



2020 - 2021 Assistant Professor, Courses of Histology and Embryology, Faculty of Medicine, School of Nursing, Univ. Cagliari

2020 - present Assistant Professor, Courses of Histology and Embryology, Faculty of Medicine, School of Medicine and Dentistry, Univ. Cagliari

2024 – 2025 Assistant Professor, Course of Histology and Embryology, Faculty of Medicine, School of Medicine and Surgery (English module)

## **PRACTICAL AND THEORETICAL COURSES**

1. 1st Course of Morphometry applied to Biological Structures, Messina, Italy, 1990
2. School of Electron Microscopy applied to Biology and Medicine, Bologna, Italy, 1991
3. Confocal Laser Scanning Microscopy, Assisi, Italy, 1992
4. Practical Course: “Cell cycle and apoptosis: techniques of cytometry and molecular biology” International School of Oncology and Experimental Medicine, Rome, Italy, 1994
5. Immunological methods for biologists and biochemists. Dept. of Immunology, Stockholm University, Sweden, 1995
6. EMBO Practical Course: Basic Methods in Molecular Neuroanatomy, Departement de Neurobiologie de Signaux Inter cellulaires, Paris, France, 1995
7. EMBO Practical Course: Tissue *in situ* hybridization in animal developmental biology, The Medical School, University of Newcastle, Newcastle, England, 1995
8. Functions of the Cerebral Cortex, Karolinska Institute, Dept. of Neuroscience, Stockholm, Sweden, 1996
9. Practical Introduction to Genetic Engineering, University College London, Dept. Biochemistry and Molecular Biology, London, UK, 1997
10. EMBO Practical Course: GFP and Advanced Microscopy in Cell Biology, Max Planck Institute for Biophysical Chemistry, Göttingen, Germany, 2000
11. FENS Winter School: “Neural stem cells: from specification and nervous system patterning to therapies for neurodegenerative diseases”, Kitzbuhel, Austria, 2003
12. Derivation and Culture of Human Induced Pluripotent Stem Cells (hiPSCs), Current theory and best practices for working with human induced pluripotent stem cells (hiPSCs), December 2019 Wellcome Genome Campus, Hinxton, UK

## **MAJOR COLLABORATIONS**

1999-2002 Prof. Giorgio Bono, MD, Neurologist, Dept. Biotechnologies and Life Sciences, Univ. Insubria, Varese, Italy, (Progetto MINSAN/RC 1999- IRCCS Neurologico C. Mondino, Pavia)

2002-2013 Prof. Goran Simic, Dept. of Neuroscience and Dept. of Anatomy and Clinical Anatomy, Croatian Institute for Brain Research, University Medical School, Zagreb, Croatia (Progetto PVS 2001, L.R. 26/96)

Co-supervisor for the Ph.D. students in Neuroscience Mihovil Mladinov (November 2007-January 2008/May-June 2009), Mirjana Babic (February-May 2013)

2008-2020 Prof. Zaal Kokaia, Professor and Director of Lund Stem Cell Center, Faculty of Medicine, Lund University, Lund, Sweden. Within this collaboration, the student Manuela Monni has been selected as PhD student for the Ph.D. School in Biology and Cellular Therapy (Master and Back program financed by the Sardinia region)

2008-2015 Dr. Frank Sieg, PhD, former Head of the Dept. of Neuroscience, Liggins Institute, University of Auckland, Auckland, New Zealand, and from 2009 Director of CuroNZ (Auckland, New Zealand), a small biotechnology start-up company, with a drug patent portfolio covering the peptide family, Neural Regeneration Peptide (NRPs)

2015-2020 Prof. Miguel Aguilar-Santelises, Department of Microbiology, National School of Biological Sciences, IPN, Mexico City, Mexico

## GRANTS

1997-1998 Swedish Foundation "Gamla tjanarinnor" Project: "Cytokine involvement in the pathogenesis and progression of Alzheimer's disease: different strategies in cell lines and human material"

2001 Sardinia Region Research Programme in favour of Developing Countries (Croatia)(PVS)–L.R. 26/96

2002/2003, 2004, 2006, 2007- present former 60% - CAR - PRID – FIR Univ. Cagliari

