

Osobno iskustvo i pogled na translacijska istraživanja

Šalković-Petrišić, Melita

Conference presentation / Izlaganje na skupu

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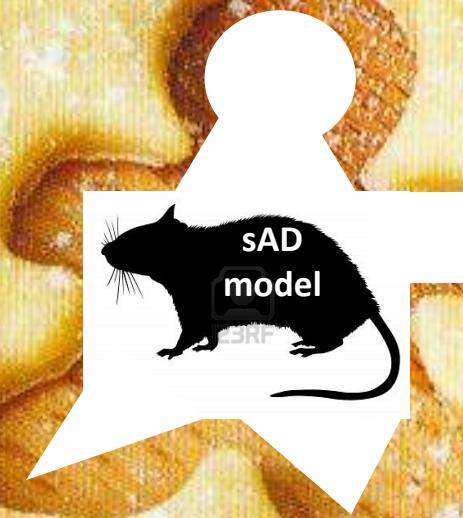
Zagreb, 15. 06. 2012.

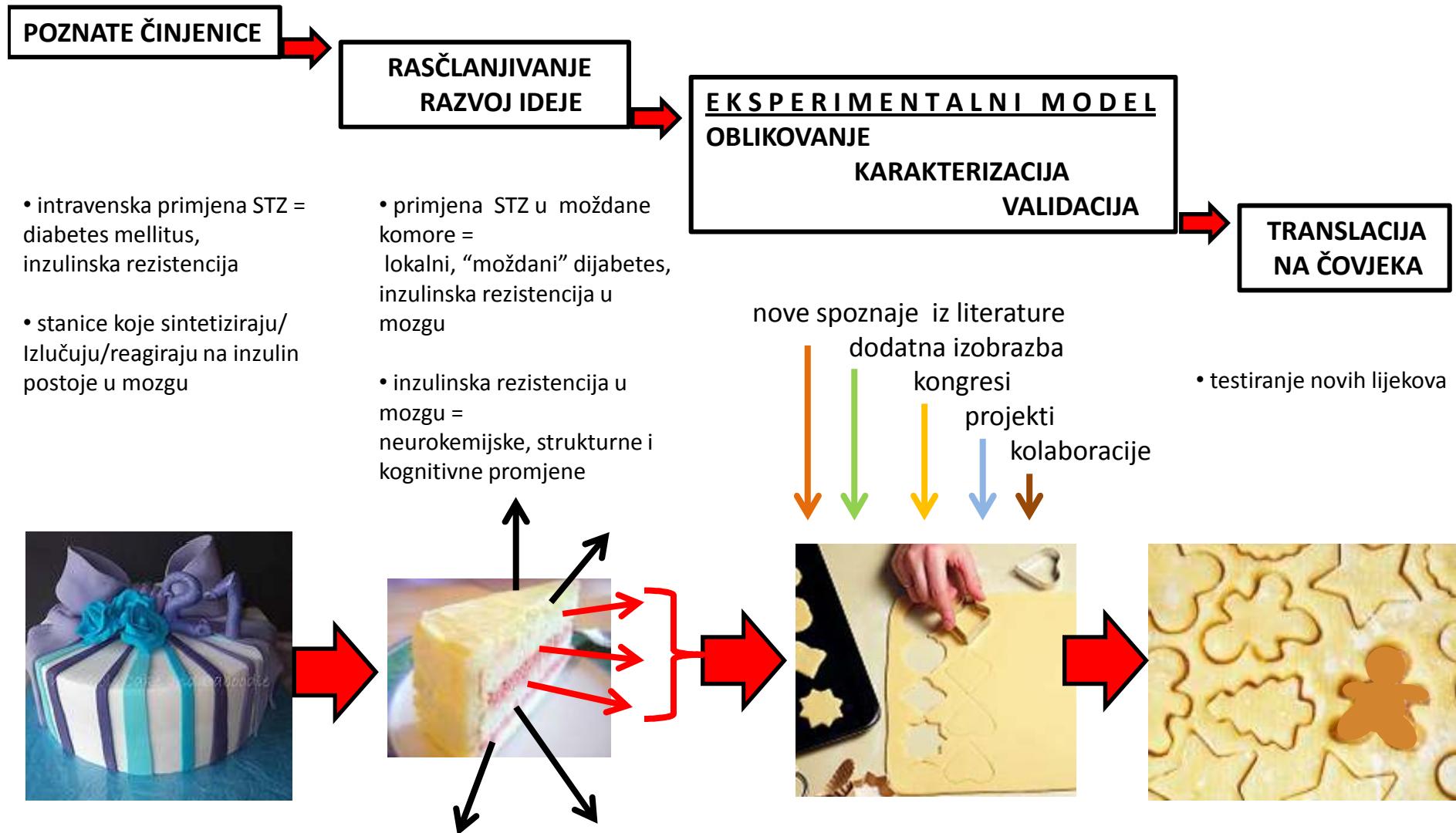
OSOBNO ISKUSTVO I POGLED NA TRANSLACIJSKA ISTRAŽIVANJA

