



4TH EUROPEAN NECTAR CONFERENCE
MILAZZO, FEBRUARY 26TH-27TH 2024



ITC-CA18202

NETWORK FOR EQUILIBRIA AND CHEMICAL THERMODYNAMICS ADVANCED RESEARCH



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CA18202 NECTAR

NECTAR involves; European Scientists Working in The Field of Chemical Equilibrium Thermodynamics and Technology-oriented Partners and Enterprises

10/02/2019- 04/01/2024

- Number of parties : **31**
- Number of ITC: **19**



NECTAR...

In the field of chemical thermodynamics:

- Bringing together professionals at all levels and in different sectors
- Fostering innovations and knowledge exchange
- Leveraging complementary skills
- Keeping abreast of the latest findings and developments
- Creating a valuable platform for content sharing



- Coordination and promotion of ITCs' participation (increasing the number of partners),
- Participation of non-academic organizations and companies

Current situation (ITC)

Albania	Moldova
Bosnia & Herzegovina	North Macedonia
Bulgaria	Serbia
Croatia Greece	Slovakia
Czech Republic	Slovenia
Estonia	Poland
Hungary	Portugal
Lithuania	Romania
Malta	Turkiye

Other ITCs

- Cyprus,
- Latvia,
- Luxembourg,
- Montenegro,

COST Near Neighbor Country

Institution Name	Country
Enamine Limited Liability Company (Enamine LLC)	Ukraine
Taras Shevchenko National University of Kyiv	Ukraine

INTEGRATION

- IPC (from USA and Australia) and two NNC (both from Ukraine) partners
- NNCs (Near Neighbor Countries, Russia, Egypt, Tunisia, Algeria) and Israel

ITC'S CALLS



COST Action CA18202
NECTAR – Network for Equilibria and Chemical Thermodynamics Advanced Research

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Inclusiveness

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Inclusiveness

Conference Grants (CG)

Inclusiveness Target Countries (ITC) Conference Grants (CG)

Call for ITC Conference Grant Applications

Fourth Grant Period, 1 November 2022- 31 October 2023

COST Action NECTAR opens a call for applications to ITC Conference Grants (CG) to be developed under the scope of the referred Action, in the terms described in this document. The main procedures/regulations concerning ITC Conferences are governed by the Rules and Principles for COST activities (level A) and the Rules for COST Actions (level B), from which the Annotated Rules for COST Actions (level C) result, <https://www.cost.eu/uploads/2021/07/COST-088-21-Level-A-Rules-and-Principles-for-COST-Activities.pdf>). COST Grant Awarding User Guide (<https://www.cost.eu/uploads/2021/12/Grant-Awarding-userguide.pdf>, Page 7), Please read this section prior to preparing your ITC Conference application.

Scope of NECTAR Conference Grants (CG)

The thermodynamic studies in chemistry, from coordination chemistry, from computational chemistry, from modelling and drug design, general, results from mainly on their interest in their environmental impact and strength can be exploited. NECTAR combines thermodynamic studies on the stimulating collaboration

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COST Action NECTAR



VALÈNCIA, 5th - 8th June 2022

^{a)} University of Białystok

^{b)} University of Białystok, Faculty of Chemistry

^{c)} Università degli Studi di Messina, Dipartimento di Scienze

Tryptophan (Trp) is an essential exogenous amino acid and the central nervous systems, with a significant (8-HQ) metabolites, reported as anti-microbial, and solutions seems to be a crucial aspect to access the 298.15 K are not sufficient. For that purpose, the de present some preliminary results on the thermodynamic aqueous solution determined by ISE-H⁺ (glass electrode)

Thermodynamic protonation parameters of a tryptophan metabolite (8-hydroxyquinoline-2-carboxylic acid, 8-HQA)



a

An

Report on the outcomes of a presentation and participation in a ITC Conference¹

Action number: CA18202

Grantee name: Anna Baryłka



Conference Details

Conference title: ISMEC 2022 International Symposium on Metal Complexes

Conference web-page: <https://www.ismec2022.org/index.html>

Conference venue²: Organized by the Institute of Molecular Science, Faculty of Chemistry, University of Valencia, will take place in the auditorium of the Valencia's Botanic Garden

Conference start and end date: 05/06/2022 to 08/06/2022

Accepted contribution details

Title of the presentation: Thermodynamic protonation parameters of a tryptophan metabolite (8-hydroxyquinoline-2-carboxylic acid) and its molecular precursors: a potentiometric study at different temperatures

Type of the presentation: poster

Co-authors: Aneta Bacińska, Beata Godlewska-Żyłkiewicz, Demetrio Milea, Sofia Gama

ITC Conference Grant - APPLICATION FORM¹ -

Action number: CA18202

Applicant name: Valentyn Dzyhovskiy

Conference Details

Conference title: 16th European Biologic Inorganic Chemistry Conference (EuroBIC-16)

Conference web-page: <https://eurobic16.sciencesconf.org/>

Conference venue²: face to face

Conference start and end date: 17/07/2022 to 21/07/2022

Accepted contribution details

Title of the presentation: Coordination properties of ligands constituting fragments of FeoB from *Staphylococcus aureus*

Type of the presentation: poster

Co-authors: Kamila Stokowa-Sołtys

Other details of the presentation: specify here any additional details related to the contribution (e.g. title of the session / track of the conference programme in which the contribution is accepted)

CONCLUSION

- Two ITC's conference grant announced
- Two applicants awarded
- Early-stage researchers as MC substituted and companies added to NECTAR from ITCs
- Third ITC's conference grant call was prepared but not announced



and
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