

Exploring the activity and essentiality of the Δ -6 desaturase in *Trypanosoma brucei*

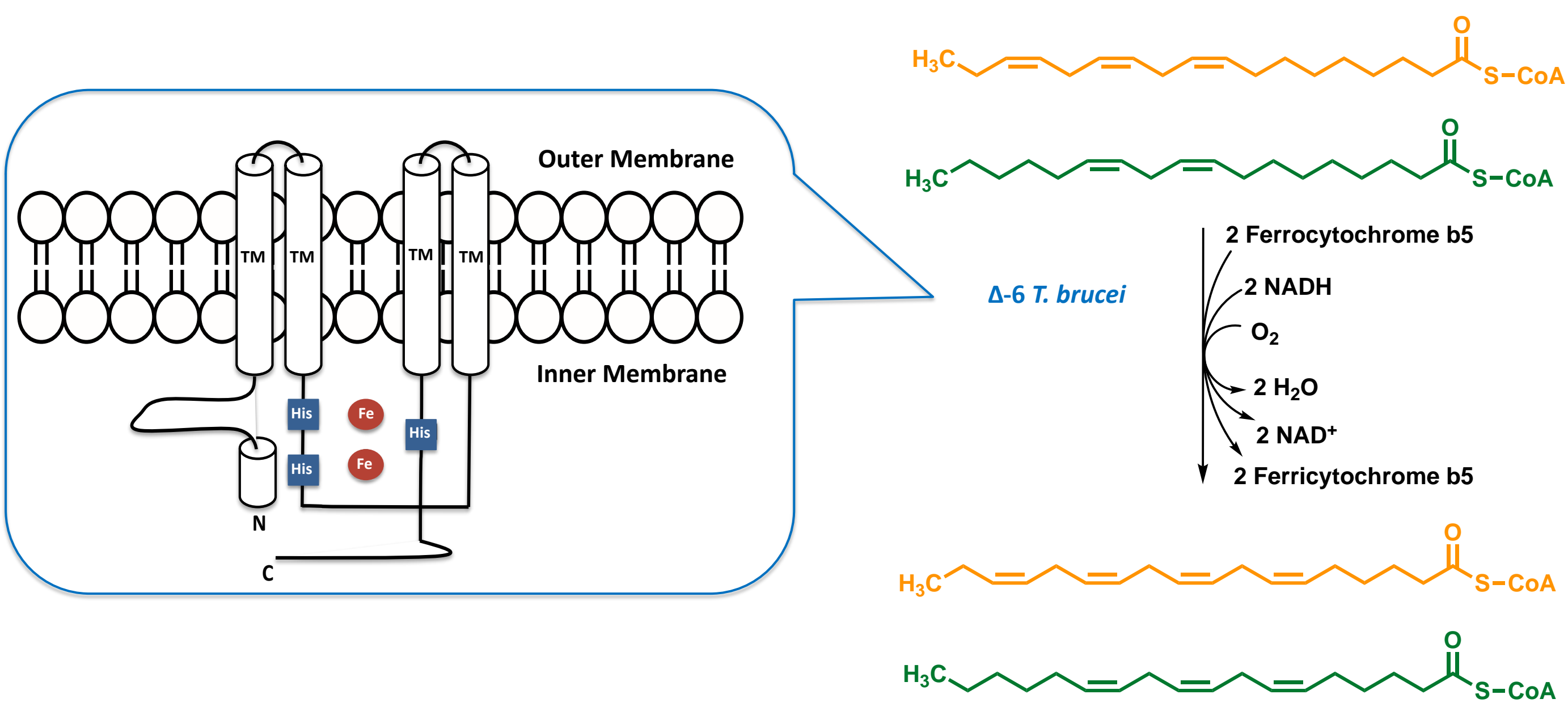
Michela Cerone^a and Terry K Smith^a

University of St Andrews

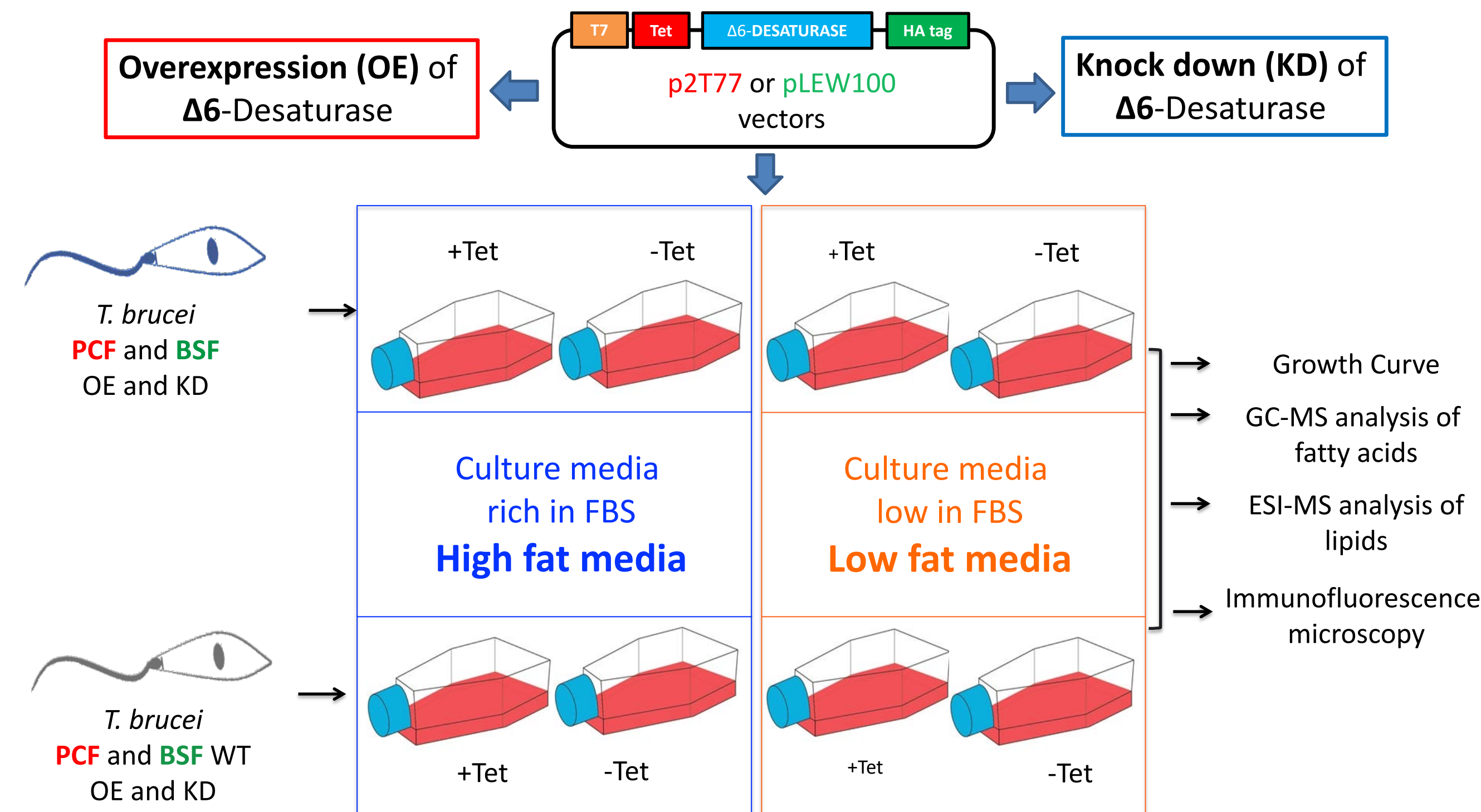