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mentor



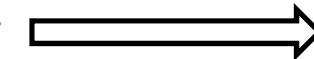
znanstveni novak



izrada disertacije



osamostaljivanje = mentor

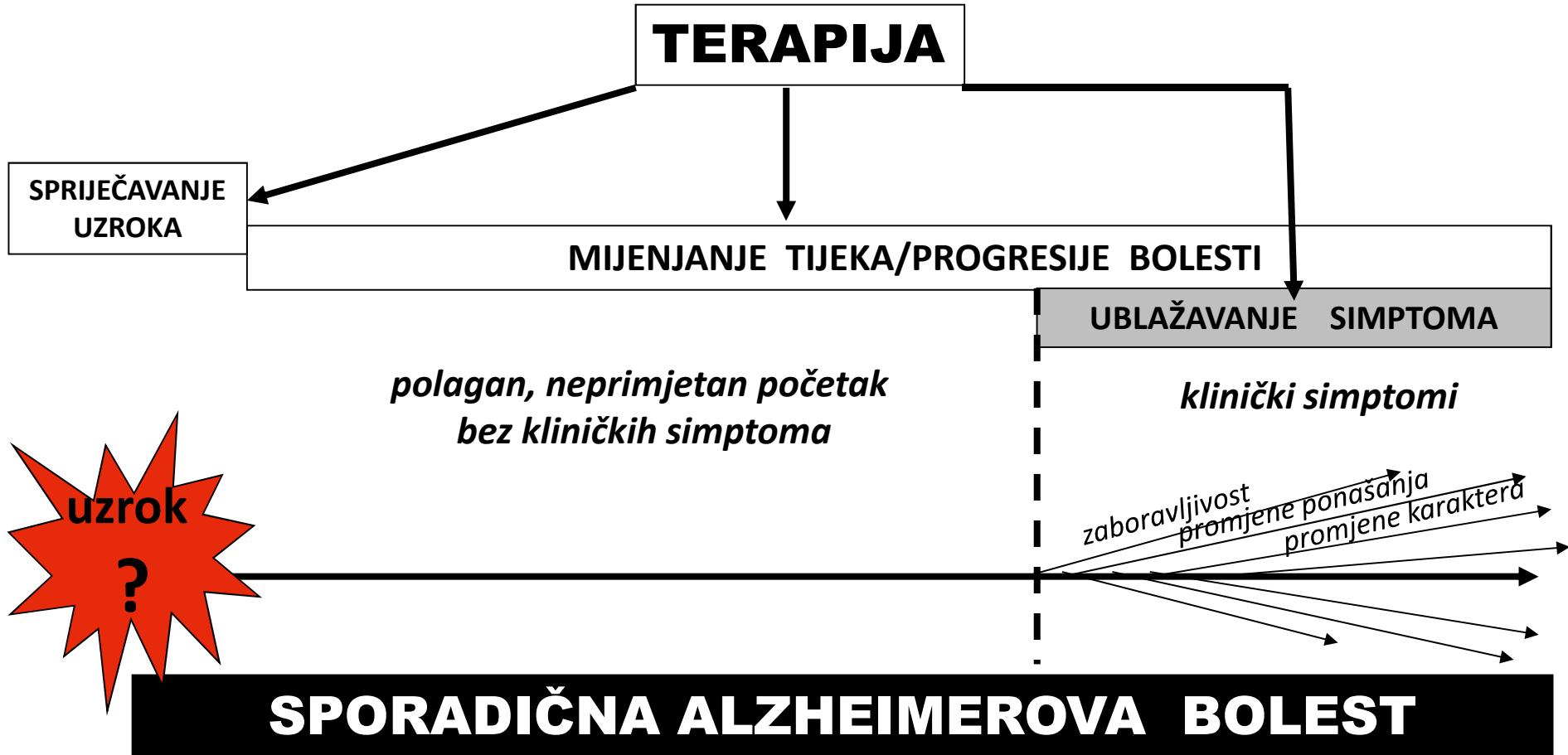


znanstveni novak



OD IDEJE I EKSPERIMENTALNOG MODELA DO POTENCIJALNO NOVIH LIJEKOVA



