

Curriculum Vitae

Saverio Belluci Professor, Dr. PhD
d.o.b. June 02, 1967, in Santa Maria del Cedro, Italy

University Education

2002 Habilitation, University of Paris VI, France. "Molecular control of branching Morphogenesis"
1994 PhD, Characterisation of scatter factor-like protein secreted by a metastatic variant of rat bladder carcinoma cell line"

Scientific Career

Since 2014 Adjunct Professor, Wenzhou Medical University, China
Since 2010 W3 Professor, ECCPS, Justus Liebig University, Giessen
2002-2010 Assistant then Associate Professor of Developmental Biology and Regenerative Medicine, Childrens Hospital Los Angeles, California
1998-2002 Staff Scientist INSERM, Group leader in the UMR144/Institut Curie, France
1995-1997 Postdoctoral training, Vanderbilt University, Nashville, Tennessee, USA (Brigid Hogan)

Awards and Honors

2018 Award for stem cell research from the Royan Institute, Teheran, Iran
2018 Award for outstanding collaboration, Wenzhou University, Zhejiang, China 2018

Citation Record

Total citations: 16350 h-index:67; h-index since 2017: 48 (Google Scholar september 20th, 2022)

Top-10 selected Publications

Negah Ahmadvand, Farhad Khosravi, Arun Lingampally, Roxana Wasnick, Ivonne Vazquez-Armendariz, Gianni Carraro, Monika Heiner, Stefano Rivetti, Yuqing Lv, Jochen Wilhelm, Andreas Gunther, Susanne Herold, Denise Al Alam, Chengshui Chen, Parviz Minoo, Jin-San Zhang, Saverio Bellusci (2021) Identification of a novel subset of alveolar type 2 cells expanding following pneumonectomy and enriched in PD-L1. **European Respiratory Journal** 58(5):2004168

Sara Taghizadeh, Negah Ahmadvand, Monika Heiner, Jochen Wilhelm, Susane Herold, Chengshui Chen, JinSan Zhang, Saverio Bellusci (2021) Characterization in mice of the stromal niche maintaining AT2 stem cell self-renewal in homeostasis and disease. **Stem Cells** 39(10):1382-1394

Moiseenko, A., Vasquez-Armendariz AI, Kheirollahi V, Chu X, Tata A, Rivetti S, Gunther S, Lebrigand K, Herold S, Braun T, Mari B, De Langhe S, Kwapiszewska G, Gunther A, Chen C, Seeger W, Tata PR, Zhang JS, Bellusci S, El Agha E (2020) Identification of a repair-supportive mesenchymal cell population during airway epithelial regeneration. **Cell Reports** 33(12): 108549

Shrestha, A., Carraro, G., Mari, B., Nottet, N., Vasquez-Armendariz, A.I., Herold, S., Cordero, J., Singh, I., Barreto, G., Wilhelm, J., Gunther, S., El Agha, E., Chao, C.M., Morty, R., Zhang, J.S., **Bellusci, S.** (2019) Evidence that *miR-142* plays a critical role in alveolar epithelial lineage formation during lung development. **Cellular and Molecular Life Sciences**, 76(14):2817-2832

Kheirollahi, V, Wasnick, R, Valentina Biasin, V., Vasquez-Armendariz, A. I., Chu, X., Moiseenko, A., Weiss, A., Wilhelm, J., Zhang, J.S., Kwapiszewska, G., Herold, H., Schermuly, R.T., Seeger, W., Günther, A., **Bellusci, S#.** and El Agha, E#. (2019) Antidiabetic agent, metformin, accelerates resolution of pulmonary fibrosis by altering myofibroblast fate. **Nature Communication**, 10(1):2987 (#: Co-corresponding authors).

Chao, C-M., Yahya, F., Moiseenko, A., Tiozzo, C., Shrestha, A., Ahmadvand, N., El Agha, E., Quantius, J., Dilai, S., Kheirollahi, V., Jones, M., Wilhem, J., Carraro, G., Ehrhardt, H., Zimmer, K-P., Barreto, G., Ahlbrecht, K., E. Morty, R.E., Herold, S., Abellar, R.G., Seeger, W., Schermuly, S., Zhang, J-S., Minoo P., and **Bellusci, S.** (2017) *Fgf10* deficiency is causative for hyperoxia-induced lethality in mouse neonates. **Journal of Pathology**, 241(1):91-103

El Agha, E., Moiseenko, A., Kheirollahi, V., De Langhe, S., Cmkovic, S., Szibor, M., Kosanovic, D., Kwapiszewska, G., Kosanovic, D., Schwind, F., Schermuly, R.T., Henneke, I., MacKenzie, B., Quantius, J., Herold, S., Ahlbrecht, K., Braun, T., Morty, R.E., Gunther, A., Seeger, W. and **Bellusci, S.** (2017) Two-way conversion between lipogenic and myogenic fibroblastic phenotypes marks the progression and resolution of lung fibrosis. **Cell Stem Cell**, 20(2):261-273

Moiseenko, A., Chao CM, Kheirollahi, V., Quantius, J., Wilhelm, J., Herold, S., Ahlbrecht, K., Morty, R.E., Rizvanov, A., Minoo, P. El Agha, E#., **Bellusci, S#.** (2017) Origin and characterization of airway and vascular smooth muscle cells as well as alveolar myofibroblast progenitors during lung development. **Stem cells**, 20(2):261-273 (#: Co-corresponding author)

Al Alam D., El Agha, E., Sakurai, R., Kheirollahi, V., Moiseenko, A., Danopoulos, S., Shrestha, S., Schmoltdt, C., Quantius, J., Herold, S., Chao, C-M., Tiozzo, C., De Langhe, S., Plikus, M.V., Thornton, M., Grubbs, B., Minoo, P., Rehan, V.K. and **Bellusci, S.** (2015) Evidence for the involvement of Fibroblast Growth Factor 10 in lipofibroblast formation during embryonic lung development. **Development**, 142(23):4139-50

Gupte, V.V., Ramasamy, S.K., Reddy, R., Lee, J., Weinreb P. H., Violette S. M., Guenther A., Warburton, D., Driscoll, B., Minoo, P. and **Bellusci, S.** (2009) Overexpression of Fibroblast Growth Factor 10 (FGF10) both during the inflammatory and the fibrotic phases attenuates bleomycin-induced pulmonary fibrosis in mice. **American Journal of Critical Care and Respiratory Medicine** 180(5):424-36