

PROCESSI di VALORIZZAZIONE di BIOMASSE

MEDIANTE RECUPERO di



NANOTUBI ???

SI'I'I'I' grazie !!!!

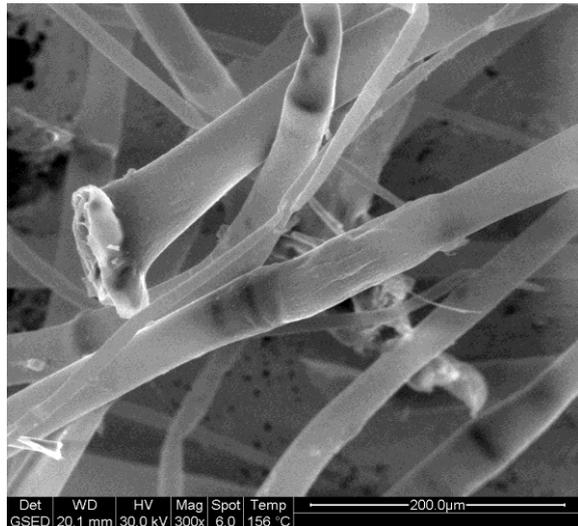
.. soprattutto se di ORIGINE NATURALE

... alcuni esempi :

... di un fascio di *aculei steliari di ortica* (*tricomi lunghi*).

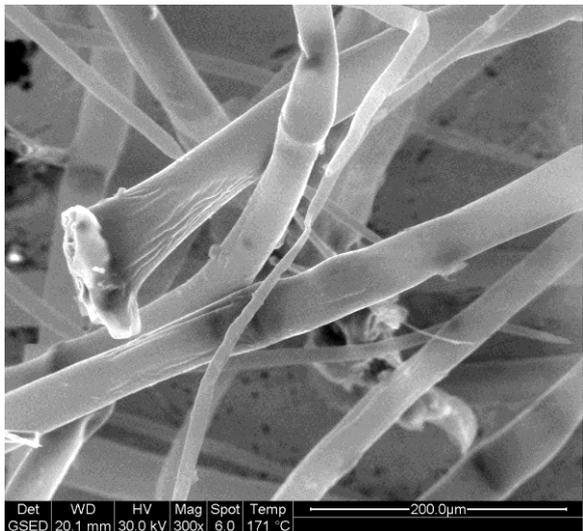


150x



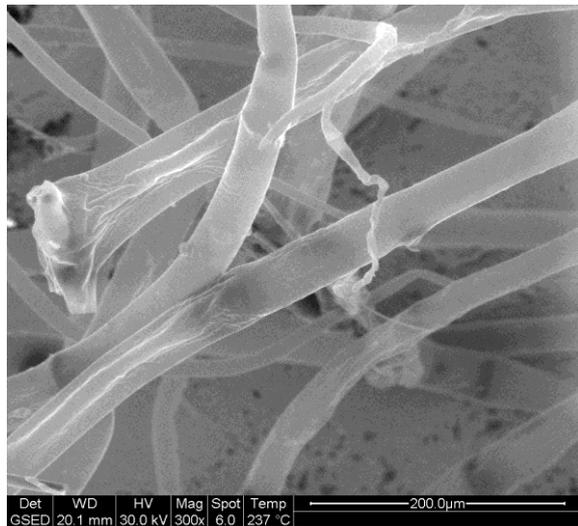
Det WD HV Mag Spot Temp
GSED 20.1 mm 30.0 kV 300x 6.0 156 °C

