

## 9th International THz-Bio Workshop



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## This is Your Brain on 5G

The rapidly expanding release of 5G wireless communications networks has spurred renewed concerns regarding the interactions of these higher radio frequencies with living species. In this study we examine in detail the relationship between RF exposure levels and absorption in ex vivo bovine brain tissue and a brain simulating gel at 1.9 GHz, 4 GHz and 39 GHz as relevant to the current (4G), and upcoming (5G) spectra.

### type of presentation

invited

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