

# Molecular Omics

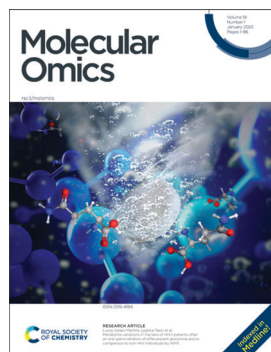
Research and reviews in omic sciences, including genomics, proteomics, transcriptomics, metabolomics, glycomics and lipidomics

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### Cover

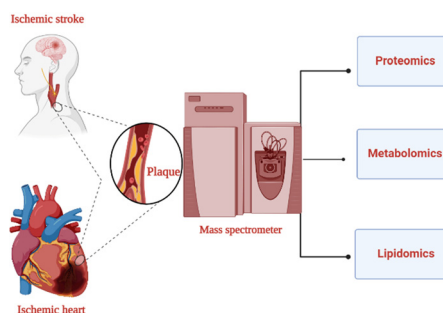
See Lucas Gelain Martins, Ljubica Tasic *et al.*, pp. 27-34.  
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## REVIEW

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### Defining atherosclerotic plaque biology by mass spectrometry-based omics approaches

Mahesh Chandran, Sudhina S., Abhirami, Akash Chandran, Abdul Jaleel and Janeesh Plakkal Ayyappan\*

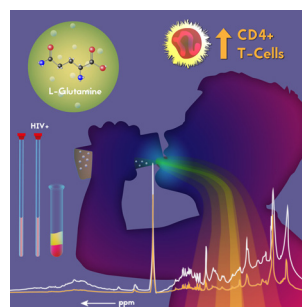


## RESEARCH ARTICLES

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### Metabolite variations in the sera of HIV+ patients after an oral administration of effervescent glutamine and in comparison to non-HIV individuals by NMR

Lucas Gelain Martins,\* Natália Fregonesi, Roberto Barbosa Bazotte, Jeane Eliete Laguila Visentainer and Ljubica Tasic\*



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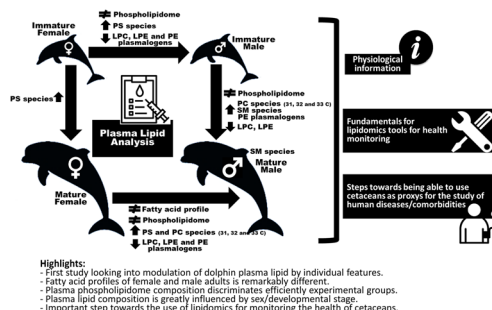
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## RESEARCH ARTICLES

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## The plasma phospholipidome of the bottlenose dolphin (*Tursiops truncatus*) is modulated by both sex and developmental stage

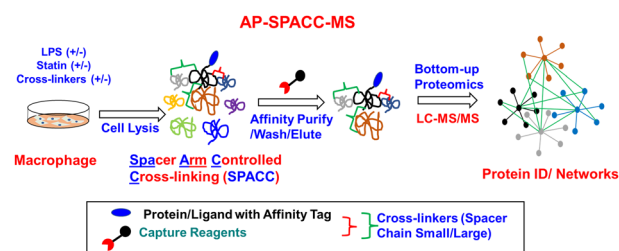
João P. Monteiro,\* Helena B. Ferreira, Tânia Melo, Carla Flanagan, Nuno Urbani, João Neves, Pedro Domingues and M. Rosário Domingues



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## Lipopolysaccharide and statin-mediated immune-responsive protein networks revealed in macrophages through affinity purification spacer-arm controlled cross-linking (AP-SPACC) proteomics

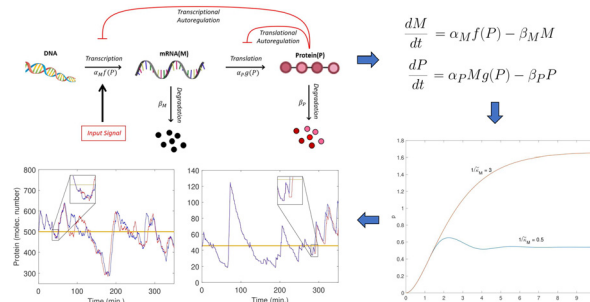
Abu Hena Mostafa Kamal, Jayanta K. Chakrabarty and Saiful M. Chowdhury\*



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Christopher Ryzowicz and Necmettin Yildirim\*



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Zhirong Zhou, Tong Li, Ruijiao Du, Chengjuan Liu, Shengjie Huang, Lifeng Han, Peng Zhang, Yuefei Wang and Miaomiao Jiang\*