T = 156 °C, 300x



Det WD HV Mag Spot Temp
GSED 20.1 mm 30.0 kV 300x 6.0 171 °C

T = 171 °C, 300x

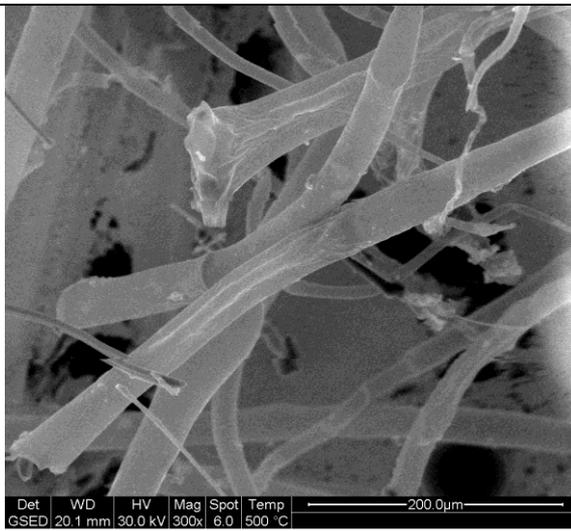


Det WD HV Mag Spot Temp
GSED 20.1 mm 30.0 kV 300x 6.0 237 °C

T = 237 °C, 300x



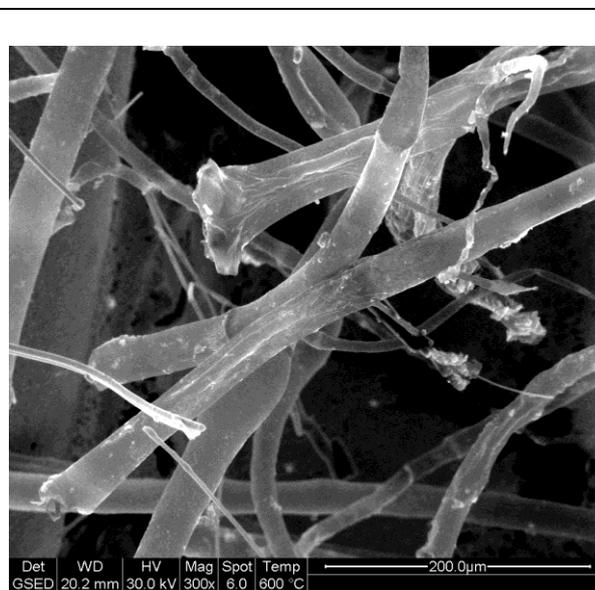
T = 404 °C, 300x



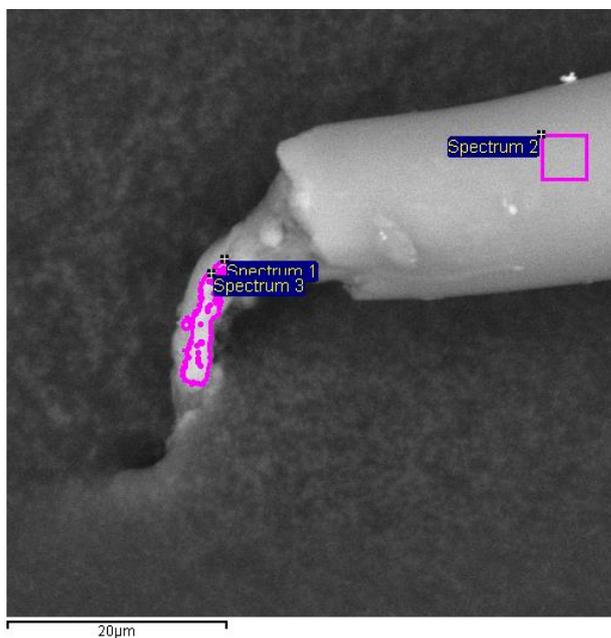
T = 500 °C, 300x



T = 500 °C, 1200x



T = 600 °C, 300x

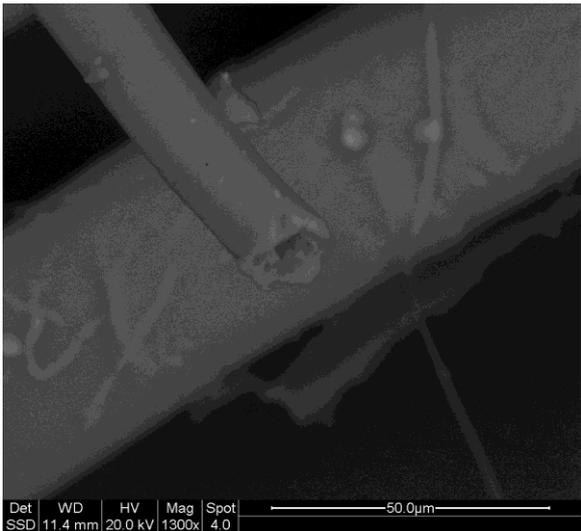
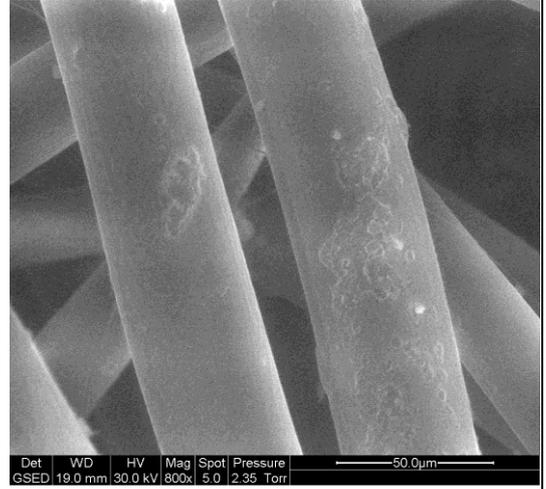


