



THE MIDBODY AND MIDBODY REMNANT ARE ASSEMBLY SITES FOR RNA AND ACTIVE TRANSLATION

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The Invention

UW-Madison researchers have discovered that the midbody (MB) functions as an RNA-based organelle with active translation activity, which serves as a novel means of RNA-based intercellular communication. The inventors have found that the midbody (MB) is a site of ribonucleoprotein assembly and is enriched in a population of mRNAs that encode proteins involved in cell fate, oncogenesis, and pluripotency. The MB is translationally active, contains both small and large ribosomal subunits, and has both membrane-less and membrane-bound states.

Additional Information

For More Information About the Inventors

- [Ahna Skop](#)

Tech Fields

- [Diagnostics & Biomarkers : Diagnostics](#)

For current licensing status, please contact Jennifer Gottwald at jennifer@warf.org or 608-960-9854