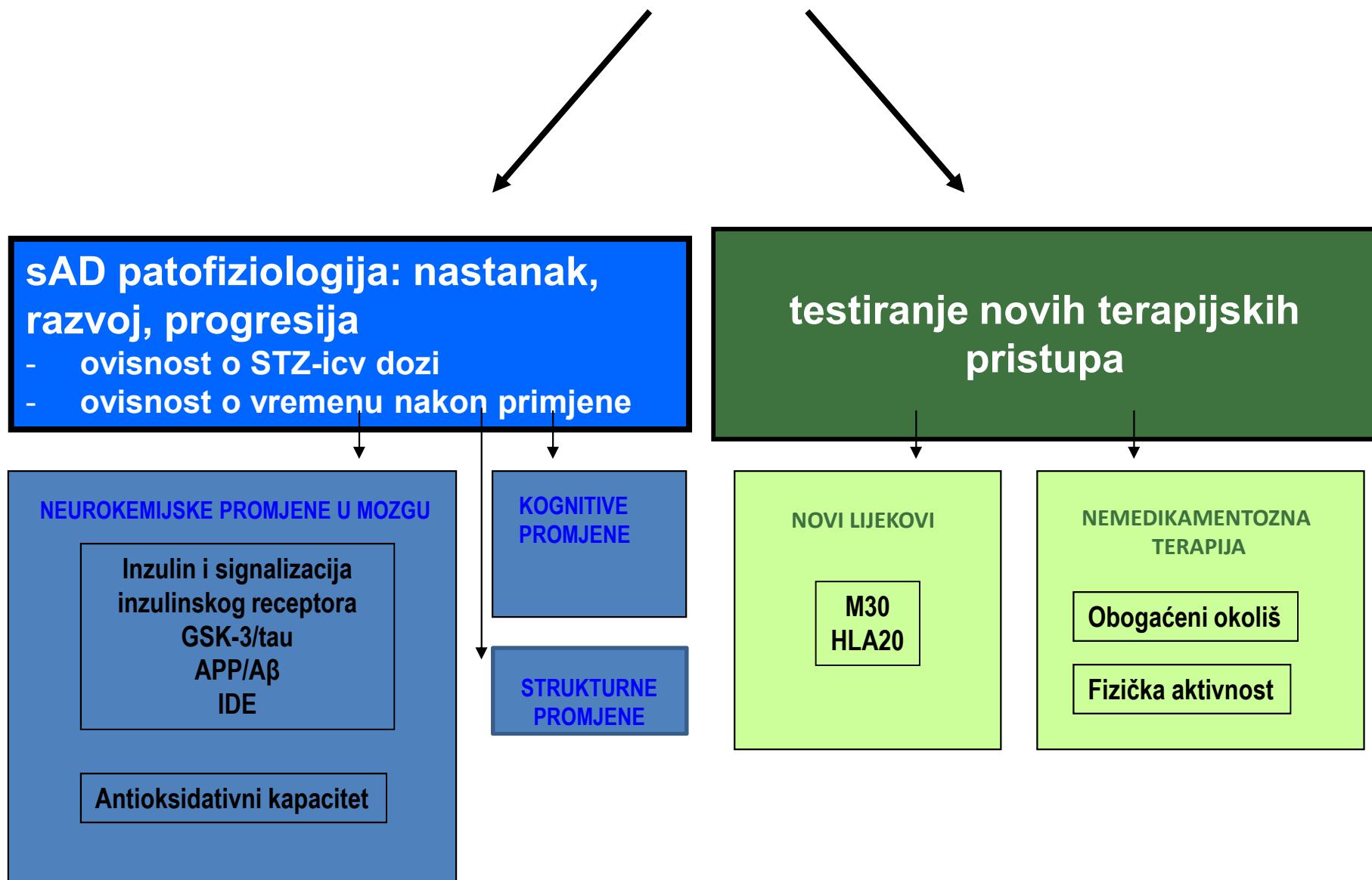


STZ–icv MODEL sAD

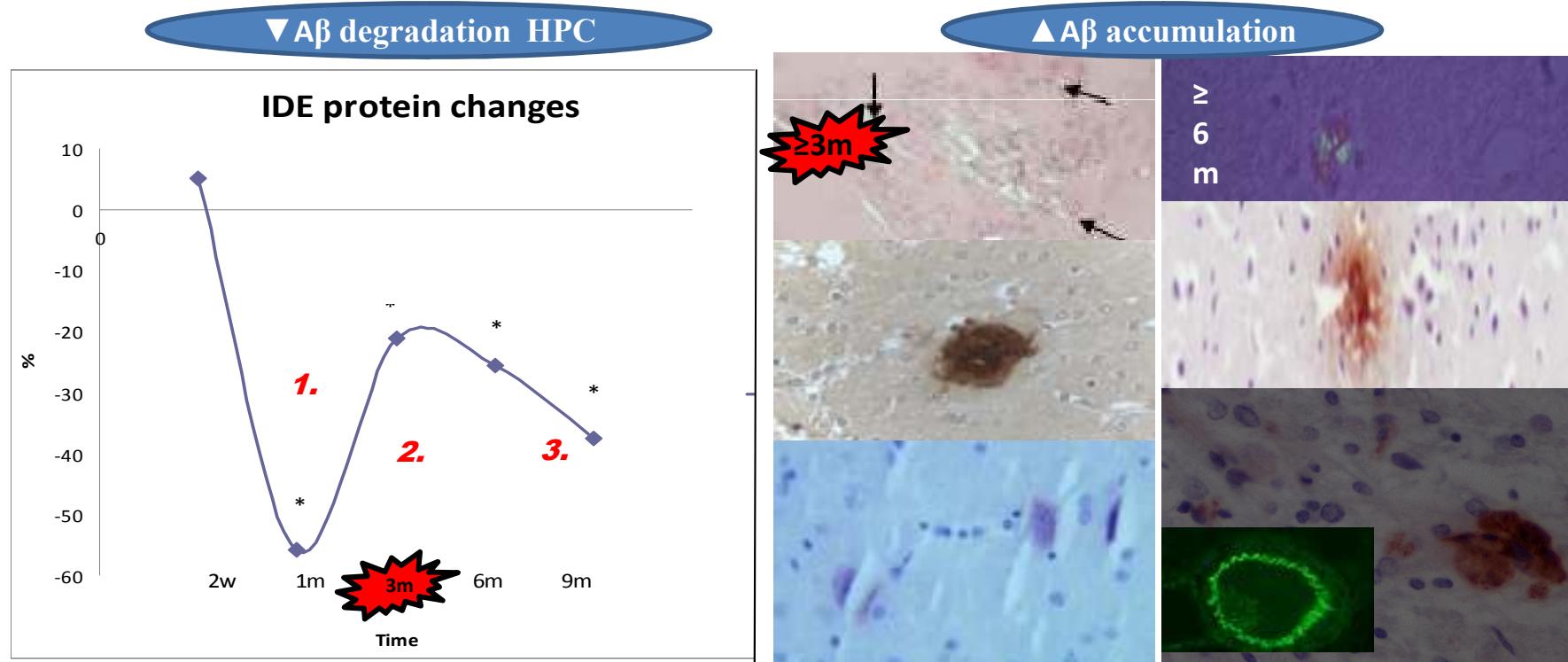
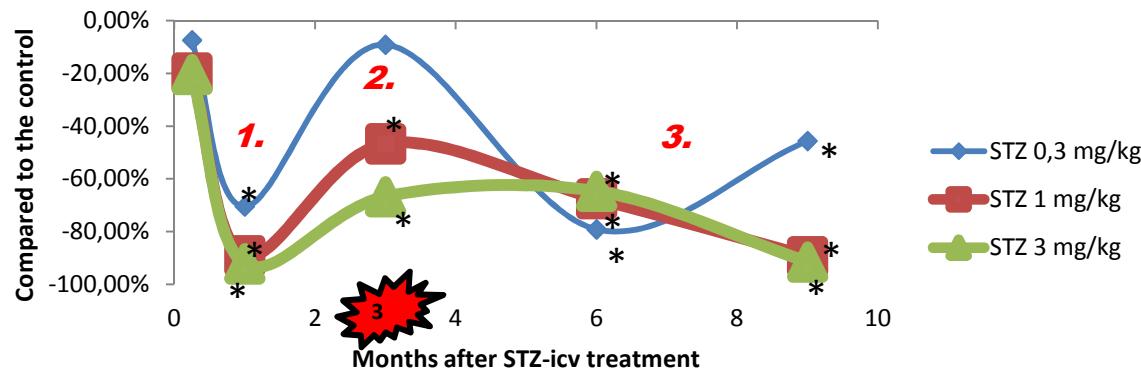
- kognitivni deficiti učenja i pamćenja (Mayer et al., 1990, ...)
- promjene monoaminergične neurotransmisije u mozgu (Lackovic & Salkovic, 1990,)
- ↓ metabolizam glukoze u mozgu (Nitsch & Hoyer, 1991, ...)
- ↓ kolinergična neurotransmisija u mozgu (Hellweg et al., 1992, ...)
- astroglioza (Prickaerts et al., 1999, ...)
- oksidativni stres (Sharma & Gupta, 2001, ...)
- aksonalna degeneracija (Weinstock et al., 2001, ...)
- . . .