➤ Rosa canina

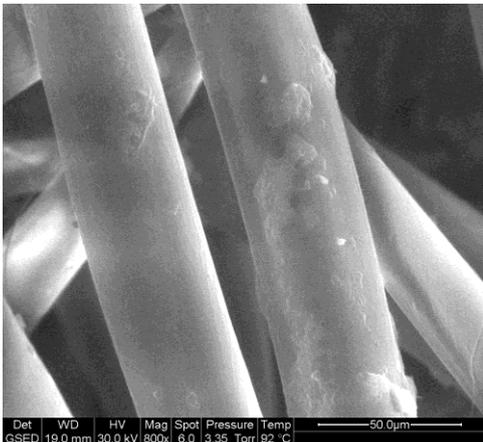
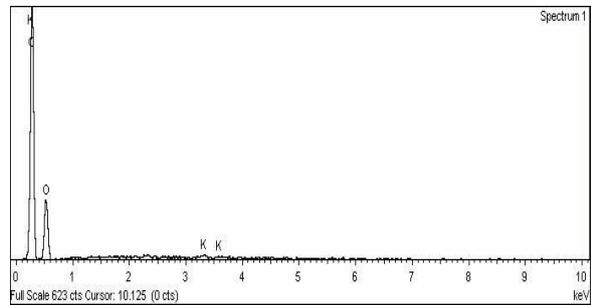
Immagini SEM - EDS di un fascio di microfibrille da bacche di rosa canina a diversi ingrandimenti.

200x

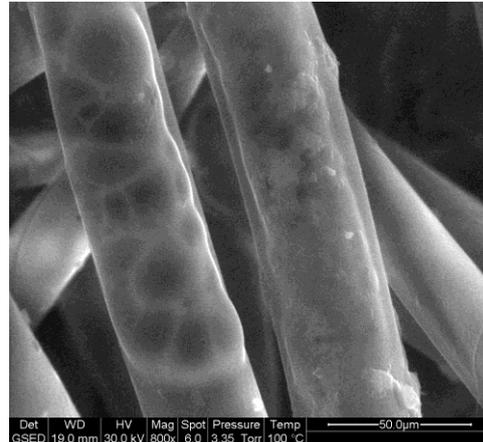
800x



1300x



T = 92 °C



T = 100 °C

Fig.3.1: Immagine SEM di un fascio microfibrroso laterale da seme di **catalpa**.

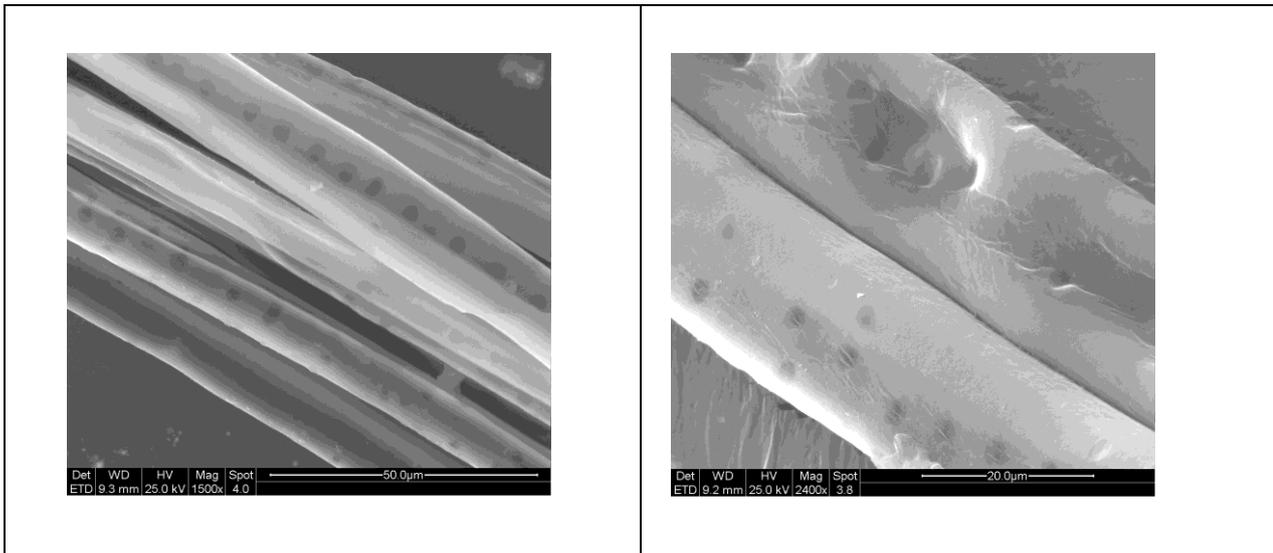


Fig.3.2: Immagine SEM di un fascio fibroso da seme di catalpa, 1500x.

Fig.3.3: Immagine SEM di un fascio fibroso di seme di catalpa, 2000x.