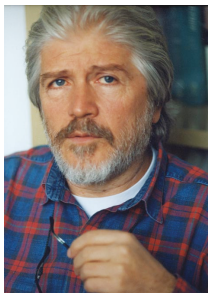
PERSONAL INFORMATION

Lucio Nitsch



Via Montedonzelli 49, Napoli, 80128, Italia

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nitsch@unina.it

Sex Male | Date of birth 04/08/1949 | Nationality Italian

Present job: Professor of Biology, University of Napoli Federico II

WORK EXPERIENCE

From 1990 to 2015

Full Professor of Biology

University of Napoli Federico II, Italy

- Teacher of Molecular and Cellular Biology, Genetics and Cytogenetics, Head of a Cell Biology laboratory. Head of a Citogenetics laboratory

Business or sector Teaching and Research

From 1994 to 2015

Head, Cytogenetics and Prenatal Diagnosis Unit, Clinical Pathology Department

AOU Federico II, Napoli, Italy

- Directing a Unit involved in Citogenetics and Molecular Citogenetics diagnostic activities

Business or sector Medical Diagnosis

From 2010 to 2015

Coordinator of the Ph.D. Program in Genetics and Molecular Medicine

University of Napoli Federico II, Italy

- Planning, organizing and coordinating the activities of the Ph.D. program

Business or sector Teaching and Research

From 2011 to 2012

Department Director

University of Napoli Federico II, Italy

- Planning, organizing, staffing, leading, Department of Cellular and Molecular Biology and Pathology

Business or sector Teaching and Research

From 2006 to 2010

Member of the ‘Cabina di regia’ of CRUI

CRUI, Roma, Italy

- Planning of teaching evaluation activities for the Italian Universities

Business or sector Teaching evaluation

From 1999 to 2010

Member of the University Evaluation Committee (NVA)

University of Napoli Federico II, Italy

- Planning and supervising evaluation activities for the University of Napoli Federico II

Business or sector Teaching, Research and Administration evaluation

From 1985 to 1989 **Associate Professor**

University of Napoli Federico II, Italy

- Teacher of Cell Biology, Head of a Cell Biology laboratory

Business or sector Teaching and Research

From 1983 to 1985 **Researcher**

University of Napoli Federico II, Italy

- Leader of an independent research group

Business or sector Research

From 1980 to 1983 **Researcher**

Center for Endocrinology and Experimental Oncology, National Research Council (CNR)

- Cell biology research

Business or sector Research

From 1979 to 1983 **Contract Teacher**

University of Napoli Federico II, Italy

- Teacher of General Biology and Zoology

Business or sector Teaching

From 1976 to 1979 **Visiting Fellow**

Laboratory of Molecular Biology, National Institutes of Health (NIH), Bethesda, Maryland, USA

- Scientific research in Cell Biology

Business or sector Research

From 1975 to 1979 **Fellow**

University of Napoli Federico II, Italy

- Scientific research in Cell Biology

Business or sector Research

EDUCATION AND TRAINING

From 1973 to 1977 **Residency in Hygiene**

Replace with European Qualification Framework (or other) level if relevant

University of Napoli Federico II, Medical Faculty, Italy

- Training in laboratory analyses

From 1970 to 1975 **Internship**

Replace with European Qualification Framework (or other) level if relevant

University of Napoli Federico II, Medical Faculty, Italy

- Training in scientific research

From 1967 to 1973 **M.D. degree**

Replace with European Qualification Framework (or other) level if relevant

University of Napoli Federico II, Medical Faculty, Italy

- 110/110 cum laude

From 1962 to 1967

High school degree

Replace with European Qualification Framework (or other) level if relevant

Galileo Galilei Scientific Lyceum in Napoli

- Scientific Lyceum Diploma

PERSONAL SKILLS

Mother tongue(s): Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Proficient user	Proficient user	Proficient user	Proficient user	Proficient user
French	Independent user	Independent user	Basic user	Basic user	Basic user

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- Good communication skills gained through my experience as university teacher and researcher

Organisational / managerial skills

- leadership (currently responsible for a team of 12 people)

Job-related skills

- expert of quality control processes

Computer skills

- good command of Microsoft Office™ tools and of several Macintosh commputer programs