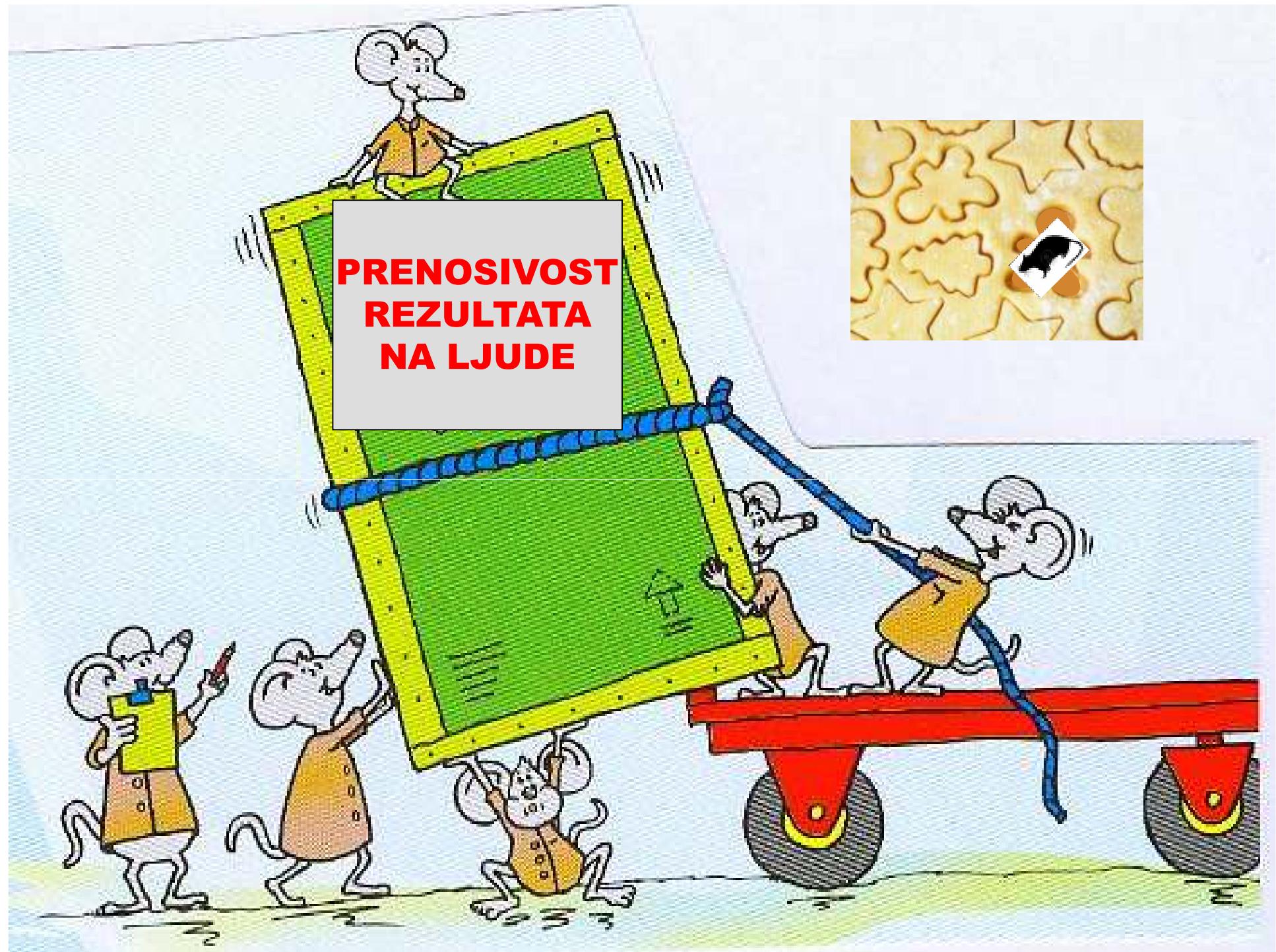
Inzulinski sustav mozga ????