2005 Start-up for Young researchers - University of Cagliari

2010 Sardinia Region L.R.7/2007 (Principal scientific investigator)

2014 Fondazione Banco di Sardegna (Principal scientific investigator)

## LIST OF PUBLICATIONS

1. Del Fiacco M., **Diana A.**, et al. Int. J. Develop. Neurosci.,8:289-297, 1990.
2. Diaz G., Setzu M., **Diana A.**, et al. J. Int. Sci. Vigne et Vin, 25:37-49, 1991.
3. Diaz G., **Diana A.**, et al. Comp. Meth. and Prog. Biomed. 36:185-189, 1991.
4. Diaz G. and **Diana A.** J. Autonom. Nerv. Syst., 37:121-124, 1992.
5. Diana A., et al. Int. J. Dev. Neurosci. 11:773-780, 1993.
6. Ceccatelli S., **Diana A.**, et al. Neuroreport 6:342-344, 1995.

7. Diaz G., Cappai C., Setzu M.D., **Diana A.** Comp. Meth. and Prog. Biomed. 49:1-9, 1996.
8. Ankarkrona M., Zhivotovsky B., Holmstrom T., **Diana A.**, et al. Neuroreport 7:2659-64, 1996.
9. Diaz G., Setzu MD., **Diana A.**, et al. Microsc. Res. and Tech. 35:359-360, 1996.
10. Ceccatelli S., Ahlbom E., **Diana A.**, et al. Neuroreport 8:3779-3783, 1997.
11. Diaz G., **Diana A.**, et al. Cytometry 29:1-2, 1997.
12. Diaz G., Setzu M.D., Zucca A., Isola R., **Diana A.**, et al. J. Cell Sci. 112:1077-1084, 1999.
13. **Diana A.**, et al. Neuroscience 89:137-147, 1999
14. Diaz G., Isola R., Falchi A.M., **Diana A.** Biotechniques, 27(2):292-4, 1999.
15. **Diana A.**, et al. Int. J. Dev. Neurosci., (2-3):237-46, 2000.
16. Diaz G., Falchi A.M., Gremo F., Isola R., **Diana A.** FEBS Lett.,475(3):218-24, 2000.
17. Isola R., Falchi A.M., **Diana A.**, et al. Cytometry, 41(2):148, 2000.
18. Diaz G., **Diana A.**, et al. IUBMB Life, 51:1-6, 2001.
19. Cocco S., Diaz G., Stancampiano R., **Diana A.**, et al. Neuroscience, 115(2):475-82, 2002.
20. Simic G., **Diana A.**, et al. Prog. Mol. Subcell. Biol., 32:33-48, 2003.
21. Diaz G., Liu S., Isola R., **Diana A.**, et al. Histochem. Cell. Biol., 120(4):319-25, 2003.
22. Falchi A.M., Isola R., **Diana A.**, et al. FEBS J., 272(7):251649-59, 2005 Q1.
23. Fa M., **Diana A.**, et al. Biochim. Biophys. Acta, Sep 5;1736(1):61-6, 2005.
24. Simbula G., Columbano A., Ledda-Columbano G.M., Sanna L., Deidda M., **Diana A.**, et al. Apoptosis, Jan;12(1):113-23, 2007.
25. **Diana A.**, et al. Human neurospheres: lights and shadows in their morpho-functional properties. In "Alternative strategies in neurogenesis and neurodegeneration" Research Signpost Ed. pp. 19-26, 2007.
26. **Diana A.**, et al. Coll. Antropol. 32 Suppl. 1:51-58, 2008.
27. **Diana A.**, et al. Gamma aminobutyric acid (GABA) modulators for amyotrophic lateral sclerosis/motor neuron disease. Protocol, Issue 1, Cochrane Database of Systematic reviews, 2009.
28. Monni E., Congiu T., Massa E., Nat R., **Diana A.** Transl. Neurosci., 2(1):43-48, 2011.
29. Massa D., Pillai R., Monni E., Kokaia Z., **Diana A.** Tran.l Neurosci., 3:242-248, 2012.
30. **Diana A.** Transl. Neurosci., 3:384-387, 2012.
31. Demurtas P., Di Girolamo N., Corrias M., Zucca I., Maxia C., **Diana A.**, et al. Histol. and Histopathol., 28:759-766, 2013.
32. Babic M., Vogrinc Z., **Diana A.**, et al. Transl. Neurosci., 4:234-240,2013.