Other skills

- soccer player

Driving licence

- Categories A, B

ADDITIONAL INFORMATION

Grants

Grants from:
ACRO (1993 to 1997); AIRC (1992 to 1996 and 2004 to 2006); Telethon (1998-1999); BIOGEM (2000to 2002); Biotecnologie (2001-2002): Regione Campania (1999, 2003, 2007); MIUR Prin (1997 through 2008 and 2010-2013)

Memberships

Member of the following Scientific Societies
ABCD (Secretary from 1996 to 1999) - ETA (In the Executive Committee from 1993 to 1997) - AIBG – ASCB – SIGU – ELSO – ESHG – ECA - The Endocrine Society

Reviewer

Ad hoc reviewer for:
Cancer, Endocrinology, Eur. J. Cell Biol., Eur. J. Endocrinol., Gene, Hum. Mol. Genet., Hum. Mut., J. Biol. Chem., J. Cell Biol., J. Cell Sci., J. Cell. Physiol., J. Clin. Invest. Metab, J. Endocrinol. Invest., J. Mol. Endocrinol., Mol. Cell. Endocrinol.
Ad hoc grant reviewer for:
Italian Ministry of University and Research (MIUR), Comitato di Indirizzo per la Valutazione della Ricerca (CIVR), Agenzia Nazionale di Valutazione del sistema Universitario e della Ricerca (ANVUR), ATIP-Avenir program from Inserm and CNRS and Agence Nationale de la Recherche (ANR)

Publications

▪ Last 5 years publications

Rab7 Regulates CDH1 Endocytosis, Circular Dorsal Ruffles Genesis and Thyroglobulin Internalization in a Thyroid Cell Line.
Mascia A, Gentile F, Izzo A, Mollo N, De Luca M, Bucci C, **Nitsch L**, Calì G.
J Cell Physiol. 2015 Nov 24. doi: 10.1002/jcp.25267. [Epub ahead of print]

Short stature and primary ovarian insufficiency possibly due to chromosomal position effect in a balanced X;1 translocation.
Genesio R, Mormile A, Licenziati MR, De Brasi D, Leone G, Balzano S, Izzo A, Bonfiglio F, Conti A, Fioretti G, Lenta S, Poggiano MR, Siani P, **Nitsch L**.
Mol Cytogenet. 2015 Jul 15;8:50. doi: 10.1186/s13039-015-0154-3. eCollection 2015.

Lithium chloride induces mesenchymal-to-epithelial reverting transition in primary colon cancer cell cultures.
Costabile V, Duraturo F, Delrio P, Rega D, Pace U, Liccardo R, Rossi GB, Genesio R, **Nitsch L**, Izzo P, De Rosa M.
Int J Oncol. 2015 May;46(5):1913-23. doi: 10.3892/ijo.2015.2911. Epub 2015 Mar 2.

NRIP1/RIP140 siRNA-mediated attenuation counteracts mitochondrial dysfunction in Down syndrome.
Izzo A, Manco R, Bonfiglio F, Calì G, De Cristofaro T, Patergnani S, Cicatiello R, Scrima R, Zannini M, Pinton P, Conti A, **Nitsch L**.
Hum Mol Genet. 2014 Aug 15;23(16):4406-19. doi: 10.1093/hmg/ddu157. Epub 2014 Apr 3.

Loeys-Dietz syndrome type 4, caused by chromothripsis, involving the TGFB2 gene.
Fontana P, Genesio R, Casertano A, Cappuccio G, Mormile A, **Nitsch L**, Iolascon A, Andria G, Melis D.
Gene. 2014 Mar 15;538(1):69-73. doi: 10.1016/j.gene.2014.01.017. Epub 2014 Jan 15.

Complex chromosomal rearrangements causing Langer-Giedion syndrome atypical phenotype: genotype-phenotype correlation and literature review.
Cappuccio G, Genesio R, Ronga V, Casertano A, Izzo A, Riccio MP, Bravaccio C, Salerno MC, **Nitsch L**, Andria G, Melis D.
Am J Med Genet A. 2014 Mar;164A(3):753-9. doi: 10.1002/ajmg.a.36326. Epub 2013 Dec 19.

