

## Ariel Bacaner Ganz

Basic Science Life Science Research Scientist, Genetics

### Publications

---

#### PUBLICATIONS

- **Inquiry Based Stress Reduction (IBSR) Improves Overall Stuttering Experience among Adults Who Stutter: A Randomized Controlled Trial.** *Journal of clinical medicine*  
Feldman, O., Goldstien, E., Rolnik, B., Ganz, A. B., Lev-Ari, S.  
2021; 10 (10)
- **Non-Traditional Immersive Seminar Enhances Learning by Promoting Greater Physiological and Psychological Engagement Compared to a Traditional Lecture Format.** *Physiology & behavior*  
Wilson, J. M., Gheith, R. H., Lowery, R. P., Reber, D. D., Stefan, M. W., Koche, L. S., Rolnik, B. M., Ganz, A. B., Sharp, M. H.  
2021: 113461
- **Inquiry Based Stress Reduction (IBSR) Improves Overall Stuttering Experience among Adults Who Stutter: A Randomized Controlled Trial** *JOURNAL OF CLINICAL MEDICINE*  
Feldman, O., Goldstien, E., Rolnik, B., Ganz, A. B., Lev-Ari, S.  
2021; 10 (10)
- **Effect of Inquiry-Based Stress Reduction (IBSR) Intervention on Well-Being, Resilience and Burnout of Teachers during the COVID-19 Pandemic.** *International journal of environmental research and public health*  
Zadok-Gurman, T., Jakobovich, R., Dvash, E., Zafrani, K., Rolnik, B., Ganz, A. B., Lev-Ari, S.  
2021; 18 (7)
- **Pre-symptomatic detection of COVID-19 from smartwatch data.** *Nature biomedical engineering*  
Mishra, T., Wang, M., Metwally, A. A., Bogu, G. K., Brooks, A. W., Bahmani, A., Alavi, A., Celli, A., Higgs, E., Dagan-Rosenfeld, O., Fay, B., Kirkpatrick, S., Kellogg, et al  
2020
- **The Effect of Inquiry-Based Stress Reduction on Teacher Burnout: A Controlled Trial.** *Brain sciences*  
Schneider-Levi, L., Ganz, A. B., Zafrani, K., Goldman, Z., Mitnik, I., Rolnik, B., Lev-Ari, S.  
2020; 10 (7)
- **Pledging intellectual property for COVID-19.** *Nature biotechnology*  
Contreras, J. L., Eisen, M. n., Ganz, A. n., Lemley, M. n., Molloy, J. n., Peters, D. M., Tietze, F. n.  
2020; 38 (10): 1146–49
- **A longitudinal big data approach for precision health** *NATURE MEDICINE*  
Rose, S., Contrepois, K., Moneghetti, K. J., Zhou, W., Mishra, T., Mataraso, S., Dagan-Rosenfeld, O., Ganz, A. B., Dunn, J., Hornburg, D., Rego, S., Perelman, D., Ahadi, et al  
2019; 25 (5): 792+
- **A longitudinal big data approach for precision health.** *Nature medicine*  
Schüssler-Fioranza Rose, S. M., Contrepois, K. n., Moneghetti, K. J., Zhou, W. n., Mishra, T. n., Mataraso, S. n., Dagan-Rosenfeld, O. n., Ganz, A. B., Dunn, J. n., Hornburg, D. n., Rego, S. n., Perelman, D. n., Ahadi, et al  
2019; 25 (5): 792–804
- **Vitamin D binding protein rs7041 genotype alters vitamin D metabolism in pregnant women** *FASEB JOURNAL*  
Ganz, A. B., Park, H., Malysheva, O. V., Caudill, M. A.  
2018; 32 (4): 2012–20

- **Common Genetic Variants Alter Metabolism and Influence Dietary Choline Requirements** *NUTRIENTS*  
Ganz, A. B., Klatt, K. C., Caudill, M. A.  
2017; 9 (8)
- **Genetic Variation in Choline-Metabolizing Enzymes Alters Choline Dynamics in Women Meeting Current Dietary Recommendations**  
Ganz, A., Cohen, V. V., Swersky, C. C., Stover, J. A., Vitiello, G. A., Lovesky, J., Chuang, J., Shields, K., Fomin, V. G., Lopez, Y. S., Mohan, S., Ganti, A., Carrier, et al  
FEDERATION AMER SOC EXP BIOL.2017
- **The initial stages of melting of graphene between 4000 K and 6000 K** *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*  
Ganz, E., Ganz, A. B., Yang, L., Dornfeld, M.  
2017; 19 (5): 3756–62
- **Genetic Variation in Choline-Metabolizing Enzymes Alters Choline Metabolism in Young Women Consuming Choline Intakes Meeting Current Recommendations** *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*  
Ganz, A. B., Cohen, V. V., Swersky, C. C., Stover, J., Vitiello, G. A., Lovesky, J., Chuang, J. C., Shields, K., Fomin, V. G., Lopez, Y. S., Mohan, S., Ganti, A., Carrier, et al  
2017; 18 (2)
- **Computational Study of Quasi-2D Liquid State in Free Standing Platinum, Silver, Gold, and Copper Monolayers.** *Condensed matter*  
Yang, L., Ganz, A. B., Dornfeld, M., Ganz, E.  
2016; 1 (1)
- **Genetic impairments in folate enzymes increase dependence on dietary choline for phosphatidylcholine production at the expense of betaine synthesis** *FASEB JOURNAL*  
Ganz, A. B., Shields, K., Fomin, V. G., Lopez, Y. S., Mohan, S., Lovesky, J., Chuang, J. C., Ganti, A., Carrier, B., Yan, J., Taeswuan, S., Cohen, V. V., Swersky, et al  
2016; 30 (10): 3321–33
- **Genetic Factors Influence Choline Dynamics in Pregnant and Lactating Women**  
Ganz, A., Shields, K., Yan, J., Cohen, V., Swersky, C., Formin, V., Stover, J., Lovesky, J., Mohan, S., Lopez, Y., Chuang, J., Carrier, B., Vitiello, et al  
FEDERATION AMER SOC EXP BIOL.2015