STZ-icv MODELIRANJE SPORADIČNE ALZHEIMEROVE BOLESTI U NAŠIM ISTRAŽIVANJIMA



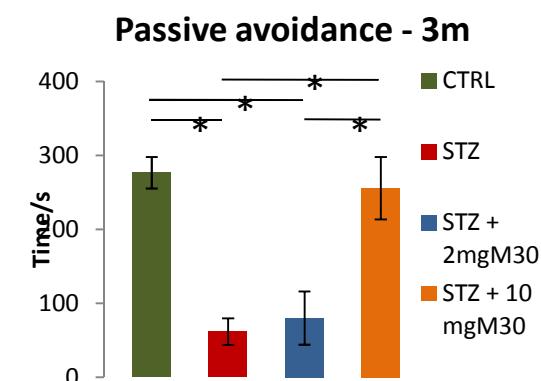
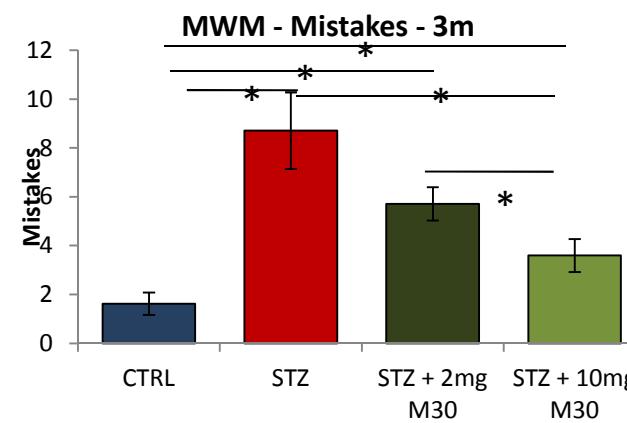
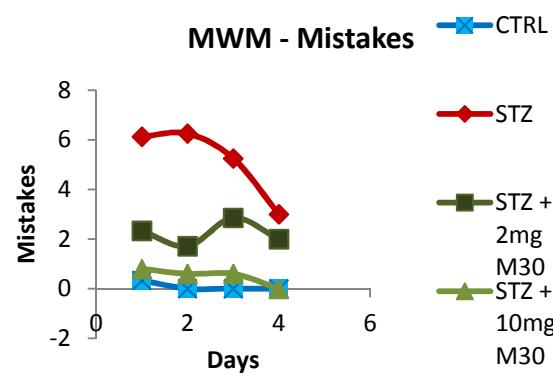
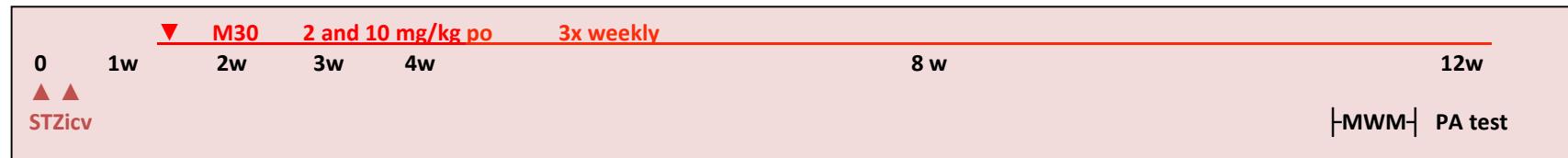
COGNITIVE DEFICITS