A case of 14q11.2 microdeletion with autistic features, severe obesity and facial dysmorphisms suggestive of Wolf-Hirschhorn syndrome.
Terrone G, Cappuccio G, Genesio R, Esposito A, Fiorentino V, Riccitelli M, **Nitsch L**, Brunetti-Pierri N, Del Giudice E.
Am J Med Genet A. 2014 Jan;164A(1):190-3. doi: 10.1002/ajmg.a.36200. Epub 2013 Nov 15.

Constitutional 11q14-q22 chromosome deletion syndrome in a child with neuroblastoma MYCN single copy.
Passariello A, De Brasi D, Defferrari R, Genesio R, Tufano M, Mazzocco K, Capasso M, Migliorati R, Martinsson T, Siani P, **Nitsch L**, Tonini GP.
Eur J Med Genet. 2013 Nov;56(11):626-34. doi: 10.1016/j.ejmg.2013.08.005. Epub 2013 Sep 13.
PMID:

Pure 16q21q22.1 deletion in a complex rearrangement possibly caused by a chromothripsis event.
Genesio R, Ronga V, Castelluccio P, Fioretti G, Mormile A, Leone G, Conti A, Cavaliere ML, **Nitsch L**.
Mol Cytogenet. 2013 Aug 1;6(1):29. doi: 10.1186/1755-8166-6-29.

Chronic Pro-oxidative State and Mitochondrial Dysfunctions are more Pronounced in Fibroblasts from Down Syndrome Foeti with Congenital Heart Defects.
Piccoli C, Izzo A, Scrima R, Bonfiglio F, Manco R, Negri R, Quarato G, Cela O, Ripoli M, Prisco M, Gentile F, Calì G, Pinton P, Conti A, Nitsch L, Capitanio N.
Hum Mol Genet. 2012 Dec 20. [Epub ahead of print]

Let-7a down-regulation plays a role in thyroid neoplasias of follicular histotype affecting cell adhesion and migration through its ability to target the FXYD5 (Dysadherin) gene.
Colamaio M, Calì G, Sarnataro D, Borbone E, Pallante P, Decaussin-Petrucci M, Nitsch L, Croce CM, Battista S, Fusco A.
J Clin Endocrinol Metab. 2012 Nov;97(11):E2168-78. doi: 10.1210/jc.2012-1929. Epub 2012 Sep 10.

De novo 13q12.3-q14.11 deletion involving BRCA2 gene in a patient with developmental delay, elevated IgM levels, transient ataxia, and cerebellar hypoplasia, mimicking an A-T like phenotype.
Cirillo E, Romano R, Romano A, Giardino G, Durandy A, Nitsch L, Genesio R, Di Gregorio E, Cavalieri S, Abate G, Del Vecchio L, Brusco A, Pignata C.
Am J Med Genet A. 2012 Oct;158A(10):2571-6. doi: 10.1002/ajmg.a.35556. Epub 2012 Aug 17.

Prenatal BACs-on-Beads™: the prospective experience of five prenatal diagnosis laboratories.
Vialard F, Simoni G, Gomes DM, Abourra A, De Toffol S, Bru F, Martinez Romero MC, Nitsch L, Bouhanna P, Marcato L, Popowski T, Grimi B, Martínez-Conejero JA, Benzacken B, Genesio R, Grati FR.
Prenat Diagn. 2012 Apr;32(4):329-35. doi: 10.1002/pd.2934.

Clinical description of a patient carrying the smallest reported deletion involving 10p14 region.
Melis D, Genesio R, Boemio P, Del Giudice E, Cappuccio G, Mormile A, Ronga V, Conti A, Imperati F, Nitsch L, Andria G.
Am J Med Genet A. 2012 Apr;158A(4):832-5. doi: 10.1002/ajmg.a.34133. Epub 2012 Mar 9.

Publications

40 Mb duplication in chromosome band 5p13.1p15.33 with 800 kb terminal deletion in a foetus with mild phenotypic features.
Izzo A, Genesio R, Ronga V, Nocera V, Marullo L, Cicatiello R, Sglavo G, Paladini D, Conti A, Nitsch L.
Eur J Med Genet. 2012 Feb;55(2):140-4. doi: 10.1016/j.ejmg.2011.12.004. Epub 2012 Jan 2.

The microRNA-processing enzyme Dicer is essential for thyroid function.
Frezzetti D, Reale C, Calì G, Nitsch L, Fagman H, Nilsson O, Scarfò M, De Vita G, Di Lauro R.
PLoS One. 2011;6(11):e27648. doi: 10.1371/journal.pone.0027648. Epub 2011 Nov 21.

