# Postdoctoral Fellowship in Biomathematics at the Mathematical and Theoretical Biology Group

## Job Offer

<table>
<thead>
<tr>
<th>Topics:</th>
<th>Biomathematics</th>
</tr>
</thead>
<tbody>
<tr>
<td>PI in charge:</td>
<td>Dr. Maíra Aguiar (MTB Research Line Leader – Ikerbasque Researcher)</td>
</tr>
</tbody>
</table>
| Salary and conditions:      | **The gross annual salary of the Postdoctoral Fellowship will be 28,000 € – 32,000 €.**  
Note it will then be on your own responsibility to make your yearly income declaration at the Bizkaia Treasury Agency.  
There is a moving allowance for those researchers that come from a research institution outside the Basque Country up to EUR 2,000 € gross. |

*Free access to the Public Health System in Spain is provided to all employees.*

| No Positions offered:       | #1                                                   |
| Contract and offer:         | 2-year contract                                     |
| Deadline:                   | **July 13th 2020, 14:00 CET (UTC+1)**               |
| How to apply:               | Applications must be submitted on-line at:  
http://www.bcamath.org/en/research/job/              |

## Scientific Profile Requested

| Requirements:               | We seek a highly motivated and skilled person, able to work effectively as part of a team.  
• Applicants must have their PhD completed before the contract starts.  
• PhD degree in applied mathematics, mathematical biology, physics or related disciplines. |
| Skills and track-record:    | • Good communication and interpersonal skills.  
• Fluent in English (verbal and written).  
• Ability to communicate and present research ideas to researchers with different background and general public.  
• Ability to clearly present and publish research outcomes in spoken (talks) and written (papers) form. |
IC2020_06 BCAM
International Call

- Programming in LaTeX.
- Programming in C, MatLab or R
- Ability to organize scientific events (workshops, seminars, etc.).

Scientific Profile:
The preferred candidate will have:
- research experience and interest in mathematical modeling of infectious diseases and population biology, dynamical systems theory, non-linear dynamics, stochastic processes, complex systems and computer programming.
- Experience in interdisciplinary research, formulation and analysis of mathematical/computational models.
- Knowledge of bio-statistics and experience in advanced programming are advantage.

Application and Selection Process

Formal Requirements: The selected candidate must have applied before the application deadline online at the webpage http://www.bcamath.org/en/research/job

The candidates that do not fulfil the mandatory requirements will not be evaluated with respect to their scientific profile.

Application: Required documents:
- CV
- Letter of interest
- 2 letters of recommendation
- statement of past and proposed future research (2-4 pages)

Evaluation: The evaluation committee will evaluate each application qualitatively:
- Competence of the postdoctoral researcher: the experience of the applicant and the capacity of the applicant to carry out the proposed project; the main results achieved (papers, proceedings, etc.) and the recommendation letters.
- Scientific quality and innovativeness of the planned research project: novelty of the project and the potential for the creation of new knowledge, taking in account the alignment of these items to the topic offered.
<table>
<thead>
<tr>
<th>Incorporation:</th>
<th>From October 1st 2020 or as soon as possible thereafter.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>The BCAM postdoctoral contract will start when the selected candidate has finished the PhD, i.e. after dissertation defence</td>
</tr>
</tbody>
</table>