


## PERSONAL INFORMATION

## Angelica Zin



 Pediatric Research Institute, Corso Stati Uniti 4, 35127 Padova (Italy)

 +390498215678

 a.zin@irpcds.org

 [www.cittadellasperanza.org](http://www.cittadellasperanza.org)

Nationality Italian

## POSITION

## Biologist

## WORK EXPERIENCE

02/2006–Present

## Biologist

Laboratory of Solid Tumor Biology, Clinic of Pediatric Hematology-Oncology laboratory, Department of Woman's and Child's health, University of Padua  
via Giustiniani 3, 35128 Padua (Italy)

Responsible of molecular diagnosis of soft-tissue sarcomas in childhood in the Pediatric Hematology-Oncology laboratory that centralize samples from all national AIEOP (Associazione Italiana di Emato-Oncologia Pediatrica) centres.

Involved in research on the identification of new diagnostic and prognostic biomarkers for different solid tumors of childhood.

Responsible of Minimal Residual Diseases in rhabdomyosarcoma.

Business or sector Human health and social work activities

01/10/1998–01/2006

## Life science technician

Laboratory of Pediatric Hematology-Oncology, Department of Woman's and Child's health, University of Padua  
via Giustiniani 3, 35128 Padua (Italy)

Business or sector Human health and social work activities

## EDUCATION AND TRAINING

01/03/2012

## Doctor of Philosophy (Ph.D.)

Developmental medicine and planning sciences, Adress Rare deseases, Università degli Studi di PADOVA

Via 8 Febbraio, 2, 35122 Padua (Italy)

<http://www.unipd.it>

Specific field of the degree course: Laboratory of Solid Tumor Biology, Clinic of Pediatric Hematology-Oncology, Department of Woman's and Child's health

Dissertation/thesis title: NUTLIN-3 INCREASES CHEMOTHERAPY AND RADIOTHERAPY INDUCED APOPTOSIS OF HUMAN MEDULLOBLASTOMA CELLS THROUGH p53 SIGNALING PATHWAYS.

22/10/2007

## Second level degree in Health Biology

School of Biological Sciences, Università degli Studi di PADOVA

Via 8 Febbraio, 2, 35122 Padua (Italy)

[www.unipd.it](http://www.unipd.it)

Graduation with 100/110

Dissertation/thesis title: AMPLIFICAZIONE ED ESPRESSIONE DI MYCN NEL RABDOMIOSARCOMA UMANO

20/07/2005 **First level degree in Molecular Biology**

School of Biological Sciences, Università degli Studi di PADOVA  
Via 8 Febbraio, 2, 35122 Padua (Italy)  
[www.unipd.it](http://www.unipd.it)

Graduation with 92/110

Dissertation/thesis title: OTTIMIZZAZIONE DI UNA METODICA DI RT-PCR DA TESSUTO INCLUSO IN PARAFFINA.

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	A2	B1	A2	A2	B1
French	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
[Common European Framework of Reference for Languages](#)

Communication skills

Good communication and relationship skills acquired during my work experience and 20 years as volleyball player and volunteer coach.

Good attitude and ability to work in groups.

Organisational / managerial skills

Good skills in management and organization of the diagnostic and research activities, in teaching and training of students and other people involved in multidisciplinary projects.

Molecular biology consultant for the Italian Soft Tissue Sarcoma group in national association AIEOP.

Member of the Biology panel for the European Pediatric Soft Tissue Sarcoma Group (EpSSG).

Good ability in the creation and organization of charity events.

Job-related skills

Responsible of molecular diagnosis of soft-tissue sarcomas in childhood in the laboratory of Pediatric Hematology-Oncology. It is the laboratory for centralization of samples from all national AIEOP centres.

Responsible of Minimal Residual Diseases in soft-tissue sarcoma.

Responsible of Soft Tissue Sarcoma Bio-Bank.

Skills in Cell biology: basic techniques for grow human cells, cryopreservation in liquid nitrogen of cells.

Skills in Molecular biology: extraction of nucleic acids and proteins from cell lines and biological samples, RT-PCR, quantitative PCR using TaqMan and SyberGreen technology, FISH, electrophoresis of nucleic acids and proteins. Western Blotting, ELISA assays.

