# Abstract **JNCCN-320**

### Plinabulin, a Potent Inducer of Haptoglobin Production for the Prevention BeyondSpring Tissue Iron Overload in Patients Receiving Blood Transfusions Chronically PHARMACEUTICALS Ramon W. Mohanlal, MD, PhD, MBA<sup>1</sup>; Lan Huang, PhD<sup>1</sup><sup>1</sup>BeyondSpring Pharmaceuticals Inc., New York, NY

Marrow causes Increased Morbidity in Cancer Survivors



leads to progressive organ dysfunction.

- and Fe is safety processed through Transferrin
- deposited in tissues leading to tissue Iron Overload

## Plinabulin is a Novel Immune-Enhancing Agent with:

- $\blacktriangleright$  Anticancer Activity (ASCO-CITC 2018)
- 2018,2019)
- Avoidance of Thrombocytopenia (IASLC 2018)



Program	Indication	Trial name	Precli nical	Phase 1	Phase 2	Phase 3	Commerci rights
Plinabulin + docetaxel	NSCLC (2 <sup>nd</sup> /3 <sup>rd</sup> line)	Study 103	Phase	3 primary end poin	t met at interii	m analysis	Global <sup>1</sup>
Plinabulin Plinabulin + pegfilgrastim	CIN	Study 105 Study 106	Phase 3 first interim data analysis completed			Global <sup>1</sup>	
Plinabulin + nivolumab	NSCLC (2 <sup>nd</sup> /3 <sup>rd</sup> line)	Fred Hutch/Univ. Washington/UCSD					Global <sup>1</sup>
Plinabulin + nivolumab + ipilimumab	SCLC	Rutgers University					Global <sup>1</sup>
Plinabulin + PD-1/PD-L1 + radiation/chemo	Various cancers (2 <sup>nd</sup> /3 <sup>rd</sup> line)	MD Anderson					Global <sup>1</sup>