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A surface-ribbon hybrid image showing the topology of the RNA Pol III-TFIIB-DNA complex. RNA polymerase III (Pol III) catalyses the transcription of short RNAs that are essential for protein synthesis during cell growth. Two studies from the labs of Alessandro Vannini and Christoph Müller describe cryo-electron microscopy structures of the yeast Pol III pre-initiation complex bound to promoter DNA in various functional states. [PAGES 295 & 301](#)

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COVER IMAGE: ALESSANDRO VANNINI/JOHANNES CLAUDIUS (PHOSPHO-BIOMEDICAL ANIMATION)