death & Differentiation, PNAS, Nature Rev Cancer.

Reviewer for the following funding agencies:
- Italian Ministry of Health
- Italian Ministry of Education and Research
- Foundation Cariverona
- Skolkovo Foundation (Russia)
- ZonMw (Netherlands), Methusalem Program 2007 KU - Leuven (B)
- United States - Israel Bi-national Science Foundation (BSF)
- Swiss National Science Foundation (SWI)
- Fondation contre le Cancer (B)
- Research Council KU Leuven (B)

Academic appointments:
- 6th Dec 2013: Faculty opponent at Dept of Microbiology, Tumor and Cell Biology, Karolinska Institutet, Stockholm, Sweden of the Ph.D Thesis "Role of angiogenesis in cancer invasion and metastasis" by Pegah Rouhi.
- 2014-2029 Italian Academic Habilitation as full professor (sector 06/A2)

Research Projects:
Stefano Indraccolo received support from several national and international funding agencies (Ministry of Health, University of Padova, Foundation Cariparo, Banco Popolare di Verona, EU FP4, AIRC) and had research agreements in place with several pharmaceutical companies (Astra-Zeneca, Hoffmann La Roche, Oncomed Pharmaceuticals Inc., KYMAB ltd.).

Research interests
Stefano Indraccolo's scientific activity spans a >20-year period, and focused on Experimental Immunology and Oncology. Following the M.D., he initially participated to studies on the mechanisms of B cell activation during immunodeficiency and their implications for lymphoma development. In the late 90's, he conducted studies in the field of gene therapy of cancer, focusing initially on issues related to the improvement of retroviral vectors and subsequently on the delivery of anti-angiogenic genes for gene therapy of cancer.
In the last ten years, Stefano Indraccolo has contributed to the field of tumor angiogenesis by understanding the mechanisms of angiogenesis-dependent tumor dormancy by uncovering the role of NOTCH signaling in the regulation of tumor dormancy. The Indraccolo lab was among the first to describe the metabolic effects of VEGF blockade in experimental models of ovarian cancer and recently

described a stable modulation of glycolysis in tumors treated with anti-VEGF drugs. The lab is currently investigating the possible mechanisms behind this metabolic shift and possible therapeutic implications of this seminal observation.

Author of 156 scientific documents published in ISI-JCR referenced journals; 4285 citations; H-index = 38 (source: Scopus 15 Jan 2020).

Padova, January 15th 2020

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