

CURRICULUM VITAE - Dr. Enza Lonardo (MSc, PhD)

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Naples, Italy

Work phone number:

Personal phone number:

Date and place of birth: 21st March, 1980 - Naples, Italy

Citizenship: Italian

EDUCATION

MSc	University	Date
Plant Biotechnology	University “Federico II” of Naples	13/12/2003
PhD	University	Date
Medicine Biotechnology	University "Federico II" of Naples	11/01/2008

RESEARCH EXPERIENCE

February 12nd 2017 – present: Head of Gastrointestinal Cancer Laboratory at the Institute of Genetics and Biophysics “A. Buzzati Traverso” (IGB, Naples, Italy)

November 1st 2012 – 31st January 2017: Postdoctoral fellow in Colorectal Cancer Laboratory led by Prof. Eduard Batlle at Institute for Research in Biomedicine (IRB, Barcelona, Spain)

May 1st 2009- April 30nd 2012: Postdoctoral fellow in Stem Cells and Cancer Research Group led by Prof. Christopher Heeschen at Spanish National Cancer Research Center (CNIO, Madrid, Spain)

2008-2009: Postdoctoral fellow in the group of Dr. Gabriella Minchiotti at the Institute of Genetics and Biophysics “A. Buzzati Traverso” (IGB, Naples, Italy)

2004-2008: PhD student in the group of Dr. Gabriella Minchiotti at the Institute of Genetics and Biophysics “A. Buzzati Traverso” (IGB, Naples, Italy)

2001-2003: Master Student in the group of Dr. Roderto Defez at the Institute of Genetics and Biophysics “A. Buzzati Traverso” (IGB, Naples, Italy)

AWARDS AND FELLOWSHIPS

2019: Awarded with “Premio Luigi Riccio” (Naples, Italy)

2017: Awarded with “Premio Giovani Biologi”, Rotary Club (Naples, Italy)

2017-2019: Awarded with “Marie Curie Individual Fellowship” (score: 92.5)

2015: Awarded with “Premio Carmen Lavigne Hinojosa” (Malaga, Spain)

2015-2021: Eligible as Associate Professor in Molecular Biology “II Fascia”, 05/E2 ASN DD n.161/2013, (Italy)

2012-2017: IRB Postdoctoral Fellow at Institute for Research in Biomedicine (IRB, Barcelona, Spain)

2009-2011: Roche Postdoctoral Fellow at Spanish National Cancer Research Center (CNIO, Madrid)

2009: Eligible (score: 79,35/100) as Research for a permanent position at CNR, competition n.364.97, Scientific área F.1

2005-2009: Telethon Research fellow at IGB

2004-2005: GEAR Research fellow at IGB

GRANTS OBTAINED

Name of the project: Targeting the cancer stem cells tumor microenvironment crosstalk to improve pancreatic cancer prognosis **Head researcher:** Enza Lonardo **Funding body:** My First AIRC Grant (MFAG) **Start date:** 01/01/2018 **End date:** 31/12/2023 **Grant agreement No:** 20206 **Total amount:** 478000 €

Name of the project: TGF-beta mediated crosstalk between cancer (stem) cells and tumor microenvironment in pancreatic cancer metastasis) **Head researcher:** Enza Lonardo **Funding body:** Marie Skłodowska-Curie Individual Fellowships (IF-EF) **Start date:** 12/02/2017 **End date:** 11/02/2019 **Grant agreement No:** 703753 **Action acronym:** PDA_TGFb **Total amount:** 180277.20 €

Name of the project: Molecular characterization and targeted elimination of the TGF-beta-driven metastasis niche by colorectal cancer stem cells (CRC-SCs) **Head researcher:** Enza Lonardo **Funding body:** Fundacion AECC Investigacion contra el cáncer **Start date:** 2013 **End date:** 2018 **Total amount:** 135000 €

Name of the project: Molecular characterization and targeted elimination of the TGF-beta-driven metastasis niche by colorectal cancer stem cells (CRC-SCs) **Head researcher:** Enza Lonardo **Funding body:** Fundació Privada Olga Torres **Start date:** 2013 **End date:** 2015 **Total amount:** 60000 €