^aSchool of Chemistry, BSRC, University of St Andrews, North Haugh, St Andrews, Fife, Scotland, UK



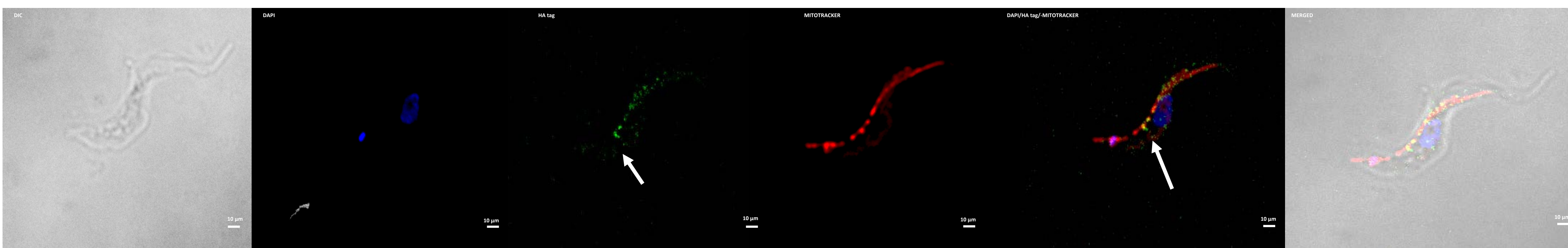
1. How does Δ 6-desaturase from *T. brucei* work?



