

Editorial Note - Workshop 2019:**BIOSCIENCES IN POLAR AND ALPINE RESEARCH**November 21st 2019, Faculty of Science, Masaryk University Brno<http://www.sci.muni.cz/biosciences/>

Fig. 1. Attendants of the afternoon section of the 6th workshop BIOSCIENCES IN POLAR AND ALPINE RESEARCH (November 2019). From left to right (standing persons): J. Zámečník (Prague, CZ), Andrea Hojdová (Brno, CZ), Michaela Bednaříková (Brno, CZ), O. Pěňčík (Brno, CZ), M. Zeman (Brno, CZ), N. M. G. Giudici (Naples, Italy), M. Barták (Brno, CZ), P. Váczi (Brno, CZ), J. Kvíderová (Č. Budějovice, CZ), B. Cahová (Brno, CZ), L. Nedbalová, (Prague, CZ), A. Orekhova (Brno, CZ). Lower row: D. Remias (Applied University Upper Austria in Wels, Austria), J. Procházková (Praha, CZ). Photo by © J. Hájek.

The 5th workshop Biosciences in Biosciences in Polar and Alpine Research was held on November 19-20, 2020. The workshop was organized at the Faculty of Science, University Campus Bohunice, Masaryk University, Brno, Czech Republic. The meeting was international having guests from Austria, Poland, and Italy. The workshop provided a platform for data presentation, exchange of professional knowledge and formation of interdisciplinary approaches in polar research. Lectures were presented in the following sections: (1) Polar and alpine autotrophs, their ecophysiology and significance for functioning of ecosystems, (2) Polar and alpine heterotrophic organisms – State of art and current questions in polar microbiology, (3) Physical, and chemical factors forming polar and alpine environments – niches for biological colonization, (4) Ecology, physiology, molecular biology and genetics of polar and alpine animals, and (5) Man and polar regions (expeditions, social life, education and popularization, outreaches, interlinks). Apart of interdisciplinarity of the meeting, the intention was to promote co-operation between particular national and international teams working in the field of polar research. Last but not least, attention was devoted to information link to young generation. That was why several students projects, including secondary school ones, were presented. The participants of the 'Biosciences 2019' appreciated friendly and informal organization of the workshop as well as its great potential for future. Extended abstracts from the workshop 'Biosciences 2019' are presented as a part of CPR, Vol. 10, No. 1, 2020.