

## **Illustrative diagram referenced as 'scheme of soluble-compound autoradiography'**

### **Contributors**

Wilkins, Maurice, 1916-2004

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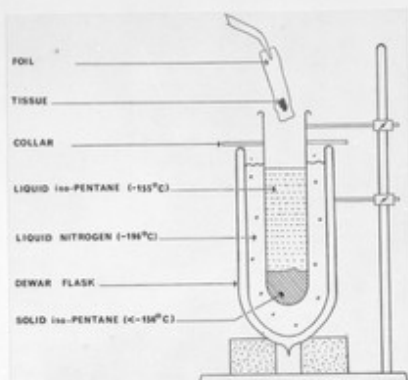
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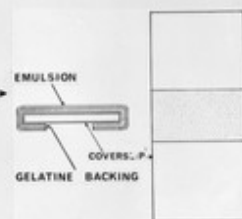
## Scheme of Soluble - compound autoradiography



TISSUES FROZEN BY IMMERSION  
 IN iso-PENTANE COOLED WITH LIQUID NITROGEN



SECTIONS CUT ON A  
 CRYOSTAT (refrigerated microtome)  
 OPERATED IN A DARKROOM  
 UNDER A SAFELIGHT



FROZEN SECTIONS 'PICKED  
 UP' BY TOUCHING COLD FILMS (-5°C)  
 AGAINST SECTIONS (-25°C)

AUTORADIOGRAPHS EXPOSED AT  
 -25°C, SECTIONS REMAIN FROZEN



MOUNTING THE COMPLETED PREPARATION

FILMS PROCESSED:  
 SECTIONS STAINED

SECTIONS FIXED  
 Acetic alcohol,  
 Formaldehyde, etc.