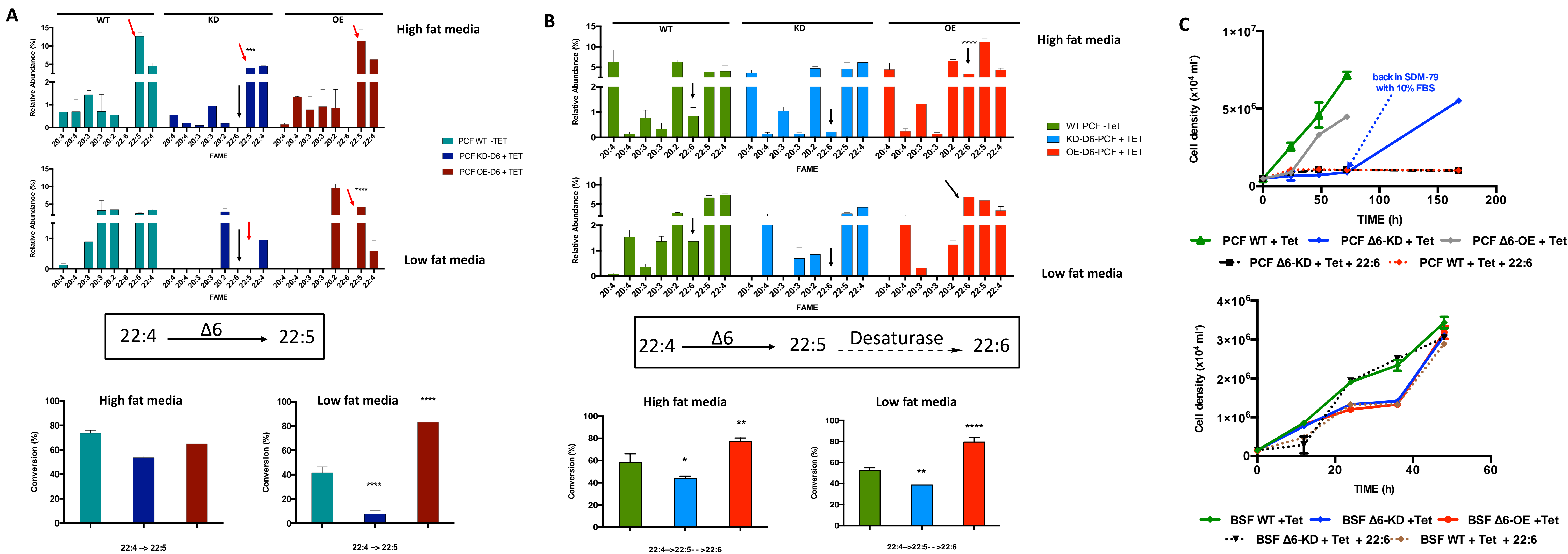
2. Our approach: looking for a phenotype



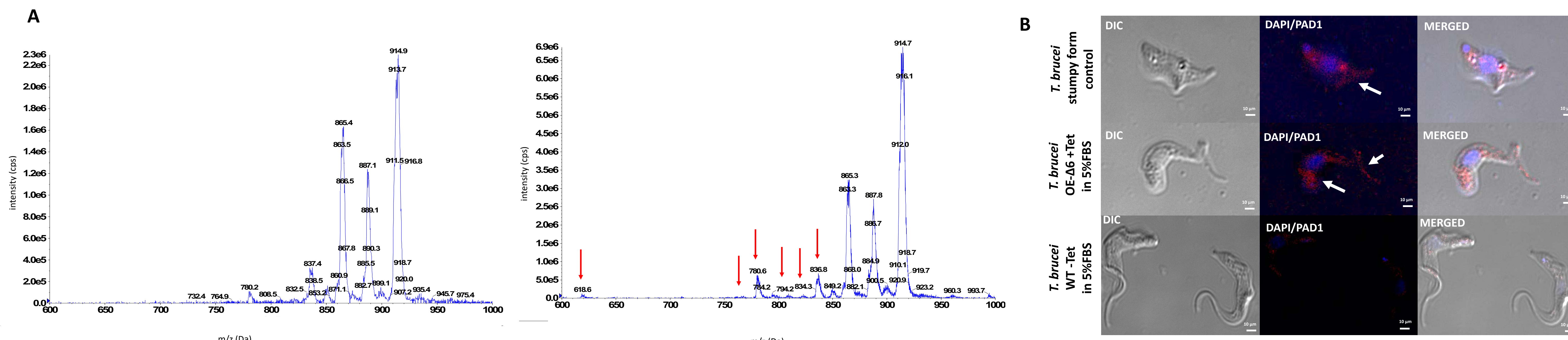
3. Looking for a phenotype: polyunsaturated fatty acids production and growth curve



4. Looking for a phenotype: polyunsaturated fatty acids production and growth curve



5. Looking for a phenotype: inositolphosphoryl-ceramide (IPC) production in OE- Δ 6 in BSF



Reference

Nat. Rev. Mol. Cel. Bio., 1, 31-39 (2000); Nat., 459, 213-217(2009).

Acknowledgments

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