**International Conferences**

1. **5th International Workshop on Ice Caves (IWIC-V)**, Barzio, Italy, September 16 - 23, 2012.

* *Microbial biodiversity in ice sediments from Scarisoara Ice Cave (Romania*). Hillebrand-Voiculescu A, Itcus C, Ardelean I, Rusu A, Persoiu A, Brad T, Popa E, Onac BP, Purcarea C. Oral presentation.

2. **A New Approach of the Academic Research in Biology**, IBB Annual Conference, Bucharest, December 11-12, 2012.

* *Microbial Diversity in the Subterranean Ice Deposits of Scărişoara Cave*. Hillebrand-Voiculescu A, Itcus C, Rusu A, Ardelean I, Pascu D, Persoiu A, Brad T, Popa E, Onac BP, Purcarea C. Oral presentation;
* *Cell growth and DGGE analysis of microorganisms from Scarisoara Cave ice sediments*. Itcus C, Hillebrand-Voiculescu A, Pascu D, Persoiu A, Brad T, Purcarea C. Poster.

3. **16th International Congress of Speleology**, Brno, Czech Republic, July 21 - 28, 2013.

* *Unravelling underground ice microcosms*. Hillebrand-Voiculescu A, Itcus C, Rusu A, Popa E, Pascu D, Ardelean I, Persoiu A, Brad T, Onac BP, Purcarea C. Oral presentation.
* *Molecular analysis of microorganisms diversity from perrenial underground ice sediments*. Itcus C, Hillebrand-Voiculescu A, Pascu D, Ardelean I, Persoiu A, Brad T, Purcarea C. Poster.

4. **16th International Conference on Polar and Alpine Microbiology,** Big Sky, MT, USA, September 8-12, 2013

* *Diversity of ice embedded microorganisms from Scarisoara Cave, Romania*. Itcus C, Hillebrand-Voiculescu A, Pascu D, Rusu A, Ardelean I, Persoiu A, Brad T, Popa E, Onac BP, Purcarea C. Oral presentation.

5. **International Workshop “Life in the cold”**, Leeds, UK, November 28, 2013

* *Cultured and uncultured microorganisms from perrenial cave ice.* Itcus C, Hillebrand-Voiculescu A, Pascu D, Persoiu A, Brad T, Purcarea C. Poster.
* *Phototrophs in ice cave and supraglacial summer pond*. Pascu D, Ardelean I, Itcus C, Hillebrand-Voiculescu A, Persoiu A, Brad T, Purcarea C. Poster.

6. **10th International Congress on Extremophiles,** Sankt Petersburg, Russia,September6-11, 2014

* *Diversity of cultured and uncultured ice cave microbiota***,** Itcus C, Pascu D, Hillebrand-Voiculescu A, Brad T, Persoiu A, Ardelean I, Purcarea C. Oral presentation

**7. 1st International Symposium of the Young Researchers in BioScience,** Cluj-Napoca, Romania, July 23-27, 2014

* *Molecular analysis of bacterial diversity from Scarisoara Ice Cave.* IţcuşC, PascuDM, Hillebrand-Voiculescu A, Brad T, PerşoiuA, PurcareaC. Oral presentation
* *Metabolic activity and diversity of phototrophs from Scarisoara Ice Cave.* PascuDM,IţcuşC, Ardelean I, Cirnu M, Hillebrand-VoiculescuA, Brad T, Perşoiu A, PurcareaC. Oral presentation

1. 6th International Conference of Polar and Alpine Microbiology, Ceske Budejovice, Czeck Republic, September 6-10, 2015.

* Prokaryotic community structure across the ice block of Scarisoara cave determined by 454 pyrosequencing. Itcus C, Pascu D, Hillebrand-Voiculescu A, Brad T, Persoiu A, Onac BP, Purcarea C. Poster
* Diversity of phototrophic bacteria in Scarisoara Ice Cave. Itcus C, Pascu D, Hillebrand-Voiculescu A, Brad T, Persoiu A, Onac BP, PurcareaC**.** Poster
* Diversity of phototrophic bacteria in Scarisoara ice cave. Pascu D, Itcus C, Ardelean I, Cirnu M, Hillebrand-Voiculescu A, Brad T, Persoiu A, Purcarea C.Poster.
* Biosynthesis of gold nanoparticles (GNP) by a cryotolerant microalga isolated from Scarisoara ice cave (Romania). Ardelean I, Pascu D, Moisescu C, Barzan A, Itcus C, Purcarea C. Poster.

1. **23rd International Karstological School and 50th Anniversary of the International Union of Speleology.** Postojna, Slovenia, 15-21 June, 2015

* Ice caves – history of research, present status and prospects for future. Persoiu A. Oral presentation.

1. **2nd International Symposium Young Researchers in BioSciences,** Cluj Napoca, Romania, 20-26 July, 2015.

