

CURRICULUM VITAE

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Date of birth: September 7th, 1970,

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Education:

1989-1993: Undergraduate studies in Biology, Faculty of Sciences, University of Lausanne, Switzerland.

1993: University degree in Biology, University of Lausanne, Switzerland.

1994-1998: Ph.D Student, Department of Pharmacology and Toxicology of the University of Lausanne, Switzerland. Thesis supervisor: Prof. Susanna Cotecchia.

Thesis title: Characterization of the molecular mechanisms involved in the regulation of the α_{1B} -adrenergic receptor.

Professional experience:

2014-present: Associate Professor, Department of Pharmacology and Toxicology of the University of Lausanne, Switzerland.

2008-2014: Tenure track Assistant Professor, Department of Pharmacology and Toxicology of the University of Lausanne, Switzerland.

2007: Senior Lecturer, Faculty of Medicine, University of Lausanne, Switzerland.

2003-2008: Group leader, Department of Pharmacology and Toxicology of the University of Lausanne, Switzerland.

2001-2003: Postdoctoral fellow, Department of Pharmacology and Toxicology of the University of Lausanne, Switzerland.

1998-2001: Postdoctoral fellow and Howard Hughes Medical Institute associate, Vollum Institute, Portland, Oregon, USA (Laboratory of Prof. John D. Scott)

Publication list (2013-2018):

- 1) COTECCHIA S., STANASILA L., **DIVIANI D.** (2013) Protein-protein interactions at the adrenergic receptors. (review) *Curr. Drug Targets*. 13(1):15-27.
- 2) UEZU A., OKADA H., MURAKOSHI H., DEL VESCOVO C. D., YASUDA R., **DIVIANI D.**, SODERLING S. H. (2012) An unnatural amino-acid approach to phototrap and identify phosphotyrosine proteins from subcellular sites *in vivo*. *Proc. Natl. Acad. Sci. U.S.A.* 109 (43): 2929-38.
- 3) **DIVIANI D.**, MARIC D., PEREZ LOPEZ, I., CAVIN S., DEL VESCOVO C. D. (2013) A-kinase anchoring proteins: molecular regulators of the cardiac stress response. *Biochim. Biophys. Acta - Mol. Cell Res.* (review) 1833 (4): 901-908.
- 4) DEL VESCOVO C. D., COTECCHIA S., **DIVIANI D.** (2013) AKAP-Lbc anchors IKK β to support interleukin-6-mediated cardiomyocyte hypertrophy, *Mol. Cell. Biol.* 33(1): 14-27.
- 5) PEREZ LOPEZ I., CARIOLATO L., MARIC D., GILLET L., ABRIEL H., **DIVIANI D.** (2013) The AKAP-Lbc assembles a p38 α activating complex regulating adaptive cardiac hypertrophy. *Mol. Cell Biol.* 33(15): 2903-17.
- 6) CAVIN S., MARIC D., **DIVIANI D.** (2014) A-kinase anchoring protein-Lbc promotes pro-fibrotic signaling in cardiac fibroblasts. *Biochim. Biophys. Acta* 1843 (2): 335-345.
- 7) COTECCHIA S., DEL VESCOVO C. D., COLELLA M., CASO S., **DIVIANI D.** (2015) The alpha1-adrenergic receptors in cardiac hypertrophy: signaling mechanisms and functional implications. *Cell. Signal.* 27 (10): 1984-1993.
- 8) **DIVIANI D.** REGGI E., ARAMBASIC M., CASO S., MARIC D. (2016) Emerging roles of A-kinase anchoring proteins in cardiovascular pathophysiology. *Biochim. Biophys. Acta* 1863(7): 1926-1936.
- 9) CRIPPA S. NEMIR M., OUNZAIN S., IBBERSON M., BERTHONNECHE C., SARRE A., BOISSET G., MAISON D., HARSCHMAN K., XENARIOS I., **DIVIANI D.**, SCHORDERET D., PEDRAZZINI T. (2016) Comparative transcriptome profiling of the injured zebrafish and mouse hearts identifies miRNA-dependent repair pathways. *Cardiovasc. Res.* 110 (1): 73-84.
- 10) **DIVIANI D.**, RAIMONDI F., DEL VESCOVO CD, DREYER E., REGGI E., OSMAN H., RUGGIERI L., GONANO C., CAVIN S., BOX C.L., LENOIR M., OVERDUIN M., BELLUCCI L., SEEBER M., AND FANELLI F. (2016) Small-molecule protein-protein interaction inhibitor of oncogenic Rho signaling. *Cell Chem. Biol.* 23: 1135-1146.
- 11) CASO S., MARIC D., ARAMBASIC M., COTECCHIA S., **DIVIANI D.** (2017) AKAP-Lbc mediates protection against doxorubicin-induced cardiomyocyte toxicity. *Biochim. Biophys. Acta* 1864 (12): 2336-2346.
- 12) REGGI E., **DIVIANI D.** (2017) The role of A-kinase anchoring proteins in cancer development. *Cell. Signal.* 40: 143-155.
- 13) **DIVIANI D.**, OSMAN H., REGGI E. (2018) A-Kinase Anchoring Protein-Lbc: A Molecular Scaffold Involved in Cardiac Protection. *J. Cardiovasc. Dev. Dis.* 5 (1)
- 14) MARIC D., OSMAN H., ARAMBASIC M., PEREZ LOPEZ I., **DIVIANI D.** AKAP2 coordinates a cardioprotective signaling network that limits myocardial infarction-induced heart damage. (submitted)
- 15) REGGI E., LAROSA S., **DIVIANI D.** AKAP2 assembles a cofilin-activating signaling complex that controls prostate cancer cell invasion (manuscript in preparation).