Name of the project: Molecular characterization of cancer stem cells for the development of novel targeted treatment modalities **Role in the project:** Researcher **Head researcher:** Enza Lonardo and Christopher **Participating bodies:**

Centro Nacional de Investigaciones Oncológicas **Funding body:** Roche Farma, S.A. **City:** Madrid, Community of Madrid, Spain **Start date:** 2009 **End date:** 2011 **Total amount:** 175000 €

COURSES AND TRAININGS

Director at 1st edition of “Wine&Science” national school, Istituto di Scienze Applicate e Sistemi Intelligenti "Eduardo Caianiello" (ISASI) - Consiglio Nazionale delle Ricerche (CNR), Pozzuoli (NA), Italy, 2018.

Organizer at “Talk&Drinks”, Institute of Genetics and Biophysics, Naples, Italy, 2017-2018.

Lecturer at CNIO Summer training, CNIO, Madrid, Spain, August 20, 2009.

Lecturer and instructor at 3rd edition of “Stem cell training course”, Institute of Genetics and Biophysics, Naples, Italy, 10–13 June, 2008.

Lecturer and instructor at 2nd edition of “Stem cell training course”, Institute of Genetics and Biophysics, Naples, Italy, 29 May–1 June, 2007.

Lecturer and instructor at “Stem cell training course”, Institute of Genetics and Biophysics, Naples, Italy, 29 May-1 June, 2006.

PARTECIPATION IN R&D PROJECTS

Name of the project: Development of novel therapeutic approaches for treatment- resistant neoplastic diseases (acronym: SATIN) **Institute:** IGB-CNR **City:** Naples, Italy **Funding body:** POR. **Head(s) researcher(s):** 12 partners **Start date:** 2018 **End date:** 2020 **Total amount:** 15,000,000 €

Name of the project: Novel strategies to target the acquisition of mesenchymal traits in cancer cells and prevent tumor dissemination **Institute:** IGB-CNR **City:** Naples, Italy **Funding body:** AIRC. **Head(s) researcher(s):** Gabriella Minchiotti **Start date:** 2018 **End date:** 2023 **Total amount:** 400000 €

Name of the project: Functional characterization of a core adult stem cell program in the intestinal epithelium and analysis of its role during colorectal cancer relapse and metastasis. **Institute:** Institute for Research in Biomedicine (IRB) **City:** Barcelona, Spain **Funding body:** Red Temática de Investigación Cooperativa en Cáncer (RTICC). Institute of Health Carlos III **Head(s) researcher(s):** Eduard Batlle **Start date:** 2013 **End date:** 2017 **Total amount:** 75000 €

Name of the project: Functional characterization of a core adult stem cell program in the intestinal epithelium and analysis of its role during colorectal cancer relapse and metastasis. **Institute:** Institute for Research in Biomedicine (IRB) **City:** Barcelona, Spain **Funding body:** Spanish Ministry of Science and Innovation. SAF2011-27068 **Head(s) researcher(s):** Eduard Batlle **Start date:** 01/01/2012 **End date:** 31/12/2014 **Total amount:** 471.900 €

Name of the project: A phenotypic and functional comparison of colon stem cells and colorectal cancer stem cells. **Institute:** Institute for Research in Biomedicine (IRB) **City:** Barcelona, Spain **Funding body:** Worldwide Cancer Research (formerly AICR: Association for International Cancer Research) AICR 12-1209 **Head(s) researcher(s):** Eduard Batlle **Start date:** 01/09/2013 **End date:** 31/08/2015 **Total amount:** 291.135 €

Name of the project: A genome editing-based approach to study the stem cell hierarchy of human colorectal cancers
Institute: Institute for Research in Biomedicine (IRB) **City:** Barcelona, Spain **Funding body:** European Research Council -FP7. ERC-AdvG 340176 - editCRC **Head(s) researcher(s):** Eduard Batlle **Start date:** 01/04/2014 **End date:** 01/03/2019 **Total amount:** 2.499.405 €