33. Caboni P., Tronci L., Liori B., Tocco G., Sasanelli N., **Diana A.** Pesticide Biochemistry and Physiology, 112:33-39, 2014.
34. Lecca D., Nevin D.K., Mulas G., Casu M.A., **Diana A.**, et al. Neuroscience, 302:23-35, 2015.
35. **Diana A.**, Carai A 2015. Immunocytochemical phenotype of differentiating neurons. In: Merighi A; Lossi. (Merighi A Lossi L, Immunocytochemistry and Related Techniques, Neuromethods. vol. 101, p. 95-107, New York: Springer Science+Business Media.
36. **Diana A.**, et al. Cochrane Database Syst Rev. Jan 9;1(1), 2017.
37. **Diana A.**, et al. Eur. J. Histochem. Nov 13;61(4):2779, 2017.
38. Murtas D., Maxia C., **Diana A.**, et al. Histochem. Cell. Biol. Dec;148(6):639-649, 2017.
39. Lecca D., Janda E., Mulas G., **Diana A.**, et al. Br. J. Pharmacol. 175(16):3298-3314, 2018.
40. Maxia C., Murtas D., Isola M., Tamma R., Zucca I., Piras F., Ribatti D., **Diana A.**, et al. Mol Vis. Dec 29;.24:853-866, 2018.
41. Murtas D, Pilloni L., **Diana A.**, et al. Histochem. Cell. Biol. Feb;151(2):175-185, 2019.
42. **Diana A.**, et al. Int. J. Mol. Sci. Aug 23;20(17):4123, 2019.
43. **Diana A.**, et al. Brain Sci. Jan 14;10(1):45, 2020.
44. **Diana A.**, et al. Int. J. Mol. Sci. Dec 17;21(24):9630, 2020.
45. **Diana A.**, et al., World J Stem Cells. Dec 26;13(12):1918-1927, 2021.
46. Bongioanni P., Del Carratore R., Corbianco S., **Diana A.**, et al. Environ. Res. 201: 111511. 2021.
47. **Diana A**, Bongioanni P. Glutamate-based treatment for Amyotrophic Lateral Sclerosis/Motor Neuron Disease. Pp 359-380. Chapter book – Glutamate and Neuropsychiatric Disorders, Z.M Pavlovic Editor – Springer, 2022.
48. Bongioanni P, Del Carratore R, Dolciotti C, **Diana A**, Buizza R. Int. J. Environ Res. Public Health. Oct 18;19(20):13429, 2022.
49. Baldini A, Greco A, Lomi M, Giannelli R, Canale P, **Diana A**, Dolciotti C, Del Carratore R, Bongioanni P. Int. J. Mol. Sci. Oct 31;23(21):13289, 2022.
50. Babić Leko M, Mihelčić M, Jurasović J, Nikolac Perković M, Španić E, Sekovanić A, Orct T, Zubčić K, Langer Horvat L, Pleić N, Kidemet-Piskač S, Vogrinc Ž, Pivac N, **Diana A**, Borovečki F, Hof PR, Šimić G. Int. J. Mol. Sci. Dec 27;24(1):467, 2022.
51. Maxia C, Isola M, Grecu E, Cuccu A, Scano A, Orrù G, Di Girolamo N, **Diana A**, Murtas D. Int J Mol Sci. Feb 22;24(5):4329, 2023.
52. Mocci I, Casu MA, Sogos V, Liscia A, Angius R, Cadeddu F, Fanti M, Muroi P, Talani G, **Diana A**, Collu M, Setzu MD. CNS Neurosci Ther. Mar 21. doi: 10.1111/cns.14145, 2023.