Supplementary File 1. Online survey.

A. CONSENT

1. I agree to participate to this survey about multidisciplinary collaboration among young specialist.
   Yes
   No

B. DEMOGRAPHICS

2. What is your country of origin?
   Albania
   Armenia
   Austria
   Belarus
   Belgium
   Bosnia and Herzegovina
   Bulgaria
   Croatia
   Cyprus
   Czech Republic
   Denmark
   Estonia
   Finland
   France
   Georgia
   Germany
   Greece
   Hungary
   Iceland
   Ireland
   Israel
   Italy
   Latvia
   Lebanon
   Lithuania
   Macedonia
   Malta
   Moldova
   Montenegro
   Netherlands
   Norway
   Poland
   Portugal
   Romania
   Russia
   San Marino
   Serbia
   Slovakia
   Slovenia
   Spain
   Sweden
   Switzerland
   Turkey
   Ukraine
   United Kingdom
   Other (please specify)
3. What is your country of work?
- Albania
- Armenia
- Austria
- Belarus
- Belgium
- Bosnia and Herzegovina
- Bulgaria
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Georgia
- Germany
- Greece
- Hungary
- Iceland
- Ireland
- Israel
- Italy
- Latvia
- Lebanon
- Lithuania
- Macedonia
- Malta
- Moldova
- Montenegro
- Netherlands
- Norway
- Poland
- Portugal
- Romania
- Russia
- San Marino
- Serbia
- Slovakia
- Slovenia
- Spain
- Sweden
- Switzerland
- Turkey
- Ukraine
- United Kingdom
- Other (please specify)

4. What is your age?
- < 25
- 26-30
- 31-35
- 36-40
- > 40

5. What is your gender?
- Female
- Male
6. What is your specialty?
   Allergology
   Clinical Immunology
   Dermatology
   Gastro-enterology
   Internal Medicine
   Nephrology
   Oncology
   Ophthalmology
   Orthopaedic
   Otorhinolaryngology
   Pediatrics
   Pediatrics
   Rheumatology

7. Are you member of a national young organization?
   Yes
   No

8. Are you member of a European young organization?
   Yes
   No

9. Do you have a professional use of social media?
   Facebook Yes
   No
   LinkedIn Yes
   No
   Twitter Yes
   No

10. How long is your specialty training? (years)
    2
    3
    4
    5
    6

11. Do you have formal training in other specialties during your residency/training?
    Yes
    No

12. If yes, please specify:
    Allergology
    Cardiology
    Clinical immunology
    Dermatology
    Endocrinology
    Gastroenterology
    Infectious diseases
    Intensive care/emergency
    Internal medicine
    Nephrology
    Neurology
    Oncology/hematology
    Ophthalmology
    Orthopedic surgery
C. CLINICAL COLLABORATION

13. What is your current clinical position?
   Trainee
   Certified specialist or consultant (post-training)
   No clinical work

14. Please indicate the top 3 specialties for collaboration in your daily practice to manage common patients:
   Allergology
   Cardiology
   Clinical immunology
   Dermatology
   Endocrinology
   Gastroenterology
   Gynecology
   Infectious diseases
   Intensive care/emergency
   Internal medicine
   Nephrology
   Neurology
   Oncology/hematology
   Ophthalmology
   Orthopedic surgery
   Otorhinolaryngology
   Pediatrics
   Physical Medicine and Rehabilitation
   Radiology
   Respiratory
   Rheumatology

15. How do you collaborate with other specialists?
   NO  EVERY DAY  2-3 TIMES/WEEK  ONCE A WEEK  EVERY 2 WEEKS  ONCE A MONTH  LESS THAN MONTHLY
   By phone
   By email/software
   By informal personal meeting
   By combined clinics
   By common local multidisciplinary meeting

16. If you have combined clinics, please specify the other speciality involved and frequency:
    ONCE A WEEK  EVERY 2 WEEKS  ONCE A MONTH  LESS THAN MONTHLY
    Allergology
    Cardiology
    Clinical immunology
    Dermatology
    Endocrinology
    Gastroenterology
17. If you have common local multidisciplinary meetings, please specify the specialties involved:
- Allergology
- Cardiology
- Clinical immunology
- Dermatology
- Endocrinology
- Gastroenterology
- Gynecology
- Infectious diseases
- Intensive care/emergency
- Internal medicine
- Nephrology
- Neurology
- Oncology/hematology
- Ophthalmology
- Orthopedic surgery
- Otorhinolaryngology

