

# CURRICULUM VITAE CLAUDIA TONELLI

## PERSONAL INFORMATION

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**Name:** Claudia Tonelli

**Position:** Postdoctoral Fellow

**Work address:** Quick Building

Cold Spring Harbor Laboratory

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**Nationality:** Italian

## RESEARCH EXPERIENCE

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02/2016                   **Cold Spring Harbor Laboratory (CSHL)**, Cold Spring Harbor, NY, USA  
**Postdoc**                   Advisor: David Tuveson

01/2015–01/2016           **European Institute of Oncology (IEO)**, Milan, Italy  
**Postdoc**                   Advisor: Bruno Amati  
                               Completion of the PhD work

01/2011-12/2014           **European Institute of Oncology (IEO)**, Milan, Italy  
**Graduate student**           Advisor: Bruno Amati  
                               Added advisor: Stefano Campaner  
                               Genome-wide analysis of p53-dependent programs in tumor suppression

04/2010-12/2010           **Karolinska Institutet**, Stockholm, Sweden  
**Research fellow**           Advisor: Galina Selivanova  
                               Characterization of the mechanism of action of p53 activating small molecules

03/2009-03/2010           **Centre for Integrative Biology (CIBIO)**, Mattarello (TN), Italy  
**Master student**           Advisor: Michela A. Denti  
                               University advisor: Santi Mario Spampinato  
                               Functional analysis of microRNAs involved in the regulation of the transcription factors HoxA9, HoxA10, HoxA11 and PAX8 in Epithelial Ovarian Cancer

04/2007-10/2007           **Department of Pharmacology, University of Bologna**, Bologna, Italy  
**Bachelor student**           Advisor: Patrizia Hrelia  
                               Added advisor: Sabrina Angelini  
                               Folate metabolism: genetic polymorphisms as determining factors of susceptibility to chronic myeloid leukemia and response to Imatinib treatment

## EDUCATION

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- March 18, 2015    **Ph.D., Molecular Medicine**  
European Institute of Oncology (IEO), Milan, Italy. Evaluation: Excellent
- February 11, 2010    **MSc, Pharmaceutical Biotechnology**  
Università di Bologna, Bologna, Italy. Evaluation: 110/110 *cum laude*
- October 17, 2007    **BSc, Biotechnology**  
Università di Bologna, Bologna, Italy. Evaluation: 110/110 *cum laude*

## FELLOWSHIPS

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- 08/2016 – 07/2018    American-Italian Cancer Foundation Post-Doctoral Research Fellowship
- 04/2010 – 10/2010    Fondazione Trentino Università Training fellowship

## PUBLICATIONS

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1. Tonelli C, Chio IIC, Tuveson DA.  
*Transcriptional regulation by Nrf2.*  
**Antioxidants & Redox Signaling** doi: 10.1089/ars.2017.7342 (2017)
2. Tonelli C, Morelli MJ, Sabò A, Verrecchia A, Rotta L, Capra T, Bianchi S, Campaner S, Amati B.  
*Genome-wide analysis of p53-regulated transcription in Myc-driven lymphomas.*  
**Oncogene** 36(21):2921-2929 (2017)
3. Walerych D, Lisek K, Sommaggio R, Piazza S, Ciani Y, Dalla E, Rajkowska K, Gaweda-Walerych K, Ingallina E, Tonelli C, Morelli MJ, Amato A, Eterno V, Zambelli A, Rosato A, Amati B, Wisniewski JR, Del Sal G.  
*Proteasome machinery is instrumental in a common gain-of-function program of the p53 missense mutants in cancer.*  
**Nature Cell Biology** 18(8):897-909 (2016)
4. Tonelli C, Amati B, Morelli MJ.  
*p53 transcriptional programs in B cells upon exposure to genotoxic stress in vivo: computational analysis of next-generation sequencing data.*  
**Genomics Data** 7:29-31 (2016)
5. Tonelli C, Morelli MJ, Bianchi S, Rotta L, Capra T, Sabò A, Campaner S, Amati B.  
*Genome-wide analysis of p53 transcriptional programs in B cells upon exposure to genotoxic stress in vivo*  
**Oncotarget** 6(28):24611-26 (2015)
6. Sabò A, Kress TR, Pelizzola M, de Pretis S, Gorski MM, Tesi A, Morelli MJ, Bora P, Doni M, Verrecchia A, Tonelli C, Fagà G, Bianchi V, Ronchi A, Low D, Müller H, Guccione E, Campaner S, Amati B.  
*Selective transcriptional regulation by Myc in cellular growth control and lymphomagenesis.*  
**Nature** 511(7510):488-92 (2014)

7. Nikulenkov F, Spinnler C\*, Li H\*, Tonelli C, Shi Y, Turunen M, Kivioja T, Ignatiev I, Kel A, Taipale J, Selivanova G. (\*equal contribution)  
*Insights into p53 transcriptional function via genome-wide chromatin occupancy and gene expression analysis.*  
**Cell Death Differ.** 19(12):1992-2002 (2012)

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## REFERENCE DETAILS

- David Tuveson, MD PhD  
Cold Spring Harbor Laboratory  
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Tel. (516) 367-5246  
email: dtuveson@cshl.edu
- Bruno Amati, PhD  
Department of Experimental Oncology, European Institute of Oncology (IEO)  
Center for Genomic Science of IIT@SEMM, Fondazione Istituto Italiano di Tecnologia (IIT)  
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- Galina Selivanova, PhD  
Department of Microbiology, Tumor and Cell Biology (MTC), Karolinska Institutet  
Nobelväg 16, SE-17177 Stockholm - Sweden  
Tel +46 8 52486302  
email: Galina.Selivanova@ki.se

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## LANGUAGE PROFICIENCY

Italian (native), English (fluent), German (basic), French (basic)