Name of the project: Targeting the tumour microenvironment to improve pancreatic cancer prognosis **Institute:** Centro Nacional de Investigaciones Oncológicas (CNIO) **City:** Madrid, Spain **Funding body:** EPC-TM -Net **Head(s) researcher(s):** Christopher Heeschen **Start date:** 2011 **End date:** 2012

Name of the project: Pa-CSC: Molecular characterization and targeted elimination of Pancreatic Cancer Stem Cells **Institute:** Centro Nacional de Investigaciones Oncológicas (CNIO) **City:** Madrid, Spain **Funding body:** ERC Advanced Grant **Head(s) researcher(s):** Christopher Heeschen **Start date:** 2009 **End date:** 2014

Name of the project: Training of young researchers for the industrial sector of research development in the area of the structural and functional genomic **Institute:** IGB-CNR **City:** Naples, Italy **Funding body:** GEAR **Head(s) researcher(s):** Graziella Persico **Number of participating researchers:** 2 **Start date:** 2004 **End date:** 2005

Name of the project: Identification and characterization of molecules involved in stem cell differentiation **Institute:** IGB-CNR **City:** Naples, Italy **Funding body:** Telethon **Head(s) researcher(s):** Gabriella Minchiotti **Start date:** 2005 **End date:** 2007

Name of the project: A novel role of the EGF#CFC Cripto in muscle regeneration and disease **Institute:** IGB-CNR **City:** Naples, Italy **Funding body:** Telethon **Head(s) researcher(s):** Gabriella Minchiotti **Number of participating researchers:** 7 **Start date:** 2008 **End date:** 2010 **Total amount:** 261.800

Name of the project: Identification and characterization of molecules involved in stem cell differentiation **Institute:** CNR-IGB **City:** Naples, Italy **Funding body:** Telethon **Head(s) researcher(s):** Gabriella Minchiotti **Start date:** 2006 **End date:** 2009

PUBLICATIONS

Peer reviewed Articles

1. Riso V., Cammisa M., Kukreja H.#, Anvar Z., Verde G., Sparago A., Acurzio B., Lad S., **Lonardo E.**, Sankar A., Helin K., Feil R., Fico A., Angelini C., Grimaldi G. and Riccio A. “ZFP57 maintains the parent-of-origin-specific expression of the imprinted genes and differentially affects non-imprinted targets in mouse embryonic stem cells”. **Nucleic Acid Research**. 2016 Sep 30;44(17):8165-78. doi: 10.1093/nar/gkw505. **IF: 8.867; Total citations: 6**
2. **Lonardo E.***, Cioffi M., Sancho P., Crusz S. and Heeschen C. “Studying pancreatic cancer stem cell characteristics for developing new treatment strategies” **Journal of Visualized Experiments**. 2015 Jun 20;(100):e52801. * *Corresponding and First author.* . **IF: 1.325 ; Total citations: 12**
3. Cioffi M., Trabulo SM., Sanchez-Ripoll Y., Miranda-Lorenzo I., **Lonardo E.**, Dorado J., Reis Vieira C., Ramirez JC., Hidalgo M., Aicher A., Hahn S., Sainz B. Jr, Heeschen C. “The miR-17-92 cluster counteracts quiescence and chemoresistance in a distinct subpopulation of pancreatic cancer stem cells”. **Gut**. 2015 Apr 17. pii: gutjnl-2014-308470. **IF: 14.66 ; Total citations: 61**
4. Calon A., **Lonardo E.**, Berenguer-Llargo A., Espinet E., Hernando-Momblona X., Iglesias M., Sevillano M., Palomo-Ponce S., Tauriello DV., Byrom D., Cortina C., Morral C., Barceló C., Tosi S., Riera A., Attolini CS., Rossell D., Sancho E., Batlle E. “Stromal gene expression defines poor-prognosis subtypes in colorectal cancer”. **Nature Genetics**. 2015 Apr;47(4):320-9. **IF: 29.65 ; Total citations: 313**