Digital competence

SELF-ASSESSMENT

Proficient user	Proficient user	Independent user	Independent user	Independent user
-----------------	-----------------	------------------	------------------	------------------

Digital competences - Self-assessment grid

Good command of office suite (word processor, spread sheet, presentation software) and other specific software linked with instrumentation

Driving licence B

## ADDITIONAL INFORMATION

### Publications

Author of 11 papers:

- Valentina Masola, Claudio Maran, Evelyne Tassone, Angelica Zin, Angelo Rosolen, and Maurizio Onisto "Heparanase activity in alveolar and embryonal rhabdomyosarcoma: implications for tumor invasion" BMC Cancer. 2009; 9: 304 IF 3.362
- Tombolan L, Orso F, Guzzardo V, Casara S, Zin A, Bonora M, Romualdi C, Giorgi C, Bisogno G, Alaggio R, Pinton P, De Pittà C, Taverna D, Rosolen A, Lanfranchi G. "High IGFBP2 Expression Correlates with Tumor Severity in Pediatric Rhabdomyosarcoma." Am J Pathol. 2011; Volume 179, Issue 5; 2611-2624) IF 5.145
- Citti A, Boldrini R, Inserra A, Alisi A, Pessolano R, Mastronuzzi A, Zin A, De Sio L, Rosolen A, Locatelli F, Fruci D. "Expression of multidrug resistance-associated proteins in paediatric soft tissue sarcomas before and after chemotherapy." Int J Oncol. 2012 Jul;41(1):117-24. IF 3.025
- P. Bonvini and A. Zin, R. Alaggio, B. Pawel, G. Bisogno and A. Rosolen "High ALK mRNA expression has a negative prognostic significance in rhabdomyosarcoma" Br J Cancer. 2013 Dec 10;109(12):3084-91. IF 4.836
- Angelica Zin, Roberta Bertorelle, Patrizia Dall'Igna, Carla Manzitti, Claudio Gambini, Gianni Bisogno, Angelo Rosolen and Rita Alaggio "Epithelioid Rhabdomyosarcoma. A Clinicopathologic and Molecular Study" Am J Surg Pathol. 2014 Feb;38(2):273-8. IF 5.145
- Tombolan L, Zampini M, Casara S, Boldrin E, Zin A, Bisogno G, Rosolen A, De Pittà C, Lanfranchi G. "MicroRNA-27a Contributes to Rhabdomyosarcoma Cell Proliferation by Suppressing RARA and RXRA" PLoS One. 2015 Apr 27;10(4) IF 3.234
- Virgone C, Lalli E, Bisogno G, Lazzari E, Roma J, Zin A, Poli E, Cecchetto G, Dall'Igna P, Alaggio R. "DAX-1 Expression in Pediatric Rhabdomyosarcomas: Another Immunohistochemical Marker Useful in the Diagnosis of Translocation Positive Alveolar Rhabdomyosarcoma" PLoS One. 2015 Jul 13;10(7) IF 3.234
- La Starza R, Nofrini V, Pierini T, Pierini V, Zin A, Bisogno G, Cerri C, Caniglia M, Sidoni A, Ludwig K, Mecucci C. "Molecular cytogenetics detect an unbalanced t(2;13)(q36;q14) and PAX3-FOXO1 fusion in rhabdomyosarcoma with mixed embryonal/alveolar features" Pediatr Blood Cancer. 2015 Jul 14. IF 2.386
- Alaggio R, Zhang L, Sung YS, Huang SC, Chen CL, Bisogno G, Zin A, Agaram NP, LaQuaglia MP, Wexler LH, Antonescu CR. "A Molecular Study of Pediatric Spindle and Sclerosing Rhabdomyosarcoma: Identification of Novel and Recurrent VGLL2-related Fusions in Infantile Cases." Am J Surg Pathol. 2016 Feb;40(2):224-35. IF 5.145
- Kao YC, Sung YS, Zhang L, Huang SC, Argani P, Chung CT, Graf NS, Wright DC, Kellie SJ, Agaram NP, Ludwig K, Zin A, Alaggio R, Antonescu CR. "Recurrent BCOR Internal Tandem Duplication and YWHAE-NUTM2B Fusions in Soft Tissue Undifferentiated Round Cell Sarcoma of Infancy - Overlapping Genetic Features with Clear Cell Sarcoma of Kidney" Am J Surg Pathol. 2016 Mar 3. IF 5.145
- Gasparini P, Casanova M, Villa R., Collini P, Alaggio R, Zin A, Bonvini P, Antonescu CR, Boldrini R, Caserini R, Moro M, Meazza C, Massimino M, Bergamaschi L, Luksch R, Chiaravalli S, Bisogno G, Zaffaroni N, Daidone MG, Sozzi G and Ferrari A "ALK gene copy number gain and protein expression correlate with metastatic features in pediatric rhabdomyosarcoma" Oncotarget. 2016 March 10 (accepted pending minor revision) IF 6.359

Author of 25 abstracts for national/international meeting.

- Conferences** Invited speaker in 16 national/international meetings.
- Honours and awards** "Gennaro Sansone" awards for the best poster: "ALK mRNA expression in rhabdomyosarcoma"  
XXXVI CONGRESSO NAZIONALE AIEOP Pisa, Palazzo dei Congressi, 06-08 Ottobre 2010
- Memberships** Member of the AIEOP (Associazione Italiana di Emato-Oncologia Pediatrica) association.  
Member of the EpSSG (European Pediatric Soft Tissue Sarcoma Group).
- Certifications** IARR (International Academy of Rescue and Resuscitation) - Basic Life Support and Defibrillation (BLS-D)