18. Is interaction with other young specialists easier than with senior specialists?
- Yes
- No

19. Are all the specialists you interact with working in the same place?
- Yes, same institution, same building
- Yes, same institution, different building
- No, different hospital, within same region
- No, different hospital, outside the region

20. How do you usually start clinical collaboration?
- By knowing other specialists
- By working in the same inpatient department
- By working in the same lab
- By attending common meetings (local, national, international)
- By attending same multidisciplinary meetings
- Arranged by department heads
- Already in place before joining the department

21. Does your discipline have shared recommendations with other specialties?
- Yes, local shared recommendations
- Yes, national shared recommendations
- Yes, european/international shared recommendations
- No

D. RESEARCH COLLABORATION
22. What is your current research position?
MD degree (research)
PhD candidate
PhD degree
No research work

23. Do you have research collaborations with other specialties?
Yes
No

24. If you have or are about to start a research collaboration with other specialties, how did you bring this about?
By knowing other specialists
By working in the same inpatient department
By working in the same lab
By attending common meetings (local, national, international)
By attending same multidisciplinary meetings
Arranged by department heads
Already in place before joining the lab/department

25. Have you ever applied for a combined grant across other specialties?
Yes
No

26. Do you have a shared publication with other specialists?
Yes, in a journal from my specialty
Yes, in a journal from other specialty
No

27. Would you like to develop clinical collaboration with other specialists?
Yes
Yes, but there are obstacles within my institution
No, projects are already running
Not interested

28. If yes, please specify at most 3 specialties for such collaboration:
Allergology
Cardiology
Clinical immunology
Dermatology
Endocrinology
Gastroenterology
Gynecology
Infectious diseases
Intensive care/emergency
Internal medicine
Nephrology
Neurology
Oncology/hematology
Ophthalmology
Orthopedic surgery
Otorhinolaryngology
Pediatrics
Physical Medicine and Rehabilitation
Radiology
Respiratory
Rheumatology
29. Do you think that the establishment of common outpatient clinics with colleagues from other specialties is important?
Yes, in order to manage a common patient in daily practice
Yes, in order to discuss complex patients
No, no need of common outpatient clinics

30. Do you think that the development of shared recommendations with colleagues from other specialties is important?
Yes, local shared recommendations
Yes, national shared recommendations
Yes, European / international shared recommendations
No

31. Would you like to develop research collaboration with other specialists?
Basic research
Translational research
Clinical research

32. Would you apply for a combined grant across other specialties?
Yes
No

33. What do you think is important to develop as a multidisciplinary collaboration?
Daily practice to manage patient, to ask or answer specific questions regarding a common patient
Regular multidisciplinary meetings to discuss about specific diseases / complex patients
Ad-hoc local meetings with several specialties
National meetings with several specialties
International meetings, with maybe a new abstract topic category
Research
Establishment of national and international shared networks (including shared newsletters) of physicians from different specialties
Possibility of having joint publications

34. Do you think common courses would be worthwhile?
On-line course
1-2 days course

35. If yes, please specify with which specialties?
Allergology
Cardiology
Clinical immunology
Dermatology
Endocrinology
Gastroenterology
Gynecology
Infectious diseases
Intensive care/emergency
Internal medicine
Nephrology
Neurology
Oncology/hematology
Ophthalmology
Orthopedic surgery
Otorhinolaryngology
Pediatrics
Physical Medicine and Rehabilitation
Radiology
Respiratory
Rheumatology

36. Please specify the type of content you would like:
Lectures
Case discussion
Training workshops (learning from peers of other specialties, eg. orthopedic musculoskeletal status, neurological status refreshed, etc.)

37. Do you think interaction / collaboration between young specialists should be developed through social media?

Common group on Facebook / LinkedIn
Common journal club on Twitter
Common apps on smartphones
Podcasts

38. Would you be interested in annual or bi-annual multidisciplinary Webinars on a specific disease (recorded with different specialists and made available online)?
Yes
No