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Comparative activity of silver based antimicrobial composites for urinary catheters

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**Highlight**

- Elemental and ionic silver can be melt blended to prepare antimicrobial composites with long-term antibacterial activity.
- Antibacterial properties of elemental silver are significantly higher in the broth dilution versus Kirby Bauer method.
- Ion release studies indicate that elemental silver provides a longer-term antibacterial activity with ions released over 84 days compared to 56 days for the ionic form.

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