

## Commentary

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## Research

- 1153 **The Acute Transcriptomic and Proteomic Response of HC-04 Hepatoma Cells to Hepatocyte Growth Factor and its Implications for *Plasmodium falciparum* Sporozoite Invasion**  
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- 1262 **Phenol Soluble Modulin (PSM) Variants of Community-Associated Methicillin-Resistant *Staphylococcus aureus* (MRSA) Captured Using Mass Spectrometry-Based Molecular Networking**  
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On the cover: Mandelbrot fractal trace of the human hepatocellular carcinoma cell line, HC-04, at 24 hours following treatment with hepatocyte growth factor (HGF). The cells are stained for  $\alpha$ -tubulin (Red) and nuclear DNA (Blue). Our study compared the proteomic changes following HGF treatment of HC-04, which is known to support invasion and development of the human malaria parasite, *Plasmodium falciparum* versus the commonly used HepG2 cell line, which does not. For details, see the article by Dingyin Tao *et al.*, pages 1153–1164.

- 1273 **Quantitative Phosphoproteomics Unravels Biased Phosphorylation of Serotonin 2A Receptor at Ser<sup>280</sup> by Hallucinogenic versus Nonhallucinogenic Agonists**  
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