CDH16/Ksp-cadherin is expressed in the developing thyroid gland and is strongly down-regulated in thyroid carcinomas.
Calì G, Gentile F, Mogavero S, Pallante P, Nitsch R, Ciancia G, Ferraro A, Fusco A, Nitsch L.
Endocrinology. 2012 Jan;153(1):522-34. doi: 10.1210/en.2011-1572. Epub 2011 Oct 25.

Identification of novel Pax8 targets in FRTL-5 thyroid cells by gene silencing and expression microarray analysis.
Di Palma T, Conti A, de Cristofaro T, Scala S, Nitsch L, Zannini M.
PLoS One. 2011;6(9):e25162. doi: 10.1371/journal.pone.0025162. Epub 2011 Sep 23.

Selective cognitive impairment and tall stature due to chromosome 19 supernumerary ring.
Melis D, Genesio R, Del Giudice E, Taurisano R, Mormile A, D'Elia F, Conti A, Imperati F, Andria G, Nitsch L.
Clin Dysmorphol. 2012 Jan;21(1):27-32. doi: 10.1097/MCD.0b013e328348d860.

Variegated silencing through epigenetic modifications of a large Xq region in a case of balanced X;2 translocation with Incontinentia Pigmenti-like phenotype.
Genesio R, Melis D, Gatto S, Izzo A, Ronga V, Cappuccio G, Lanzo A, Andria G, D'Esposito M, Matarazzo MR, Conti A, Nitsch L.
Epigenetics. 2011 Oct 1;6(10):1242-7. doi: 10.4161/epi.6.10.17698. Epub 2011 Oct 1.

Molecular mechanisms generating and stabilizing terminal 22q13 deletions in 44 subjects with Phelan/McDermid syndrome.
Bonaglia MC, Giorda R, Beri S, De Agostini C, Novara F, Fichera M, Grillo L, Galesi O, Vetro A, Ciccone R, Bonati MT, Giglio S, Guerrini R, Osimani S, Marelli S, Zucca C, Grasso R, Borgatti R, Mani E, Motta C, Molteni M, Romano C, Greco D, Reitano S, Baroncini A, Lapi E, Cecconi A, Arrigo G, Patricelli MG, Pantaleoni C, D'Arrigo S, Riva D, Sciacca F, Dalla Bernardina B, Zoccante L, Darra F, Termine C, Maserati E, Bigoni S, Priolo E, Bottani A, Gimelli S, Bena F, Brusco A, di Gregorio E, Bagnasco I, Giussani U, Nitsch L, Politi P, Martinez-Frias ML, Martínez-Fernández ML, Martínez Guardia N, Bremer A, Anderlid BM, Zuffardi O.
PLoS Genet. 2011 Jul;7(7):e1002173. doi: 10.1371/journal.pgen.1002173. Epub 2011 Jul 14.

Mental retardation, congenital heart malformation, and myelodysplasia in a patient with a complex chromosomal rearrangement involving the critical region 21q22.
Melis D, Genesio R, Cappuccio G, MariaGinocchio V, Casa RD, Menna G, Buffardi S, Poggi V, Leszle A, Imperati F, Carella M, Izzo A, Del Giudice E, Nitsch L, Andria G.
Am J Med Genet A. 2011 Jul;155A(7):1697-705. doi: 10.1002/ajmg.a.33976. Epub 2011 Jun 10.

In vivo role of different domains and of phosphorylation in the transcription factor Nkx2-1.
Silberschmidt D, Rodriguez-Mallon A, Mithboakar P, Calì G, Amendola E, Sanges R, Zannini M, Scarfò M, De Luca P, Nitsch L, Di Lauro R, De Felice M.
BMC Dev Biol. 2011 Feb 23;11:9. doi: 10.1186/1471-213X-11-9.

The ribonuclease/angiogenin inhibitor is also present in mitochondria and nuclei.
Furia A, Moscato M, Calì G, Pizzo E, Confalone E, Amoroso MR, Esposito F, Nitsch L, D'Alessio G.
FEBS Lett. 2011 Feb 18;585(4):613-7. doi: 10.1016/j.febslet.2011.01.034. Epub 2011 Jan 26.