Università degli Studi di Roma "Tor Vergata"

CURRICULUM DIDATTICO-SCIENTIFICO DEL PROF. SUSANNA DOLCI

DATI PERSONALI
Nome e Cognome: Susanna Dolci
Luogo e data di nascita: Bastia U. (PG) 6/12/1960

***ATTUALE POSIZIONE*:** Professore Associato
Dipartimento: Biomedicina e Prevenzione
Indirizzo: Via Montpellier 1
Numero studio: 72596252
E-mail: dolci@uniroma2.it
Orario ricevimento: Martedi 12-14
Settore scientifico-disciplinare: BIO/16

ATTIVITA' DIDATTICA - SCIENTIFICA

Titoli accademici e di studio:
MD, PhD

Formazione post-laurea presso istituzioni italiane ed estere ed incarichi professionali (didattici e di ricerca):
NCI-NIH, Frederick MD, USA (Visiting scientist)
Cambridge, UK (Research associate)

Finanziamenti e premi ricevuti per attività di ricerca:
Grant CNR-NATO 1992, Prin 2003, 2005, 2008, 2011, 2015. Firb 2000.

Attività di ricerca: 15 pubblicazioni selezionate

1) **Dolci S**., Williams D.E., Ernst M.K., Resnick J., Brannan C., Lock L., Lyman S., Boswell S.C., P.J. Donovan (1991): Mast cell growth factor mediates primordial germ cell survival in culture. *Nature* 349: 802-804. **38**
2) De Felici, M., **Dolci S**. (1991): Leukemia Inhibitory Factor sustains the survival of mouse primordial germ cells cultured on TM4 Feeder layers. *Dev Biol*. 147:281-284. **4.4**
3) Rossi P, **Dolci S**. (2013) Paracrine mechanisms involved in the control of early stages of Mammalian spermatogenesis. *Front Endocrinol* (Lausanne). 4:181.
4) Tentori L, Leonetti C, Muzi A, Dorio AS, Porru M, **Dolci S**, Campolo F, Vernole P, Lacal PM, Praz F, Graziani G. (2013) Influence of MLH1 on colon cancer sensitivity to poly(ADP-ribose) polymerase inhibitor combined with irinotecan. *Int J Oncol*. 43:210-8. **2.3**
5) Tentori L, Muzi A, Dorio AS, **Dolci S**, Campolo F, Vernole P, Lacal PM, Praz F, Graziani G. (2013) MSH3 expression does not influence the sensitivity of colon cancer HCT116 cell line to oxaliplatin and poly(ADP-ribose) polymerase (PARP) inhibitor as monotherapy or in combination. *Cancer Chemother Pharmacol*. 72:117-25**. 2.7**
6) Campolo F, Gori M, Favaro R, Nicolis S, Pellegrini M, Botti F, Rossi P, Jannini EA, **Dolci S** (2013) Essential role of Sox2 for the establishment and maintenance of the germ cell line.*Stem Cells*. 31:1408-21. **7.8**

7) Carosa E, Castri A, Forcella C, Sebastiani G, Di Sante S, Gravina GL, Ronchi P, Cesarini V, **Dolci S**, Di Stasi S, Lenzi A, Jannini EA. (2014) Platelet-derived growth factor regulation of type-5 phosphodiesterase in human and rat penile smooth muscle cells.*J Sex Med*. 11:1675-84. **3.1**

8) Faraoni I, Compagnone M, Lavorgna S, Angelini DF, Cencioni MT, Piras E, Panetta P, Ottone T, **Dolci S**, Venditti A, Graziani G, Lo-Coco F. (2015) BRCA1, PARP1 and γH2AX in acute myeloid leukemia: Role as biomarkers of response to the PARP inhibitor olaparib. *Biochem Biophys Acta*. 1852:462-72. **4,9**

9) Tassinari V, Campolo F, Cesarini V, Todaro F, **Dolci S**, Rossi P. (2015) Fgf9 inhibition of meiotic differentiation in spermatogonia is mediated by Erk-dependent activation of Nodal-Smad2/3 signaling and is antagonized by Kit Ligand. *Cell Death Dis*. 12;6:e1688 **5.2**

10) Desimio MG, Campolo F, **Dolci S**, De Felici M, Farini D (2015) SOHLH1 and SOHLH2 directly down-regulate stimulated by retinoic acid 8 (STRA8) expression. *Cell Cycle*. 14:1036-45. **4**.