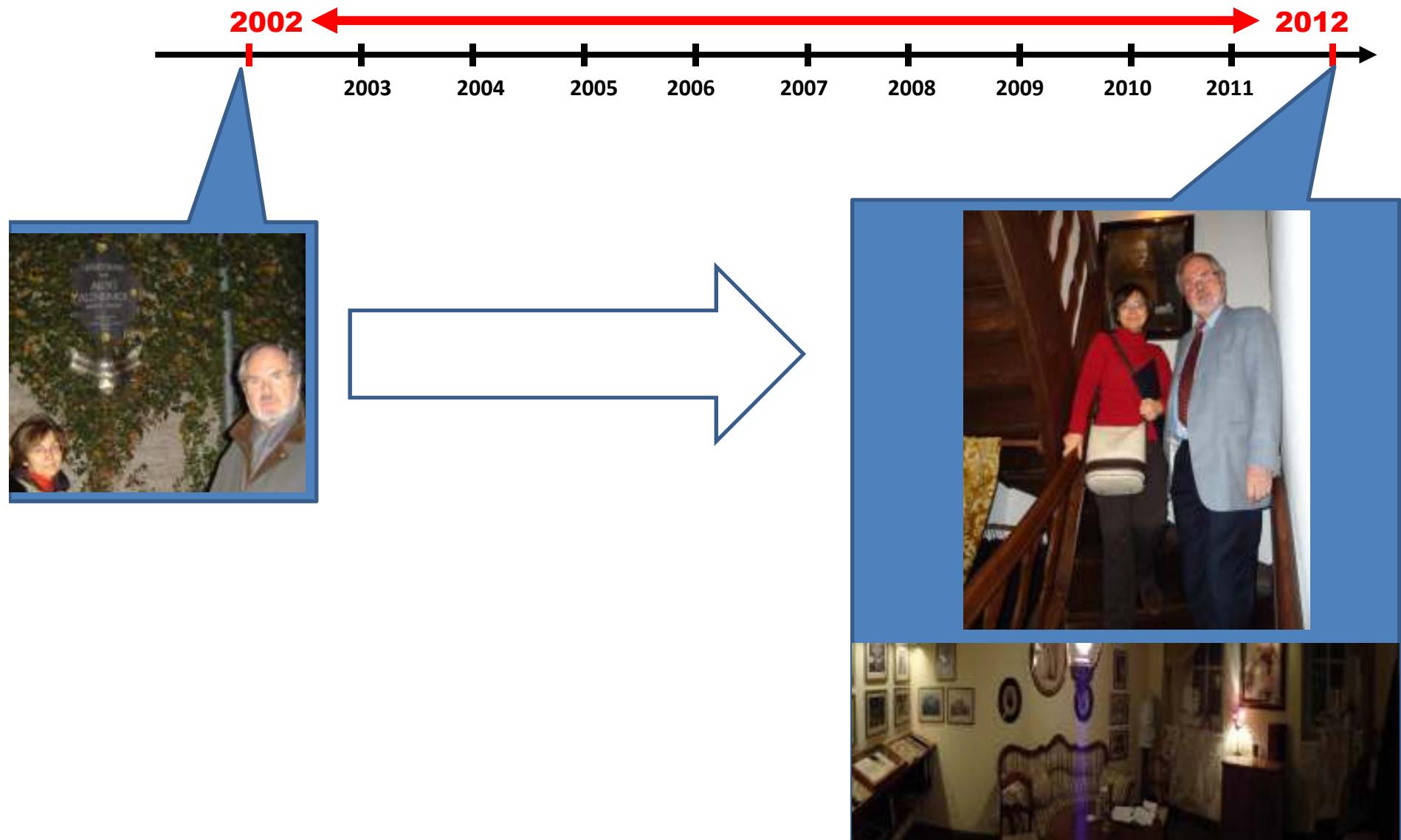




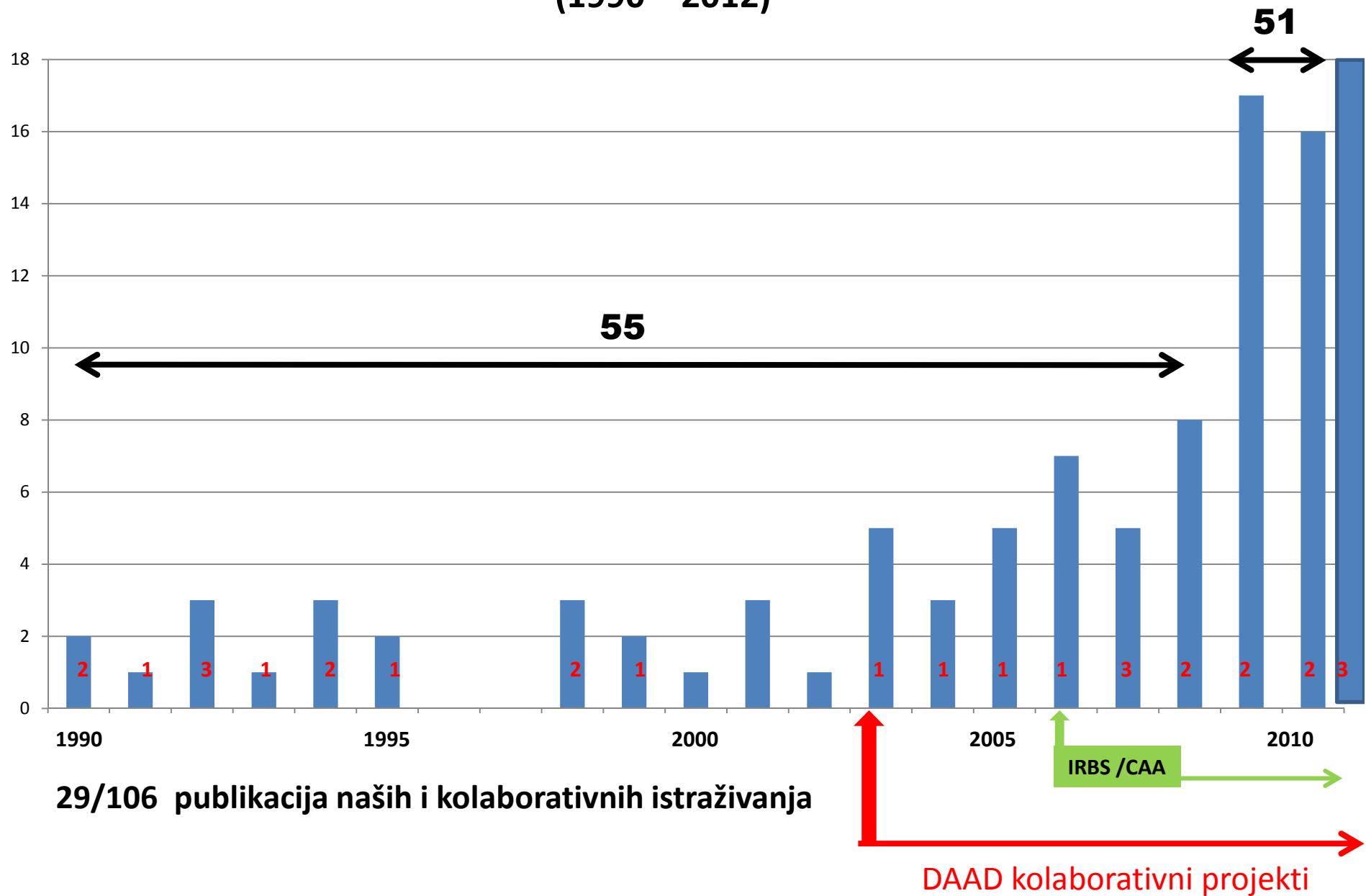
TESTIRANJE NOVIH MULTIFUNKCIONALNIH LIJEKOVA ZA LIJEČENJE AD M30 = ANTIOKSIDANT + KELATOR ŽELJEZA

POBOLJŠANJE KOGNITIVNIH DEFICITA





PUBLICIRANOST ISTRAŽIVANJA NA STZ-icv MODELU (PUBMED) (1990 – 2012)



TRANSLACIJSKA ISTRAŽIVANJA

IDEJA

mentor inicijator
vlastita kreativnost i znanstvena znatiželja

USTRAJANOST

kontinuitet istraživanja
znanstveni projekti

ZNANSTVENO USAVRŠAVANJE

doktorski studij
studijski boravci u inozemstvu
literatura

OBLIKOVANJE, KARAKTERIZACIJA I VALIDACIJA MODELA

timski rad sa znanstvenicima različitih profila
međunarodna suradnja
publiciranje u respektabilnim časopisima
međunarodna prepoznatljivost

PRIMJENA MODELA U HUMANOJ MEDICINI

pretklinička ispitivanja potencijalno novih lijekova
klinička ispitivanja potencijalno novih lijekova



DAAD 2004-2010

Edna Grünblatt / Zürich (Würzburg)
Angelika Schmitt / Würzburg
Jasmin Bartl / Zürich (Würzburg)

Emin Sofic / Sarajevo
Aida Sapcanin / Sarajevo
Ismet Tahirovic / Sarajevo

Peter Riederer / Würzburg
Sigfried Hoyer / Heidelberg



DAAD 2007 -

Moussa Youdim / Haifa
Silvia Mandel / Haifa



DAAD 2012 -
Jürgen Deckert
Michael Sendtner



UKF 2012
Goran Šmić
Srećko Gajović

UNITY THROUGH
KNOWLEDGE FUND



MZOŠ
Zdravko Lacković

2003 2004 2005 2006 2007 2008 2009 2010 2011 2012

ZNANSTVENI NOVACI

Jelena Osmanovic-Barilar (2006 -)
Ana Knezovic (2009 -)
Marina Knapić (2011 -)