- “News & Views” in *Cancer Discovery* (doi: 10.1158/2159-8290.CD-RW2015-041),
→“News & Views” in *Nature Reviews Clinical Oncology* (doi: 10.1038/nrclinonc.2015.45)
→“News & Views” in *Nature Reviews Cancer* (doi:10.1038/nrc3935)
→“News & Views” in *Nature Reviews Gastroenterol Hepatol* (doi: 10.1038/nrgastro.2015.57)
5. Miranda-Lorenzo I., Dorado J., **Lonardo E.**, Alcalá S., Serrano AG., Clausell-Tormos J., Cioffi M., Megias D., Zagorac S., Balic A., Hidalgo M., Erkan M., Kleeff J., Scarpa A., Sainz B. Jr and Heeschen C. “Intracellular autofluorescence: a biomarker for epithelial cancer stem cells”. **Nature Methods**. 2014 Nov 11; (11):1161-9 **IF:25.953; Total citations: 92**
 6. **Lonardo E.**, Cioffi M., Sancho P., Sanchez-Ripoll Y., Trabulo SM., Dorado J., Balic A., Hidalgo M. and Heeschen C. “Metformin targets the metabolic Achilles heel of human pancreatic cancer stem cells”. **PLoS One**. 2013 Oct 18;8(10):e76518 **IF:3.534; Total citations: 101. First author**
 7. Guardiola O., Lafuste P., Brunelli S., Iaconis S., Touvier T., Mourikis P., De Bock K., **Lonardo E.**, Andolfi G., Bouché A., Liguori GL., Shen MM., Tajbakhsh S., Cossu G., Carmeliet P., Minchiotti G. “Cripto regulates skeletal muscle regeneration and modulates satellite cell determination by antagonizing myostatin.”. **Proc Natl Acad Sci U S A**. 2012 Nov 20;109(47):E3231-40. **IF:9.809; Total citations: 21**
 8. **Lonardo E.**, Frias-Aldeguer J., Hermann PC. and Heeschen C. “Pancreatic stellate cells form a niche for cancer stem cells niche and promote their self-renewal and invasiveness”. **Cell Cycle**. 2012 Apr 1;11(7):1282-90. **IF:5.006; Total citations: 128. First author**
 9. **Lonardo E.**, Hermann PC., Mueller MT., Huber S., Balic A., Miranda-Lorenzo I., Zagorac S., Alcalá S., Rodriguez-Arabaolaza I., Ramirez JC., Torres-Ruiz R., Garcia E., Hidalgo M., Cebrian DA., Heuchel R., Lohr M., Berger F., Bartenstein P., Aicher A. and Heeschen C. “Nodal/Activin Signaling Drives Self-Renewal and Tumorigenicity of Pancreatic Cancer Stem Cells and Provides a Target for Combined Drug Therapy”. **Cell Stem Cell**. 2011 Nov 4;9(5):433-46. **IF:25.943; Total citations: 253. First author**
→“News & Views” in *Cell Stem Cell* 9(5) pp. 383 – 384.
→The article was qualified as exceptional by the reviewers of *the_faculty_of_1000* (<http://f1000.com/prime/13387962>)
 10. **Lonardo E.**, Parish C., Ponticelli S., Marasco D., De Falco S., Ruvo M., Arenas E. and Minchiotti G. “A small synthetic peptide improves dopaminergic differentiation of mouse embryonic stem cells and cell replacement therapy for Parkinson’s disease”. **Stem Cells**, 2010 Jul 16; 28(8):1326-1337. **IF:8.632; Total citations: 31. First author**
 11. Romito A., **Lonardo E.**, Roma G., Minchiotti G., Ballabio A. and Cobellis G. “Lack of Sik1 in mouse embryonic stem cells impairs cardiomyogenesis by down-regulating the cyclin-dependent kinase inhibitor p57kip2”. **PLOS One**, 2010 Feb 3; 5(2): e9029. **IF:4.610; Total citations: 29**
 12. Bianco C., Cotten C., **Lonardo E.**, Strizzi L., Mancino M., Gonzales M., Watanabe K., Nagaoka T., Berry C., Arai AE., Minchiotti G. and Salomon D. S. A. “Cripto-1 is required for hypoxia to induce cardiac differentiation of mouse embryonic stem cells”. **The American Journal of Pathology**, 2009 Nov; 175(5): 2146-2158. **IF:5.971; Total citations: 44**
 13. D’Aniello C., **Lonardo E.**, Iaconis S., Guardiola O., Liguoro AM., Liguori GL., Autiero M., Carmeliet P. and Minchiotti G. “G protein-coupled receptor APJ and its ligand apelin act downstream of Cripto to specify