* **Bacterial diversity in perennial ice deposits from Scarisoara Ice Cave.** Itcus C, Pascu D, Hillebrand-Voiculescu A, Brad T, Persoiu A, Purcarea C. Poster
* **Molecular and microbiological study of phototrophs from Scarisoara Ice.** Pascu D, Itcus C, Cirnu M, Hillebrand-Voiculescu A, Brad T, Persoiu A, Ardelean I, Purcarea C.Poster.

1. **7th International Workshop on Ice Caves (IWIC VII)**, Postojna, Slovenia, 16-22 May 2016,

* **Stable isotopes in cave ice: tracking changes in moisture source in Eastern Europe**. Persoiu A, Badaluta C, Onac BP. Oral presentation
* **Cultured bacterial diversity in Scarisoara ice cave.** ItcusC, Pascu MD, Hillebrand-VoiculescuA, PersoiuA, BradT, Purcarea C. Poster
* **Distribution of bacteria and archaea in the ice block of Scarisoara cave (Romania).**ItcusC, Pascu MD, Hillebrand-VoiculescuA, BradT, Persoiu A, Onac BP, Purcarea C. Poster

1. **European Geosciences Union General Assembly**, April 17-22, 2016, Vienna, Austria

* **The climatic signal recorded in Scărișoara Ice Cave (Apuseni Mountains, Romania) during the last millennium**. Badaluta C, Persoiu A. Oral presentation

1. **PAGES - Past Global Changes symposium "Central and Eastern Europe paleoscience symposium: from local to global",** May 23-24, 2016, Cluj-Napoca, Romania

* **Fungi in perrenial cave ice.** Brad T, Itcus C, Pascu MD, Persoiu A, Hillebrand-Voiculescu AM, Purcarea C. Poster

1. **International ICUB Conference "Natural versus anthropogenic causes of climate variability and feedback from bio-geo-chemical processes"**, October 18-22, 2016, Bucharest, Romania

* *Stable isotopes in sedimentary archives as proxies of past climate changes*. Persoiu A. Oral presentation

**National Conferences**

**1. National Symposium “Criosfera 2013",** Piatra Neamt, February 21-24, 2013

* + *Identificarea microorganismelor din pestera "Ghetarul Scarisoara” – cultivarea microorganismelor si analiza DGGE*. Itcus C, Hillebrand-Voiculescu AM, Pascu D, Persoiu A, Brad T, Purcarea C. Oral presentation.

**2. 53th ScientificAnnual Session of the Institute of Biology Bucharest of teh Romanian Academy,** Bucharest,December10, 2013.

* + *Evidentierea microorganismelor fototrofe in gheata perena din Pestera Scarisoara*. Pascu D, Ardelean I, Itcus C, Hillebrand-Voiculescu A, Persoiu A, Brad T, Purcarea C. Oral presentation.
  + *Diversitatea microorganismelor din pestera Ghetarul Scarisoara*. Itcus C, Hillebrand-Voiculescu A, Pascu MD, Persoiu A, Brad T, Purcarea C. Oral presentation.

**3. National Congress of Romanian Society of Cell Biology, 32nd Annual Scientific Session of RSCB,** Targu-Mures, June 4-7, 2014

* *Scarisoara Ice Cave Microcosm.* Iţcuş C, Hillebrand-Voiculescu A, Pascu D, Brad T, Perşoiu A, Purcărea C. Oral presentation.
* *Phototrophs from Scarisoara cave ice block.* Pascu D, Iţcuş C, Cirnu M, Hillebrand-Voiculescu A, Brad T, Perşoiu A, Ardelean I, Purcărea C. Oral presentation.

**4. National Symposium “Criosfera 2014“,** Bucharest, May 15-18, 2014

* *Biodiversity from perennial underground ice caves sediments*.Iţcuş C, Pascu D, Hillebrand-Voiculescu A, Brad T, Perşoiu A, Purcărea C. Oral presentation.
* *What phototrophs live in nice caves?* Pascu D**,** Iţcuş C, Ardelean I, Hillebrand-Voiculescu A, Brad T, Perşoiu A, Purcărea C. Oral presentation.

**5. National Symposium “Criosfera 2015“,** Piatra-Neamt, November 28-30, 2015

* Structural diversity of cultured bacteria from the ice block of Scarisoara Cave. Iţcuş C, Pascu D, Hillebrand-Voiculescu A, Perşoiu A, Brad T, Purcărea C. Poster

**6. A 56-a Sesiune Anuală de Comunicări Ştiinţifice a Institutului de Biologie Bucureşti**, 9 december 2016, Bucharest

* Comunitǎţi microbiene din peştera Gheţarul Scǎrişoara. ItcusC, Pascu MD, Hillebrand-VoiculescuA, PersoiuA, BradT, Ardelean I, Purcarea C. Oral presentation