

Elenco delle pubblicazioni :

1. Davide Ronchi, Elena Maria Tosca, Isaia Ravasi, Roberta Bartolucci, Paolo Magni - Facing the limits of the genetic algorithms for covariate selection - PAGE 30 (2022) Abstr 10098 [www.pagemeeeting.org/?abstract=10098]
2. Tosca, E.M., Ronchi, D., Rocchetti, M. *et al.* Predicting Tumor Volume Doubling Time and Progression-Free Survival in Untreated Patients from Patient-Derived-Xenograft (PDX) Models: A Translational Model-Based Approach. *AAPS J* **26**, 92 (2024). <https://doi.org/10.1208/s12248-024-00960-4>
3. Ronchi D, Tosca EM, Bartolucci R, Magni P. Go beyond the limits of genetic algorithm in daily covariate selection practice. *J Pharmacokinet Pharmacodyn*. 2023 Jul 26. doi: 10.1007/s10928-023- 09875-7. Epub ahead of print. PMID: 37493851.
4. Tosca, E.M.; Ronchi, D.; Facciolo, D.; Magni, P. Replacement, Reduction, and Refinement of Animal Experiments in Anticancer Drug Development: The Contribution of 3D In Vitro Cancer Models in the Drug Efficacy Assessment. *Biomedicines* **2023**, *11*, 1058.
5. Davide Ronchi, Elena Maria Tosca, Silvia De Siervi, Cristian Turato, Marco Gaetano Lolicato, Paolo Magni. Model-based analysis of patient-derived organoids for evaluating anticancer drugs - PAGE 31 (2023) Abstr 10452 [www.page-meeting.org/?abstract=10452]
6. Elena Maria Tosca, Davide Ronchi, Marzio Cossali, Martina Zavettieri, Maurizio Rocchetti, Paolo Magni. Predicting tumor volume doubling time and progression-free survival curves in cancer patients from patient-derived-xenograft (PDX) models: a translational model-based population approach drugs - PAGE 31 (2023) Abstr 10576 [www.page-meeting.org/?abstract=10576]
7. De Carlo A, Ronchi D, Piastra M, Tosca EM, Magni P. Predicting ADMET Properties from Molecule SMILE: A Bottom-Up Approach Using Attention-Based Graph Neural Networks. *Pharmaceutics*. 2024; 16(6):776. <https://doi.org/10.3390/pharmaceutics16060776>
8. Davide Ronchi, Elena Maria Tosca, Emmanuelle Comets, Julie Bertrand, Paolo Magni. Translational modeling of tumor response to treatment: bridging preclinical to clinical studies. PAGE 32 (2024) Abstr 11049 [www.page-meeting.org/?abstract=11049]
9. Tosca EM, De Carlo A, Ronchi D, Magni P. Model-Informed Reinforcement Learning for Enabling Precision Dosing Via Adaptive Dosing. *Clin Pharmacol Ther*. 2024 Sep;116(3):619-636. doi: 10.1002/cpt.3356. Epub 2024 Jul 11. PMID: 38989560.
10. L. Aiello, E. M. Tosca, D. Ronchi, G. Ceccarelli, R. Listro, S. Collina, P. Magni. Modeling tumor growth inhibition in Glioblastoma spheroids after exposure to RC-106, a novel sigma receptors modulator. PAGE 32 (2024) Abstr 11218 [www.page-meeting.org/?abstract=11218]