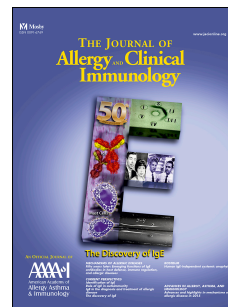


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Biological exacerbation clusters demonstrate asthma and COPD overlap with distinct mediator and microbiome profiles

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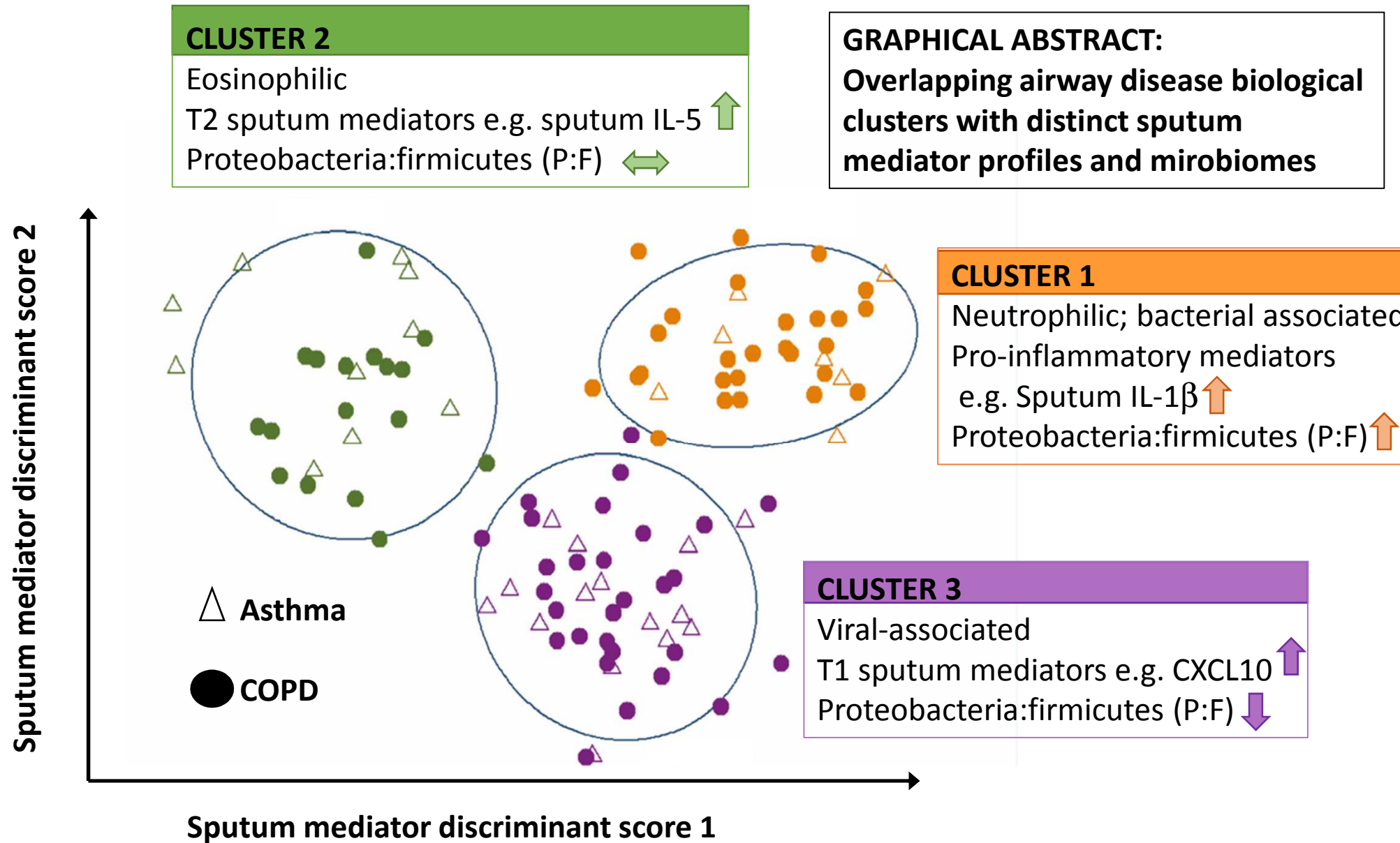
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