embryonic Stem Cells toward the cardiac lineage through extracellular signal-regulated kinase/p70S6 kinase signalling pathway”. **Circulation research**, 2009 Jul 31; 105(5): 2146-2158 **IF:10.759; Total citations: 82**
→“News & Views” in *Circulation Research* 2009 July 31; 105(3): 211–213.
→The article was qualified as exceptional by the reviewers of *the_faculty_of_1000* (<http://f1000.com/prime/717952921>)

14. Imperlini E., Bianco C., **Lonardo E.**, Camerini S., Cermola M., Moschetti G. and Defez R. “Effects of indole-3-acetic acid on *Sinorhizobium meliloti* survival and symbiotic nitrogen fixation and stem dry weight production”. **Applied Microbiology and Biotechnology**, 2009 Jun; 83(4): 727-738. **IF:4.138; Total citations: 31**
15. Chambery A., Vissers J. P.C., Langridge J. I., Minchiotti G., **Lonardo E.**, Ruvo M. and Parente A. “Qualitative and quantitative proteomic profiling of *cripto*–/– embryonic stem cells by means of accurate mass LC-MS analysis”. **Journal of Proteome Research**, 2009 Feb 6; 8(2):1047-1058. **IF:5.460; Total citations: 17**
16. D’Andrea D., Liguori G. L., Le Good J. A., **Lonardo E.**, Constam D. B., Persico M. G. and Minchiotti G. “*Cripto* promotes A-P axis specification independently of its stimulatory effect on Nodal auto-induction”. **The Journal of Cell Biology**, 2008 Feb 11; 180 (3): 597-605. **IF:10.398; Total citations: 25**
17. Camerini S., Senatore B., **Lonardo E.**, Imperlini E., Bianco C., Moschetti G., Rotino G. L., Campion B. and Defez R. “Introduction of a novel pathway for IAA biosynthesis to rhizobia alters vetch root nodule development”. **Arch Microbiology**, 2008 Jul; 190 (1): 67-77. **IF:1.797; Total citations: 68**
18. Parisi S., **Lonardo E.**, Fico A., Filosa S. and Minchiotti G. “A Versatile Method for Differentiation of Mouse Embryonic Stem Cells to Neuronal Lineages”. **JOSC**: 2006, November 1 (4): 259-269; **Total citations: 3;**

Peer reviewed Reviews

1. Tauriello D.V.F, Calon A., **Lonardo E.** and Batlle E. “Determinants of metastatic competency in colorectal cancer”. **Molecular Oncology**. 2016 Oct 21. **IF: 5.367; Total citations: 14**
2. Dorado J., **Lonardo E.**, Miranda-Lorenzo I. and Heeschen C. “Pancreatic Cancer Stem Cells- New Insights & Perspectives”. **J Gastroenterol**. 2011 Aug;46(8):966-73. **IF:3.808; Total citations: 34**
3. **Lonardo E.**, Herman PC., Heeschen C. “Pancreatic cancer stem cells – update and future perspectives”. **Mol Oncol**, 2010 Jun 9; 4(5):431-442. **IF:5.837; Total citations: 76. First author**

Peer reviewed Book chapter

1. Martinelli P and **Lonardo E***. “Metastatic Pancreatic Cancer: Current State and Future Directions”. **Elsevier Volume: Introduction to Cancer Metastasis**: 2017, Vol. 1, Chapter 7; pp. 117-131. ISBN: 978-0-12-804003-4. * **Corresponding and Last author.**
2. Parisi S., **Lonardo E.**, Fico A., Filosa S. and Minchiotti G. “A Versatile Method for Differentiation of Multiple Neuronal Subtypes from Mouse Embryonic Stem Cells”. **Stem Cells Research Compendium**, 2008 Volume 1. Chapter 18 - pp. 343-356; **Total citations: 3**
3. Parisi S., **Lonardo E.**, Fico A. “A Versatile Method for Differentiation of Multiple Neuronal Subtypes from Mouse Embryonic Stem Cells”. **Leading-Edge Stem Cell Research**, 2008 Chapter 7 -; pp. 109-122;

Editorial

1. **Lonardo E***. “Investigating Metastatic Cancer: Pre-Clinical Models”. **Acta Scientific Cancer Biology**: 2018, Vol. 2, Issue 8; pp. 1. * **Corresponding**.

