Stanford



Maria Rosaria Vitale

Postdoctoral Scholar, Cardiovascular Institute

Bio

STANFORD ADVISORS

- Han Zhu, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Generation of an induced pluripotent stem cell line (SCVIi192-A) from a patient with immune checkpoint inhibitor-induced myocarditis and concurrent type 1 diabetes.** *Stem cell research*
  Lee, M. K., Vitale, M. R., Sun, Y., Wagner, N. S., Sundar, H. A., Sun, S., Ramchandran, A., Khatua, S., Chou, H., Huang, Y. V., Zhuge, Y., Wu, J. C., Zhu, et al
  2026; 97: 104124

- **Zanubrutinib monotherapy for IgG4-related head and neck disease.** *Annals of the rheumatic diseases*
  Baker, M. C., Gawde, S., Horomanski, A., Fairchild, R. M., Liu, Y., Mikelov, A., Sun, Y., Vitale, M. R., Maestri, E., Held, F., Deluna, M., Park, W. G., Siddiqi, et al
  2026

- **Generation of three induced pluripotent stem cell lines from an immune checkpoint inhibitor-induced myocarditis patient and controls.** *Stem cell research*
  Sun, Y., Vitale, M. R., Hnatiuk, A. P., Wagner, N. S., Sun, S., Yang, X., Liu, L., Khatua, S., Sundar, H. A., Chou, H., Huang, Y. V., Waliany, S., Zhuge, et al
  2026; 95: 104057

- ** <underline>Uncovering the Role of T-Cell and Fibroblast Crosstalk in Immunotherapy-Induced Myocarditis</underline>
**
  Wagner, N., Vitale, M., Sun, Y., Zambrano, M., Bayer, A., Alcaide, P., Moslehi, J., Zhu, H.
  LIPPINCOTT WILLIAMS & WILKINS.2025

- **Novel Therapeutic Approach Targeting CXCR3 to Treat Immunotherapy Myocarditis.** *Circulation research*
  Huang, Y. V., Sun, Y., Chou, H., Wagner, N., Vitale, M. R., Bayer, A. L., Xu, B., Lee, D., Lin, Z., Branche, C., Waliany, S., Neal, J. W., Wakelee, et al
  2025

- **Generation of a ST3GAL3 null mutant induced pluripotent stem cell (iPSC) line (UKWMPi002-A-3) by CRISPR/Cas9 genome editing.** *Stem cell research*
  Diouf, D., Vitale, M. R., Zöller, J. E., Pineau, A. M., Klopocki, E., Hamann, C., Ziegler, G. C., Vanmierlo, T., Van den Hove, D., Lesch, K. P.
  2023; 67: 103038

- **Generation of multiple human iPSC lines from peripheral blood mononuclear cells of two SLC2A3 deletion and two SLC2A3 duplication carriers.** *Stem cell research*
  Ziegler, G. C., Radtke, F., Vitale, M. R., Preuße, A., Klopocki, E., Herms, S., Lesch, K. P.
  2021; 56: 102526

- **A Common CDH13 Variant Is Associated with Low Agreeableness and Neural Responses to Working Memory Tasks in ADHD.** *Genes*

Ziegler, G. C., Ehlis, A. C., Weber, H., Vitale, M. R., Zöller, J. E., Ku, H. P., Schiele, M. A., Kürbitz, L. I., Romanos, M., Pauli, P., Kalisch, R., Zwanzger, P., Domschke, et al

2021; 12 (9)

- **Cadherin-13 is a critical regulator of GABAergic modulation in human stem-cell-derived neuronal networks** *MOLECULAR PSYCHIATRY*

  Mossink, B., Van Rhijn, J., Wang, S., Linda, K., Vitale, M. R., Zoller, J. E. M., van Hugte, E. J. H., Bak, J., Verboven, A. H. A., Selten, M., Negwer, M., Latour, B. L., van der Werf, et al

  2022; 27 (1): 1-18

- **Generation of induced pluripotent stem cell (iPSC) lines carrying a heterozygous (UKWMPi002-A-1) and null mutant knockout (UKWMPi002-A-2) of Cadherin 13 associated with neurodevelopmental disorders using CRISPR/Cas9.** *Stem cell research*

  Vitale, M. R., Zöller, J. E., Jansch, C., Janz, A., Edenhofer, F., Klopocki, E., van den Hove, D., Vanmierlo, T., Rivero, O., Nadif Kasri, N., Ziegler, G. C., Lesch, K. P.

  2021; 51: 102169

- **Serotonin-specific neurons differentiated from human iPSCs form distinct subtypes with synaptic protein assembly.** *Journal of neural transmission (Vienna, Austria : 1996)*

  Jansch, C., Ziegler, G. C., Forero, A., Gredy, S., Wäldchen, S., Vitale, M. R., Svirin, E., Zöller, J. E., Waider, J., Günther, K., Edenhofer, F., Sauer, M., Wischmeyer, et al

  2021; 128 (2): 225-241