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G-quadruplexes in Prague: a Bohemian Rhapsody**The Sixth International Meeting on Quadruplex Nucleic Acids (31 May – 3 June 2017)****Michael O'Hagan,*^a Jean-Louis Mergny,^{b,c} Zoë Ann Ella Waller*^{d,e}****a) School of Chemistry, University of Bristol, Cantock's Close, Bristol, BS1 1TS, UK****b) Univ. Bordeaux, ARNA Laboratory, Inserm U1212, CNRS UMR 5320, IECB, F-33600, France****c) Institute of Biophysics, AS CR, v.v.i. Kralovopolska 135, 612 65 Brno, (Czech Republic)****d) School of Pharmacy, University of East Anglia, Norwich Research Park, Norwich, NR4 7TJ, UK****e) Centre for Molecular and Structural Biochemistry, University of East Anglia, Norwich Research Park, Norwich, NR4 7TJ, UK****Abstract**

The Sixth International Meeting on Quadruplex Nucleic Acids was held at the Hotel Internationale in Prague, Czech Republic from 31 May – 3 June 2017. A vibrant interdisciplinary community of almost over 300 scientists gathered to share their newest results in this exciting field and exchange ideas for further investigations.

1. What, where and who?

The biannual meeting on quadruplex nucleic acids, this year affectionately termed the 'G4thering', is firmly on every quadruplex enthusiast's calendar. Following several successful conferences over the past decade [1-5] this year's meeting, based at the Hotel International in Prague (*Figure 1*), was eagerly anticipated by a record number of delegates travelling from far and wide to join the conversation (*Table 1*).

Table 1: Details for each G-quadruplex meeting to date

Year	Venue	Participants
2007	Louisville, KY, USA	104
2009	Louisville, KY, USA	100
2011	Sorrento, Italy	170
2013	Singapore	160
2015	Bordeaux, France	285
2017	Prague, Czech Republic	307

A rich community of chemists, biologists and theoreticians from across the globe, the G-quadruplex field is nothing if not diverse.

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