



2019 NOMINEE BIOSKETCH FORM

NAME	Tomasz Burzykowski
PRESENT POSITION	Full Professor of Biostatistics, Center for Statistics, Hasselt University, Belgium Visiting Professor of Biostatistics, Medical University of Bialystok, Poland VP Research, IDDI, Louvain-la-Neuve, Belgium
DEGREES	MSc in Applications of Mathematics, Warsaw University, Poland (1990) MSc in Biostatistics, Hasselt University, Belgium (1991) PhD in Mathematics (Biostatistics), Hasselt University, Belgium (2001)
MAIN RESEARCH INTERESTS	<ol style="list-style-type: none"> 1. Clinical trials methodology 2. Surrogate endpoints 3. Meta-analysis 4. Survival analysis 5. Statistical bioinformatics
SELECTED PUBLICATIONS IN CLINICAL BIOSTATISTICS (LIMIT TO 5)	<ol style="list-style-type: none"> 1. Buyse M, <u>Burzykowski T</u>, Parmar M, Torri V, Omura G, Colombo N, Williams C, Conte P, Vermorken J (2003) Using the “expected” survival to explain differences between the results of randomized trials: a case in advanced ovarian cancer. <i>Journal of Clinical Oncology</i>, 21 (9), 1682-1687. 2. <u>Burzykowski T</u>, Molenberghs G, Buyse M (2004) The validation of surrogate end points by using data from randomized clinical trials: a case-study in advanced colorectal cancer. <i>Journal of the Royal Statistical Society A</i>, 167, 103-124. 3. <u>Burzykowski T</u>, Buyse M (2006) Surrogate threshold effect: An alternative measure for meta-analytic surrogate endpoint validation. <i>Pharmaceutical Statistics</i>, 5, 173-186. 4. <u>Burzykowski T</u>, Buyse M (2011) The correlation structure of longitudinal measurements of vision in patients with macular degeneration. <i>Pharmaceutical Statistics</i>, 10, 115-121. 5. Garcia Barrado L, Coart E, <u>Burzykowski T</u> (2017) Estimation of diagnostic accuracy of a combination of continuous biomarkers allowing for conditional dependence between the biomarkers and the imperfect reference-test. <i>Biometrics</i>, 73, 646-655.
PAST AND CURRENT PARTICIPATION IN ISCB ACTIVITIES	Executive Committee member (2011-2015; 2017-present)
GOALS AND VISION FOR THE ISCB	ISCB should maintain its role in facilitating contacts and exchange of ideas and knowledge between the members. New ways of supporting the members and promoting the profession could be explored by considering the use of, e.g., the new communication and social media technologies. Importantly, the Society should consider initiatives towards extending access to biostatistical education, especially in regions where such an access is limited, by, for instance, offering courses conducted with the help of modern (distance-learning) educational methods.