Supporting Information

Supporting Information S1. UV–vis spectra of $[VO(chrysin)_2EtOH]_2$ (0.02 M) in DMSO solution (A) and $[VO(chrysin)_2EtOH]_2$ (0.0001 M) in RPMI medium with 0,5% of DMSO (pH= 7.4) (B)

Supporting Information S2. List of up- and down-regulated proteins identified in the treatment with 25 μM of $[VO(chrysin)_2EtOH]_2$ during 3 h. The name, subcellular location and Cy5/Cy3 ratio values are given for each protein.

Supporting Information S3. List of up- and down-regulated proteins identified in the treatment with 25 μM of $[VO(chrysin)_2EtOH]_2$ during 6 h. The name, subcellular location and Cy5/Cy3 ratio values are given for each protein.

Supporting Information S4. List of up- and down-regulated proteins identified in the treatment with 100 μM of $[VO(chrysin)_2EtOH]_2$ during 6 h. The name, subcellular location and Cy5/Cy3 ratio values are given for each protein.

Supporting Information S5. Functional annotation of up-regulated proteins identified in the treatment with 25 μM of $[VO(chrysin)_2EtOH]_2$ during 3 h.

Supporting Information S6. Functional annotation of down-regulated proteins identified in the treatment with 25 μM of $[VO(chrysin)_2EtOH]_2$ during 6 h.

Supporting Information S7. Functional annotation of up-regulated proteins identified in the treatment with 25 μM of $[VO(chrysin)_2EtOH]_2$ during 6 h.

Supporting Information S8. Functional annotation of down-regulated proteins identified in the treatment with 100 μM of $[VO(chrysin)_2EtOH]_2$ during 6 h.

Supporting Information S9. Functional annotation of up-regulated proteins identified in the treatment with 100 μM of $[VO(chrysin)_2EtOH]_2$ during 6 h.

Supporting Information S10. List of vanadium compounds that up- and down-regulated cell signaling pathways identified in the literature.