11) **Dolci S**, Campolo F, De Felici M. (2015) Gonadal development and germ cell tumors in mouse and humans. *Semin Cell Dev Biol*. 45:114-23. **5.9**

12) Cesarini V., Martini M., Ricci Vitiani L., Gravina GG., Di Agostino S., Graziani G., D'Alessandris Q.A., Pallini P., Larocca L.M., Rossi P., Jannini E.A., and S. Dolci (2016).Type 5 phosphodiesterase regulates glioblastoma multiforme aggressiveness and clinical outcome. Oncotarget, in press. **5.0**

13) Cesarini V, Guida E, Todaro F, Di Agostino S, Tassinari V, Nicolis S, Favaro R, Caporali S, Lacal PM, Botti E, Costanzo A, Rossi P, Jannini EA, Dolci S. Sox2 is not required for melanomagenesis, melanoma growth and melanoma metastasis in vivo.
Oncogene. 2017 Aug;36(31):4508-4515. doi: 10.1038/onc.2017.53. 2017.

14) De Domenico E, Todaro F, Rossi G, Dolci S, Geremia R, Rossi P, Grimaldi P.Overactive type 2 cannabinoid receptor induces meiosis in fetal gonads and impairs ovarian reserve. Cell Death Dis. 2017 Oct 5;8(10):e3085. doi: 10.1038/cddis.2017.496.

15) Gravina GL, Marampon F, Sanità P, Festuccia C, Forcella C, Scarsella L, Jitariuc A, Vetuschi A, Sferra R, Colapietro A, Carosa E, Dolci S, Lenzi A, Jannini EA.Episode-like pulse testosterone supplementation induces tumor senescence and growth arrest down-modulating androgen receptor through modulation of p-ERK1/2, pARser81 and CDK1 signaling: biological implications for men treated with testosterone replacement therapy. Oncotarget. 2017 Nov 30;8(69):113792-113806. doi: 10.18632/oncotarget.22776.

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ACADEMIC AND SCIENTIFIC CURRICULUM OF PROF. SUSANNA DOLCI

PERSONAL DATA

Name and Surname: Susanna Dolci
Place and date of birth: Bastia U. (PG) 6/12/1960

***CURRENT POSITION*:** Associate Professor
Department: Biomedicine and Prevention
Address: Via Montpellier 1
Phone number: 0672596252
E-mail: dolci@uniroma2.it
Consulting hours: Tuesday 12-14
Italian Ministry of Education Academic-Scientific sector: BIO/16

SCIENTIFIC AND DIDACTIC ACTIVITY

Education and academic positions:
MD, PhD

Professional and didactic activities in Italian and Foreign Institutions:
NCI-NIH, Frederick MD, USA (Visiting scientist)
Cambridge, UK (Research associate)

Awards and funding:
Grant CNR-NATO 1992, Prin 2003, 2005, 2008, 2011, 2015. Firb 2000.

Research activity: 15 selected publications

1) **Dolci S**., Williams D.E., Ernst M.K., Resnick J., Brannan C., Lock L., Lyman S., Boswell S.C., P.J. Donovan (1991): Mast cell growth factor mediates primordial germ cell survival in culture. *Nature* 349: 802-804. **38**
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6) Campolo F, Gori M, Favaro R, Nicolis S, Pellegrini M, Botti F, Rossi P, Jannini EA, **Dolci S** (2013) Essential role of Sox2 for the establishment and maintenance of the germ cell line.*Stem Cells*. 31:1408-21. **7.8**

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Episode-like pulse testosterone supplementation induces tumor senescence and growth arrest down-modulating androgen receptor through modulation of p-ERK1/2, pARser81 and CDK1 signaling: biological implications for men treated with testosterone replacement therapy. Oncotarget. 2017 Nov 30;8(69):113792-113806. doi: 10.18632/oncotarget.22776.