



**P. DE VLADAR, HAROLD, Parmenides Foundation**

Harold de Vladar is a cell biologist, statistical physicist and artist with a main focus on evolutionary biology.

He purposely escapes any disciplinary categorisation and researches on a wide range of subjects spanning genetics, evolution, structural biology, ecology, cancer, synthetic biology, art&science, neuroscience, language, culture and others.

Harold has a creative pulse for interdisciplinary methods and is successful in identifying analogies across subjects that give new ways to understand and study evolving systems, such as a statistical-mechanical view of population genetics, an evolutionary description of language and culture, etc.

His strength is theoretical but, being of maker culture, he also masters experimental biology; this has empowered him to create a startup company, Ribbon Synthetic Biolabs, which aims –without modesty– to enable the growth of synthetic biology by automating the industrial production of DNA molecules of sub-genomic lengths.

Harold intellectually roots himself with haunting foundational questions of science. He was a Senior Fellow in iASK and, besides being founder and CSO of Ribbon Synthetic Biolabs, he is a researcher in the HAS and in Parmenides Foundation, near Munich.