

FORWARD TO MILITARY RESEARCH

It is with great honor that I write a forward for this issue of *Review of the Air Force Academy*, Romanian journal dedicated to military research, and I'd like to thank the editorial board: Lt Col Associate Prof Marian Pearsică, PhD, Capt Adrian Lesenciuc, Associate Prof Doru Luculescu, PhD, Lecturer Diana Ilișoi, PhD, and Capt Laurian Gherman for a such opportunity and for their initiative of launching an important journal in the world.

Unfortunately, Science History was not very friendly with the Romanian scientists, and important results by some of our prominent men were simply ignored by world scientific community.

I cite a few examples where the World Science History was unfair to Romanians:

- Recently Gheorghe Benga and his group have discovered the presence and location of the first water channel protein in the human red blood cell membrane in 1986, before Peter Agre. Benga and his group proposed in the same year further studies consisting in purification of protein and reconstitution in lipid vesicles.
- Ștefan Odobleja (1902-1978) created the psychocybernetics and the generalized cybernetics in 1938-1939, ten years before Norbert Wiener! Odobleja, based on observations, intuition, and rationality, set up a cybernetic model that he called "The Consonantist Psychology", which was presented in <Psychological Abstracts> in 1941.
- The savant Nicolae Paulescu (1869-1931) discovered the insulin used in the treatment of the diabetes in 1922 (that he called "pancreina"), before Frederick Banting and his team. Not his work was recognized, but also he was virulently denigrated.
- Gabriel Sudan is the first mathematician to have constructed a recursive function that is not a primitive recursive function, before Wilhelm Ackermann. Sudan worked with functions of transfinite ordinals, while Ackermann with functions of natural numbers. Yet, David Hilbert cited Ackermann, whence today's *Ackermann Function*, but never Sudan, although both were Hilbert's students.

Now, in the third millennium, we hope that scientific research of small countries, such as ours, should not be ignored or denigrated any longer. It has to be incorporated in the human thesaurus that it belongs to.

For the future we would like to see more scientific names, ideas and theories from our country recognized in the universal science and culture.

And we believe the *Review of the Air Force Academy* Romanian journal should fully contribute to this imperative.

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