



SESSION BIOS 6

TITLE	Enzymatic cascades for bioluminescence detection and biosensors		
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ABSTRACT	<p>Enzymatic cascades for bioluminescence detections can contribute to various innovative applications. Because enzymatic reactions are rapid and high specificity, the link to bioluminescence detection can be used for detecting metabolites in clinical diagnostics or chemicals in food industry. In addition, enzymatic cascades can also be linked to bioluminescence reactions for detection of toxic chemicals and cellular metabolites for understanding cellular mechanisms.</p> <p>The development of new technologies by merging between high specificity of enzyme reactions that can be linked with bioluminescence reaction can provide novel and practical tools for various applications.</p>		
KEYWORDS	Enzymatic cascade, Bioluminescence, Biosensor		