Total publication: **25**

Total corresponding author: **3**

Total first author: **6**

Manuscript in preparation: **3**

Total IF: **184,832**

h-index : **17**

REFEREE IN SCIENTIFIC JOURNALS

Journal of Cell Science, Stem Cell Reviews and Reports, Expert Review of Gastroenterology & Hepatology, OncoTargets and Therapy, International Journal of Stem Cell Research & Therapy, Clinical and Experimental Gastroenterology, Journal of Visualized Experiments, Therapeutics and Clinical Risk Management, Oncogene.

EDITORIAL ACTIVITY

Editorial Board Member for *Frontiers in Oncology*, 2019.

Editor for *PeerJ* journal, 2018.

Editorial Board Member for *Journal of Clinical Research in Oncology*, 2017.

Lead Guest Editor for *Stem Cells International* journal, 2017.

Editorial Board Member for *Austin Pancreatic Disorders* journal, 2017.

Editorial Board Member for *The Scientific Pages of Pancreatic Cancer* journal, 2017.

Editorial Board Member for *Acta Scientific Cancer Biology (ASCB)* journal, 2017.

PATENTS

Title: CRIPTO BLOCKING MOLECULES AND THERAPEUTIC USES THEREOF

Inventors: Gabriella Minchiotti, Menotti Ruvo, Sandro De Falco, Daniela Marasco, **Enza Lonardo**, Clare Parish, Ernest Arenas. **Publication date:** 2010/7/28 **Patent office:** US **Application number:** 12845460 **Description:** The present invention concerns a monomeric or multimeric tripeptide molecule able of inhibiting Cripto signaling in embryonic stem cells, thereby enhancing dopamine specification and differentiation, after transplantation in animal models of Parkinson's disease, as well as reducing tumor formation, and uses thereof. **EP09166967.1**

Title: TRIPLE COMBINATION FOR THE TREATMENT OF CANCER

Inventors: Christopher Heeschen, Patrick Hermann, **Enza Lonardo**. **Publication date:** 2013/5/11 **Patent office:** WO **Patent number:** 2013064692 **Description:** The present invention relates to a triple combination comprising a nodal/activin pathway inhibitor, a hedgehog pathway inhibitor and a chemotherapeutic agent and its use as a medicament for the treatment of cancer. **EP11382337.1**

CONGRESS AND CONFERENCE (in the last 5 years)

Title: SERS-active hybrid plasmonic nanoparticles for intracellular sensing. **Name of the conference:** Plasmonica 2019 **Type of event:** conference **City of the publishing body:** Naples, Italy **Date of the event:** 19-21 June 2019 **Your role:** Poster presentation

Title: TGF- β promotes resistance to gemcitabine in pancreatic ductal adenocarcinoma through downregulation of the L1CAM. **Name of the conference:** Tracking Cancer: Detection and monitoring, from Diagnosis to Therapy EACR **Type of event:** conference **City of the publishing body:** Barcelona, Spain. **Date of the event:** 4-6 February 2019 **Your role:** Poster presentation

Title: The dynamic role of TGF-beta in Cancer: From Cancer Metastasis to Tumor Suppression **Type of event:** University Seminar **Your role:** Invited speaker **City of the publishing body:** Naples, Italy **Date of the event:** June 27th 2018

Title: Multifaceted roles of TGF-beta in Colorectal Cancer Progression **Name of the conference:** Cancer drug Discovery, Development and Delivery **Type of event:** MiniSymposium **Your role:** Invited speaker **City of the publishing body:** Naples, Italy **Date of the event:** June 30th 2017

Title: Multifaceted roles of TGF-beta in Colorectal Cancer Progression **Type of event:** Ph.D. Retreat at IGB **Your role:** Keynote speaker **City of the publishing body:** Naples, Italy **Date of the event:** April 6th 2017

Title: Multifaceted roles of TGF-beta in Cancer Progression **Type of event:** Institute Seminar at IRCM **Your role:** Invited speaker **City of the publishing body:** Montpellier, France **Date of the event:** October 30th 2015

Title: TGF-beta Signaling in Metastatic Stem Cells **Name of the conference:** ABCD Meeting Cell Biology and disease: Cancer **Type of event:** Meeting **Your role:** Keynote Lecture **City of the publishing body:** Parma, Italy **Date of the event:** 2014 **Authors:** Lonardo E., Batlle E.

Title: Molecular characterization and targeted elimination of the TGF-beta-driven metastasis niche by colorectal cancer stem cells (CRC-SCs) **Name of the conference:** 2nd International Conference on Tumor Microenvironment and Cellular Stress: Signaling, Metabolism, Imaging and Therapeutic Targets **Type of event:** Workshop **Your role:** Abstract **City of the publishing body:** Corfu, Greece **Date of the event:** 27/9-2/10 2013 **Authors:** Lonardo E., Calon A., Palomo-Ponce S., Tauriello D. & Batlle E.

ONLINE CONFERENCE (in the last 5 years)

Participation “Practical clinical aspects of immuno-oncology” online at <https://conferences.oncology-central.com> on 21–22 June 2017.

SUMMARY OF OTHER ACHIEVEMENTS

- Francesca N., Monaco A., Romano R., **Lonardo E.**, de Simone M. and Moschetti G. “Rovello bianco, caratterizzazione di un vitigno autoctono campano”. VigneVini 2009 p.4

- **Lonardo E.**, Cioffi M., Sanchez Y., Dorado J. and Heeschen C. Abstract A36: Metformin targets human pancreatic cancer stem cells in preclinical mouse models. DOI: 10.1158/1538-7445.PANCA2012-A36 Published 15 July 2012
- **Lonardo E.**, Hermann P., Mueller MT, IMiranda-Lorenzo I and Heeschen C. Abstract B45: Embryogenesis meets tumorigenesis: Nodal/activin signaling drives self-renewal and invasiveness of pancreatic cancer stem cells DOI: 10.1158/1538-7445.FBCR11-B45 Published 15 September 2011

MENTORING ACTIVITY

2017-2019: **Co-director** of Martina di Guida Thesis in Medical Biotechnology (University of Naples). Title: “**TGF- β promotes tumor initiation in pancreatic ductal adenocarcinoma through L1CAM downregulation**”. Final Defence: 22/03/2019

I currently supervise 1 Post-doctoral Researcher (Dr. Donatella delle Cave) and two master students

DISSEMINATION

Name of the event: Cancro io ti boccio **Type of event:** school lesson **Your role:** Invited speaker **Date of the event:** November 10th 2019 **City of the publishing body:** Naples, Italy

Name of the event: Futuro Remoto-Ri-Generazioni **Type of event:** Public Event **Your role:** Invited **Date of the event:** November 8th 2018 **City of the publishing body:** Naples, Italy

Name of the event: I giorni della ricerca AIRC **Type of event:** Private Event, Quirinale **Your role:** Presentation **Date of the event:** October 29th 2018 **City of the publishing body:** Rome, Italy

Name of the event: Notte dei Ricercatori **Type of event:** EU Ambassador for MSCA-H2020 **Your role:** Ambassador **Date of the event:** September 24th 2018 **City of the publishing body:** Naples, Italy

Name of the event: Futuro Remoto-Conessioni **Type of event:** Public Event **Your role:** Presentation **Date of the event:** may 25th 2017 **City of the publishing body:** Naples, Italy

LANGUAGES

Italian: Native language.

Spanish: excellent level (bilingual, written and spoken).

English: excellent level (written and spoken).

French: basic level (written and spoken).

Catalan: basic level (written and spoken).

EXPERTISE KEYWORDS

Stem Cells, Cancer Stem Cells, TGF-beta signaling, Colorectal Cancer, Pancreatic Cancer, Metastasis.
